

**TEMPORARY AND PRELIMINARY NOTICES**  
In force on 30 April 2021

**NEW SOUTH WALES**

**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**

**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**

**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**

**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**

**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**

**485(T)/2020 AUSTRALIA - NEW SOUTH WALES - Tathra to Seal Rocks - Obstructions**  
Transport for NSW Notice SY2028

Shipping containers and debris may exist along the coast and in offshore waters between Tathra (36° 43'.55 S 149° 59'.46 E) and Seal Rocks (32° 27'.86 S 152° 33'.22 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 489 - Aus 806 - Aus 807 - Aus 808 - Aus 809 - Aus 810 - Aus 4601 (INT 601) - Aus 4602 (INT 602) - Aus 4643 (INT 643)**

**549(T)/2020 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 195**

**602(T)/2020 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 200 - Aus 808 - Aus 809**

**604(T)/2020 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Hyams Beach - Light buoy**  
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 807 - Aus 808**

**607(P)/2020 AUSTRALIA - NEW SOUTH WALES - 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 200 - Aus 489 - 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 379 - PNG 505 - PNG 506 - PNG 621**

**609(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 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**

**705(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 207**

**862(T)/2020 AUSTRALIA - NEW SOUTH WALES - Fingal Head - Artificial reef**

NSW Department of Primary Industries

Works to establish an artificial reef are in progress in the vicinity of position 28° 13'.45 S 153° 35'.51 E.

A barge and support vessels are on site.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 813 - Aus 814**

**997(T)/2020 AUSTRALIA - NEW SOUTH WALES - Merimbula Bay to Broulee Island - Scientific instruments**

Transport for NSW

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

35° 50'.9 S 150° 11'.3 E

35° 52'.8 S 150° 09'.7 E

36° 54'.5 S 149° 55'.0 E.

**Chart temporarily affected - Aus 806 - Aus 807**

**1043(T)/2020 AUSTRALIA - NEW SOUTH WALES - Stockton Bight - Survey operations; scientific instruments**

Port Authority of New South Wales Notice 4/2020

*MV Offshore Guardian* is conducting survey operations in an area bounded by the following positions:

33° 03'.98 S 151° 51'.68 E

32° 51'.00 S 152° 10'.47 E

32° 47'.69 S 152° 07'.65 E

32° 48'.18 S 152° 05'.87 E

32° 47'.96 S 152° 03'.50 E

32° 51'.37 S 151° 53'.77 E

32° 54'.65 S 151° 51'.44 E

along the arc of Newcastle Port Limit to

32° 58'.11 S 151° 46'.34 E

32° 59'.75 S 151° 45'.92 E.

The vessel will display appropriate lights and shapes and will monitor VHF Ch 16/09.

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

32° 47'.9 S 152° 04'.4 E

32° 51'.3 S 152° 08'.7 E

32° 56'.3 S 151° 50'.6 E

32° 59'.8 S 151° 46'.8 E

33° 03'.2 S 151° 51'.4 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 207 - Aus 209 - Aus 489 - Aus 809 - Aus 810**

**102(T)/2021 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Sydney Harbour - Harbour works**

Port Authority of New South Wales Notice 03/2021

Berth pocket improvement works including dredging, will take place at the Overseas Passenger Terminal in the vicinity of position 33° 51'.57 S 151° 12'.61 E.

A hopper barge will be located in the area, assisted by vessels *Fern Bay* and *Molly Grace*.

Mariners should navigate with caution.

**Chart temporarily affected - Aus 200**

**105(T)/2021 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**

**107(T)/2021 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 are 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**

**108(T)/2021 AUSTRALIA - TASMAN SEA - Tasman Basin - Light buoy off station**  
Australian Bureau of Meteorology

The special light buoy, Fl.Y.2s (44° 47'.0 S 161° 42'.0 E), is drifting and currently in position 44° 08'.76 S 162° 24'.30 E (22 January 2021).

**Chart temporarily affected - Aus 4074 (INT 74) - Aus 4601 (INT 601)**

**196(T)/2021 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Molineux Point - Navaid replacement works**  
Port Authority of New South Wales Notice 7/2021

Navaid replacement works are in progress at the following light beacons:

<i>Position</i>	<i>Characteristic</i>
33° 59'.18 S 151° 12'.81 E	Fl.G.3s No1
33° 59'.07 S 151° 12'.67 E	Fl.G.3s No3
33° 58'.94 S 151° 12'.50 E	Fl.G.3s No5.

Barges and a support vessels are on site.

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

**Chart temporarily affected - Aus 198**

**368(T)/2021 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Military exercise**  
Department of Defence

Military exercises will be conducted within a 2M radius of position 35° 07'.26 S 150° 42'.36 E from 27 April to 28 May 2021.

Activities will include surface and subsurface equipment, personnel and divers requiring safe operational area during the period. Military support craft and other surface vessels will be in support of the activities.

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

Vessels are advised to avoid the following areas where activities may be concentrated during the stated period and advised to navigate with caution in the area.

Maritime industry enquiries related to this Military Training and Assessment Activities should be directed to RAN Maritime Trade Operations via phone +61 (0) 431764980 or email MTO.OPSO@defence.gov.au.

**Chart temporarily affected - Aus 807 - Aus 808**

## QUEENSLAND

### **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**

### **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**

### **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**

### **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**

### **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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

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

Maritime Safety Queensland Notice 279(T)/2018

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

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

Maritime Safety Queensland Notice 296(T)/2018

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

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

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**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:

Position	Depth
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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**390(T)/2020 AUSTRALIA - QUEENSLAND - Myrmidon Reef - Scientific instruments**  
Australian Institute of Marine Science

A special light buoy, *Fl(4)Y.19s*, exists in position 18° 19'.82 S 147° 22'.68 E.

An orange light buoy, *Fl(4)Y.12s*, exists in position 18° 20'.16 S 147° 23'.32 E.

**Chart temporarily affected - Aus 828**

**396(T)/2020 AUSTRALIA - TORRES STRAIT - Horn Island - Smith Point - Wreck**  
Maritime Safety Queensland Notice 132(T)/2020

A stranded wreck marked by a special light buoy, *Fl. Y.2s*, exists in position 10° 36'.24 S 142° 14'.21 E.

**Chart temporarily affected - Aus 293 - Aus 294 - Aus 299 - Aus 700**

**429(T)/2020 AUSTRALIA - QUEENSLAND - Mackay - Obstruction; light buoy**  
Maritime Safety Queensland Notice 183/2020

An obstruction marked by a special light buoy exists in position 21° 06'.43 S 149° 13'.52 E.

**Chart temporarily affected - Aus 250**

**457(T)/2020 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Obstruction southeastwards**  
Maritime Safety Queensland Notice 190(T)/2020

An obstruction, with least depth *15m*, exists in position 19° 20'.27 S 147° 35'.97 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 826 - Aus 827**

**458(T)/2020 AUSTRALIA - QUEENSLAND - Johnstone River - Light buoy off station**  
Maritime Safety Queensland Notice 197(T)/2020

The port lateral light buoy, *Fl.R.3s* (17° 31'.36 S 146° 03'.49 E), is off station.

**Chart temporarily affected - Aus 258**

**555(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 814**

**561(T)/2020 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 814**

**619(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 827**

**663(T)/2020 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Oyster Point - Light beacon unlit**

Maritime Safety Queensland Notice 243(T)/2020

The light beacon, *Fl.R.5s* (18° 16'.45 S 146° 03'.25 E), is unlit.

**Chart temporarily affected - Aus 258**

**711(T)/2020 AUSTRALIA - QUEENSLAND - Port of Airlie - Muddy Bay - Wreck**

Maritime Safety Queensland Notice 293(T)/2020

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 20° 15'.80 S 148° 43'.93 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 253 - Aus 269**

**864(T)/2020 AUSTRALIA - QUEENSLAND - Abbot Point to Hydrographers Passage - Survey operations**

Former Notice - 807(T)/2020 is cancelled

iXblue Pty Ltd

On or about 15 October, RV *ESCAPE* will be conducting survey operations along the designated Two-Way Route between Abbot Point (19° 39'.48 S 148° 20'.04 E) and Hydrographers Passage (20° 49'.60 S 149° 47'.93 E) and the approaches to Abbot Point (19° 51'.63 S 148° 39'.54 E to 19° 48'.72 S 148° 09'.31 E).

The vessel will display appropriate lights and shapes and monitor VHF Ch 11, Ch 14 and Ch 16.

Subsurface scientific instruments marked by special light buoys, *Fl.Y.3·2s*, exist in the following positions:

19° 43'.02 S 148° 21'.49 E

19° 48'.87 S 148° 52'.47 E

19° 52'.97 S 148° 04'.91 E

20° 09'.08 S 149° 16'.48 E

20° 25'.46 S 149° 30'.53 E

20° 45'.05 S 149° 37'.21 E

20° 48'.11 S 149° 49'.25 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 251 - Aus 255 - Aus 821 - Aus 824 - Aus 825 - Aus 826**

**868(T)/2020 AUSTRALIA - QUEENSLAND - Round Top Island - Scientific instrument eastwards**

Maritime Safety Queensland Notice 359/2020, 360/2020

A scientific instrument marked by special spar light buoy, *Fl.Y.6s*, exists in position 21° 10'.30 S 149° 17'.78 E.

**Chart temporarily affected - Aus 249**

**920(P)/2020 AUSTRALIA - QUEENSLAND - Great Barrier Reef - Quoin Island Entrance - Shoal**

James Cook University

A shoal, least depth 40m, exists in position 12° 23'.50 S 143° 51'.50 E.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 834 - Aus 836**

**926(T)/2020 AUSTRALIA - QUEENSLAND - Shute Harbour - Wreck**

Maritime Safety Queensland Notice 393(T)/2020

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 20° 17'.88 S 148° 46'.86 E.

**Chart temporarily affected - Aus 269**

**957(T)/2020 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instrument**

Maritime Safety Queensland Notice 392(T)/2020

A special spar light buoy, *Fl.Y.2-5s*, exists in position 19° 52'.98 S 148° 04'.94 E.

**Chart temporarily affected - Aus 255**

**958(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Reach - Harbour works**

Maritime Safety Queensland Notice 409(T)/2020

Barge *Enviro II* is conducting works to remove the jetty (27° 27'.11 S 153° 02'.95 E).

The area is marked by special light buoys, *Fl.Y.4s*.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**959(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Harbour works**

*Former Notice - 808(T)/2020 is cancelled*

Maritime Safety Queensland Notice 193(T)/2020, 337(T)/2020, 397(T)/2020

Works associated with the construction of the Queens Wharf Brisbane are in progress on the northern shoreline in the vicinity of position 27° 28'.43 S 153° 01'.41 E.

Starboard lateral light buoys, *Fl.G.2-5s*, exist in positions 27° 28'.29 S 153° 01'.28 E and 27° 28'.66 S 153° 01'.53 E to mark safe water.

Flashing yellow lights will mark piles when left unattended during phases of construction.

All vessels will display appropriate lights and shapes; and will monitor VHF Ch 12, Ch 13 and Ch 16.

Construction of bridge pylons are in progress in positions 27° 28'.50 S 153° 01'.29 E, 27° 28'.48 S 153° 01'.35 E and 27° 28'.47 S 153° 01'.45 E.

The barge *Darwin* and support vessels are on site. The barge will deploy anchors marked by yellow lights.

The construction zone is marked by special light buoys and only authorised vessels are permitted to enter.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 238**

**998(T)/2020 AUSTRALIA - QUEENSLAND - Boyne River - Light buoy off station**

Maritime Safety Queensland Notice 423(T)/2020

The special light buoy, *Fl.Y.2-5s* (23° 55'.64 S 151° 22'.05 E), is off station and in position 23° 56'.18 S 151° 21'.40 E.

**Chart temporarily affected - Aus 246**

**1005(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton and Quarantine Reach - Dredging operations**

Maritime Safety Queensland Notice 424(T)/2020

The dredge *Brisbane* and barge *Nautilus* are conducting dredging operations in the vicinity of position 27° 24'.98 S 153° 08'.73 E.

The barge has deployed anchors marked by special light buoys, *Fl.Y.4s*, in positions:

27° 25'.02 S 153° 08'.69 E

27° 25'.03 S 153° 08'.72 E

27° 24'.94 S 153° 08'.75 E

27° 24'.95 S 153° 08'.77 E.

A floating pipeline exists from the barge to the shore.

Mariners are advised to navigate with caution in the area.

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

**1006(T)/2020 AUSTRALIA - QUEENSLAND - Keppel Bay - Light buoy unlit**

Maritime Safety Queensland Notice 417(T)/2020

The port lateral light buoy, *Fl.R.2s No2* (23° 26'.09 S 150° 58'.88 E), is unlit.

**Chart temporarily affected - Aus 247 - Aus 265**

**1008(T)/2020 AUSTRALIA - QUEENSLAND - Townsville - Wreck**

Maritime Safety Queensland Notice 427(T)/2020

A wreck marked by a special light buoy, Q.Y, exists in position 19° 14'.91 S 146° 49'.57 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 256**

**1049(P)/2020 AUSTRALIA - TORRES STRAIT - Deliverance Island - Shoaling**

HMAS *Albany*

Latest survey shows shoaling exists as follows:

<i>Depth</i>	<i>Position</i>
1.1m	9° 32'.89 S 141° 27'.03 E
3.6m	9° 32'.22 S 141° 27'.73 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - Aus 842**

**16(T)/2021 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Light beacon destroyed**

Maritime Safety Queensland Notice 465(T)/2020

The east cardinal light beacon, *Q(3)10s* (24° 45'.19 S 152° 28'.12 E), has been destroyed; a light buoy, *Fl.2.5s*, exists in situ.

**Chart temporarily affected - Aus 817 - Aus 818**

**17(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoy off station**

Maritime Safety Queensland Notice 453(T)/2020

The port lateral light buoy, *Fl.R.4s NE4* (27° 02'.44 S 153° 20'.71 E), is off station.

Mariners are advised to navigate with caution in the area.

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

**19(T)/2021 AUSTRALIA - QUEENSLAND - Thud Point - Scientific instrument**

Maritime Safety Queensland Notice 4(T)/2021

A special light buoy, *Fl.Y.6s*, exists in position 13° 03'.14 S 141° 32'.82 E.

**Chart temporarily affected - Aus 301**

**20(T)/2021 AUSTRALIA - QUEENSLAND - Whitsunday Island - Surprise Rock - Light buoy off station**

Maritime Safety Queensland Notice 452(T)/2020

The isolated danger light buoy, *Fl(2)6s* (20° 21'.27 S 149° 01'.57 E), is off station.

Mariners are advised to navigate with caution in the area.

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

**21(T)/2021 AUSTRALIA - CORAL SEA - Middleton Reef - Unexploded ordnance**  
Parks Australia

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

29° 27'.12 S 159° 02'.92 E  
29° 26'.58 S 159° 02'.92 E  
29° 26'.58 S 159° 03'.55 E  
29° 27'.12 S 159° 03'.55 E.

Unexploded ordnance may exist in the area and mariners are advised to navigate with caution.

**Chart temporarily affected - Aus 618**

**56(T)/2021 AUSTRALIA - QUEENSLAND - Fraser Island - Elbow Point - Shoaling**  
Navionics

Depths of less than 1m have been reported in an area bounded by the following positions:

25° 44'.40 S 152° 59'.29 E  
25° 44'.71 S 152° 59'.37 E  
25° 44'.89 S 153° 00'.30 E  
25° 44'.66 S 153° 00'.38 E  
25° 44'.40 S 152° 59'.77 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart temporarily affected - Aus 240**

**62(T)/2021 AUSTRALIA - QUEENSLAND - Gladstone - South Trees Island - Scientific instrument**  
Maritime Safety Queensland Notice 171(T)/2020

A scientific instrument marked by a light buoy, *Fl. Y. 6s*, exists in position 23° 51'.71 S 151° 19'.62 E.

**Chart temporarily affected - Aus 245 - Aus 246**

**64(T)/2021 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 245**

**66(T)/2021 AUSTRALIA - QUEENSLAND - Gladstone - Boyne Island to Worthington Island - Scientific instruments**  
Maritime Safety Queensland Notice 291(T)/2020

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

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

**Chart temporarily affected - Aus 245 - Aus 246 - Aus 247**



**68(T)/2021 AUSTRALIA - QUEENSLAND - Gladstone - Scientific instruments**

Maritime Safety Queensland Notice 390(T)/2020

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

23° 45'.53 S 151° 09'.49 E

23° 45'.92 S 151° 10'.87 E

23° 44'.71 S 151° 09'.62 E.

**Chart temporarily affected - Aus 245 - Aus 247**

**72(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Light beacon destroyed**

Maritime Safety Queensland Notice 008(T)/2021

The port lateral light beacon, *Fl.R.3s No2* (27° 26'.66 S 153° 12'.46 E), has been destroyed.

**Chart temporarily affected - Aus 236**

**73(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Light buoy off station**

Maritime Safety Queensland 007(T)/2021

The west cardinal light buoy, *Q(9) 15s* (27° 19'.90 S 153° 13'.95 E), is off station.

**Chart temporarily affected - Aus 236**

**74(T)/2021 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Wreck, light buoy**

Maritime Safety Queensland 466(T)/2020

A wreck marked by a special conical light buoy, *Fl.Y.2-5s*, exists in position 26° 48'.39 S 153° 07'.51 E.

**Chart temporarily affected - Aus 235**

**111(T)/2021 AUSTRALIA - QUEENSLAND - Fitzroy River - Middle Channel - Scientific instrument**

Maritime Safety Queensland Notice 31/2021

A special light buoy, *Q.Y.*, exists in position 23° 28'.23 S 150° 56'.37 E.

**Chart temporarily affected - Aus 247 - Aus 265**

**112(T)/2021 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tin Can Bay - Wreck, light buoy**

Maritime Safety Queensland Notice 23(T)/2021

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 25° 54'.62 S 153° 00'.90 E.

**Chart temporarily affected - Aus 240**

**114(T)/2021 AUSTRALIA - QUEENSLAND - North Stradbroke Island - Polka Point - Wreck; light buoy**

Maritime Safety Queensland Notice 18(T)/2021

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 27° 29'.51 S 153° 24'.01 E.

**Chart temporarily affected - Aus 236**

**153(T)/2021 AUSTRALIA - QUEENSLAND - Breaksea Spit - Light buoy withdrawn**

*Former Notice - 916(T)/2020* is cancelled

Australian Maritime Safety Authority Temporary ATH 1/2021

The north cardinal light buoy, *Q A/S Racon (G)* (24° 21'.22 S 153° 08'.97 E), has been temporarily withdrawn. A north cardinal pillar light buoy, *Q A/S Racon (G)*, exists in situ.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 490 - Aus 816 - Aus 818 - Aus 4635 (INT 635)**

**155(T)/2021 AUSTRALIA - QUEENSLAND - Lindeman Island - Light beacon unlit**  
Maritime Safety Queensland Notice 35(T)/2021

The light beacon, *Fl.G.2-5s* (20° 27'.64 S 149° 02'.61 E), is unlit.

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

**157(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Wreck**  
Maritime Safety Queensland Notice 48(T)/2021

A wreck exists in position 27° 26'.35 S 153° 25'.43 E.

**Chart temporarily affected - Aus 236**

**161(T)/2021 AUSTRALIA - QUEENSLAND - Repulse Bay - Light buoy**  
Maritime Safety Queensland Notice 34(T)/2021

A special light buoy, *Fl.Y.3s*, exists in position 20° 34'.57 S 148° 44'.11 E.

**Chart temporarily affected - Aus 252 - Aus 824**

**166(T)/2021 AUSTRALIA - TORRES STRAIT - Great North East Channel - Survey operations**  
*Former Notice - 76(T)/2021 is cancelled*  
Maritime Safety Queensland Notice 55(T)/2021

*MV Offshore Guardian* is conducting survey operations in an area bounded by the following positions:

09° 48'.7 S 143° 04'.4 E  
09° 48'.7 S 143° 20'.4 E  
09° 25'.9 S 143° 37'.3 E  
09° 21'.6 S 143° 30'.8 E  
09° 30'.0 S 143° 16'.2 E.

Tide gauges, marked by special light buoys, *Fl.4.5s*, exist in the following positions:

09° 45'.5 S 143° 15'.4 E  
09° 38'.0 S 143° 27'.0 E  
09° 27'.3 S 143° 33'.8 E  
09° 37'.2 S 143° 17'.5 E  
09° 29'.8 S 143° 19'.7 E  
09° 41'.8 S 143° 09'.4 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 837 - Aus 839 - Aus 840**

**197(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Peel Island - Wreck**  
Maritime Safety Queensland , G Luck

A wreck exists in position 27° 30'.30 S 153° 19'.33 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**198(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Light buoys repositioned; nav aids established**

*Former Notice - 922(T)/2020 is cancelled*  
Maritime Safety Queensland Notice 326(T)/2020, 381(T)/2020, 47(T)/2021

The following light buoys have been temporarily repositioned:

<i>Characteristic</i>	<i>Chartered Position</i>	<i>New Position</i>
<i>Fl.G.2-5s No1</i>	27° 22'.79 S 153° 26'.01 E	27° 22'.88 S 153° 26'.05 E
<i>Q No2</i>	27° 23'.32 S 153° 26'.05 E	27° 22'.99 S 153° 26'.07 E
<i>Fl.G.6s No5</i>	27° 23'.09 S 153° 24'.94 E	27° 23'.31 S 153° 25'.08 E
<i>Fl.G.2-5s No11</i>	27° 23'.96 S 153° 23'.42 E	27° 23'.79 S 153° 23'.35 E
<i>Fl.G.6s No13</i>	27° 24'.48 S 153° 22'.03 E	27° 24'.34 S 153° 22'.36 E

The following nav aids have been temporarily established:

<i>Position</i>	<i>Remarks</i>
27° 23'.87 S 153° 24'.03 E	port lateral cylindrical light buoy, <i>Fl.R.2.5s No20</i>
27° 23'.75 S 153° 24'.18 E	starboard lateral conical light buoy, <i>Fl.G.2.5s No21</i>
27° 23'.62 S 153° 24'.71 E	starboard lateral conical buoy, <i>No19</i>
27° 23'.60 S 153° 25'.00 E	port lateral cylindrical light buoy, <i>Fl.R.2.5s No18</i>

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**247(T)/2021 AUSTRALIA - QUEENSLAND - Cape Ferguson - Scientific instrument**  
Australian Institute of Marine Science

A special spar light buoy, *Q(4)Y.18s*, exists in position 19° 16'.52 S 147° 03'.84 E.

**Chart temporarily affected - Aus 256**

**249(P)/2021 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 367 - Aus 822**

**251(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Wanga Wallen Bank - Wreck; light buoy**  
Maritime Safety Queensland Notice 80(T)/2021

A wreck marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 26'.40 S 153° 25'.33 E.

**Chart temporarily affected - Aus 236**

**279(T)/2021 AUSTRALIA - QUEENSLAND - Alpha Rock to Varzin Passage - Scientific instruments**  
EGS Survey Pty Ltd

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

10° 32'.1 S 141° 51'.9 E  
10° 33'.4 S 141° 59'.5 E  
10° 31'.2 S 142° 10'.5 E  
10° 28'.3 S 142° 26'.8 E  
10° 36'.4 S 142° 30'.7 E.

**Chart temporarily affected - Aus 292 - Aus 293 - Aus 296 - Aus 700 - Aus 839 - Aus 841 - Aus 842**

**328(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light beacon unreliable**  
Maritime Safety Queensland Notice 103(T)/2021

The light beacon, *Fl.Y.1.5s S1* (27° 02'.88 S 153° 15'.99 E), is unreliable.

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

**329(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Waterloo Bay - Dredging operations**

Former Notice - 156(T)/2021 is cancelled

Maritime Safety Queensland Notice 115(T)/2021

The vessels *Ken Harvey* and *Frank Wilson* are conducting dredging operations in the channel (27° 28'.05 S 153° 13'.24 E).

The vessels will moor in positions 27° 27'.20 S 153° 12'.87 E and 27° 27'.25 S 153° 12'.99 E when not in use.

The vessels will monitor VHF Ch 13.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236**

**330(T)/2021 AUSTRALIA - QUEENSLAND - Moreton Bay - Lamb Island - Wreck; light buoy**

Maritime Safety Queensland Notice 104(T)/2021

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 27° 37'.89 S 153° 22'.51 E.

**Chart temporarily affected - Aus 236**

**332(T)/2021 AUSTRALIA - QUEENSLAND - Poll Islet - Wreck**

Maritime Safety Queensland, Australian Border Force

A stranded wreck exists in position 10° 15'.17 S 142° 49'.58 E.

**Chart temporarily affected - Aus 839 - Aus 841**

**334(T)/2021 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging operations**

Maritime Safety Queensland Notice 120(T)/2021

The barge *PMG 121* and support vessels are conducting dredging operations in the Ross River entrance (19° 15'.39 S 146° 50'.82 E).

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

Mariners are advised to navigate with caution in the area.

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

**336(T)/2021 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Wreck; light buoy**

Maritime Safety Queensland Notice 127(T)/2021

A wreck marked by a special light buoy, *Q.Y.*, exists in position 19° 16'.52 S 146° 49'.94 E.

**Chart temporarily affected - Aus 256**

**337(P)/2021 AUSTRALIA - TORRES STRAIT - Boigu Island - Shoaling**

HMAS *Leeuwin*

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

9° 14'.38 S 142° 15'.82 E

9° 15'.78 S 142° 19'.88 E

9° 15'.49 S 142° 20'.00 E

9° 13'.58 S 142° 16'.26 E;

and

9° 12'.49 S 142° 15'.50 E

9° 12'.33 S 142° 13'.73 E

9° 13'.16 S 142° 13'.24 E

9° 13'.20 S 142° 15'.21 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - Aus 841**

**369(T)/2021 AUSTRALIA - QUEENSLAND - Abbot Point - Virtual AIS**  
Maritime Safety Queensland Notice 123(T)/2021

Virtual AIS exist as follows:

<i>Position</i>	<i>Remarks</i>
19° 50'.57 S 148° 05'.31 E	starboard lateral AIS
19° 51'.21 S 148° 05'.12 E	starboard lateral AIS
19° 51'.11 S 148° 05'.81 E	port lateral AIS
19° 51'.36 S 148° 05'.66 E	port lateral AIS.

**Chart temporarily affected - Aus 255**

**372(T)/2021 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 834**

**374(T)/2021 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Wild Cattle Cutting - Light beacon altered;  
light buoy**

*Former Notice* - 158(T)/2020 is cancelled  
Maritime Safety Queensland Notice 45(T)/2020, 134(T)/2021

The light beacon, *Fl.R.4s S10* (23° 55'.68 S 151° 28'.81 E), has been temporarily altered to *Fl.Y.3s*.

A port lateral buoy, *Fl.R.4s*, exists in position 23° 55'.66 S 151° 28'.84 E.

**Chart temporarily affected - Aus 246**

**375(T)/2021 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Light buoys**

*Former Notice* - 372(T)/2017 is cancelled  
Maritime Safety Queensland Notice 61(T)/2016, 146/2017, 145(T)/2021

Light buoys exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristics</i>
UC1	25° 09'.10 S 152° 50'.54 E	<i>Fl.G.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**

**376(T)/2021 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Mary River - Beaver Rock - Light buoy**  
Maritime Safety Queensland Notice 130(T)/2021

A port lateral light buoy, *Fl.R.3s*, exists in position 25° 29'.56 S 152° 51'.01 E.

**Chart temporarily affected - Aus 241**

**377(T)/2021 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Tooth Island - Light beacon destroyed**  
Maritime Safety Queensland Notice 150(T)/2021

The light beacon, *Fl.G.2·5s* (25° 33'.11 S 152° 55'.42 E), has been destroyed.

**Chart temporarily affected - Aus 240**

**378(T)/2021 AUSTRALIA - QUEENSLAND - Karumba - Shoaling**

*Former Notice* - 819(T)/2020 is cancelled  
Maritime Safety Queensland Notice 141/2021

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

Mariners should not navigate along the charted recommended track between beacons No8 and No10 and instead should navigate between the Elbow Bank special light buoys, *Fl. Y. 2-5s*, to follow the change in channel position.

Mariners are advised to navigate with caution in the area.

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

##### **380(T)/2021 AUSTRALIA - QUEENSLAND - North Stradbroke Island - Polka Point - Obstruction**

Maritime Safety Queensland Notice 142(T)/2021

An obstruction exists in position 27° 29'.52 S 153° 24'.09 E.

Mariners are advised to pass north of the obstruction and to navigate with caution in the area.

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

##### **383(T)/2021 AUSTRALIA - QUEENSLAND - Townsville - Navaid re-alignment works; virtual AIS; light**

*Former Notice - 335(T)/2021 is cancelled*

Maritime Safety Queensland Notice 122(T)/2021, 125(T)/2021, 144(T)/2021

Barge *PMG181* and support vessels are conducting works to re-align navaids in the channel as part of the Townsville Port Expansion Project.

Light beacons will be temporarily withdrawn and virtual AIS have been established at the following light beacons:

19° 10'.46 S 146° 52'.53 E

19° 11'.25 S 146° 52'.21 E

19° 11'.73 S 146° 51'.84 E

19° 12'.20 S 146° 51'.54 E

19° 12'.66 S 146° 51'.24 E

19° 13'.12 S 146° 50'.95 E

19° 13'.58 S 146° 50'.65 E

19° 14'.05 S 146° 50'.35 E

19° 14'.58 S 146° 50'.03 E.

A light, Q, exists in position 19° 14'.66 S 146° 49'.97 E.

Mariners are advised to navigate with caution in the area.

#### **Chart temporarily affected - Aus 256**

##### **384(T)/2021 AUSTRALIA - QUEENSLAND - Weipa - Dredging operations**

Maritime Safety Queensland Notice 137(T)/2021

The dredge *Brisbane*, bed levelling vessel *Pacific Titan* and survey vessel *Christopher B* are conducting dredging, bed levelling and survey operations in the Port of Weipa (12° 40'.70 S 141° 47'.00 E) and Amrun (12° 55'.36 S 141° 36'.53 E).

Vessels will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

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

##### **385(T)/2021 AUSTRALIA - CORAL SEA - Lihou Reef - Light unlit**

Australian Maritime Safety Authority NAVAREA X 44/2021

The light, *Fl. 10s 33m 19M* (17° 07'.75 S 152° 08'.47 E), is unlit.

#### **Chart temporarily affected - Aus 614 - Aus 4602 (INT 602) - Aus 4604 (INT 604) - Aus 4621 (INT 621)**

## 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)**

### **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)**

### **462(T)/2020 AUSTRALIA - NORTHERN TERRITORY - Bass Reef - Obstruction**

Department of Infrastructure, Planning and Logistics NT Coastal Notice 1(T)/2020

A ghost net has been reported in position 12° 27'.82 S 130° 19'.12 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 309 - Aus 316 - Aus 722**

### **211(T)/2021 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**

### **213(T)/2021 AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Ground - Light buoy off station**

Department of Infrastructure, Planning and Logistics NT Notice 32(T)/2020

The special light buoy, *Q.Y* (12° 23'.39 S 130° 46'.28 E), is off station.

**Chart temporarily affected - Aus 25**

### **215(T)/2021 AUSTRALIA - NORTHERN TERRITORY - Darwin Naval Base - Harbour works; exclusion zone**

Department of Infrastructure, Planning and Logistics NT Notice 63/2020

Harbour works associated with wharf redevelopment are in progress in an area bounded by the coast and the following:

<i>Position</i>	<i>Remarks</i>
12° 27'.49 S 130° 49'.05 E	
12° 27'.52 S 130° 48'.98 E	special light buoy, <i>Fl.Y</i>
12° 27'.56 S 130° 48'.95 E	special light buoy, <i>Fl.Y</i>
12° 27'.61 S 130° 48'.92 E	special light buoy, <i>Fl.Y</i>
12° 27'.68 S 130° 48'.96 E	special light buoy, <i>Fl.Y</i>
12° 27'.85 S 130° 49'.25 E	special light buoy, <i>Fl.Y</i>
12° 27'.80 S 130° 49'.27 E	special light buoy, <i>Fl.Y</i>
12° 27'.76 S 130° 49'.30 E	special light buoy, <i>Fl.Y</i>

12° 27'.73 S 130° 49'.32 E.

An exclusion zone exists in the area and only authorised vessels are permitted to enter.

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

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

**388(T)/2021 AUSTRALIA - NORTHERN TERRITORY - Gove Harbour - Light buoy off station**  
Rio Tinto

The starboard lateral light buoy, *Fl.G.4s* (12° 11'.78 S 136° 41'.20 E), is off station.

**Chart temporarily affected - Aus 15**

**389(T)/2021 AUSTRALIA - TIMOR SEA - Van Cloon Shoal - Subsea operations northwards**  
Gulf Agency Company (Australia)

On or about 5 May 2021, vessel *CS Reliance* and a ROV will be conducting cable repair operations in an area bounded by the following positions:

11° 32'.30 S 126° 28'.29 E

11° 30'.74 S 126° 26'.77 E

11° 19'.18 S 126° 38'.16 E

11° 20'.59 S 126° 39'.81 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 312 - Aus 315 - Aus 4721 (INT 721)**



## 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**

### **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**

### **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, *F(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**

**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**

**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)**

**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**

**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, *Fl(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**

**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**

**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**

**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

D21 20° 10'.0 S 118° 36'.0 E  
D22 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**

**497(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Teggs Channel - Dredging operations**  
Department of Transport WA Notice 64/2020

The dredge *Mudlark I* is conducting dredging operations in the Teggs Channel (24° 54'.37 S 113° 38'.10 E).

A 40m 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 27 Meg Ch 90.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 73**

**498(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Trigg Island - Scientific instruments westwards**  
Department of Transport WA Notice 66/2020

Special light buoys, *Q(5)Y.20s*, exist in positions 31° 52'.70 S 115° 43'.11 E and 31° 52'.53 S 115° 43'.32 E.

**Chart temporarily affected - Aus 112**

**575(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Geographe Bay - Scientific instruments**  
*Former Notice - 1070(T)/2019 is cancelled*  
Department of Transport WA Notice 69/2020

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

33° 37'.34 S 115° 23'.75 E  
33° 37'.34 S 115° 23'.84 E  
33° 37'.50 S 115° 22'.28 E  
33° 37'.50 S 115° 22'.34 E  
33° 38'.07 S 115° 22'.40 E  
33° 38'.08 S 115° 22'.27 E.

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

**722(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Light buoy**  
Mid West Ports Notice 4/2020

A special spar light buoy, *Fl.Y.4s*, exists in position 28° 46'.37 S 114° 36'.18 E.

**Chart temporarily affected - Aus 81**

**781(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Scientific instrument**  
Department of Transport WA

A scientific instrument marked by a special light buoy, *Fl.Y.3s*, exists on the seabed in position 24° 54'.55 S 113° 37'.50 E.

**Chart temporarily affected - Aus 73**

**782(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Harbour works**  
Fremantle Ports Notice 11(T)/2020

Remediation works are in progress at Kwinana Grain Jetty (32° 15'.30 S 115° 44'.75 E).

A 50m exclusion zone exists around the jetty and only authorised commercial vessels and vessels associated with the works are permitted to enter.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 117 - Aus 754 - Aus 755**

**875(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards**

Australian Maritime Safety Authority Auscoast Warning 290/2020

Drill rig *Maersk Deliverer* is conducting drilling operations in position 13° 54'.3 S 123° 09'.8 E.

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

**879(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - INDIAN OCEAN - Perth to Cocos (Keeling) Islands - Survey operations**

Subcom

MV *Ocean Surveyor* is conducting survey operations between the following positions:

31° 56'.25 S 115° 45'.40 E  
31° 53'.69 S 115° 40'.67 E  
31° 49'.09 S 115° 39'.21 E  
31° 49'.96' S 115° 12'.40 E  
31° 44'.68 S 114° 47'.17 E  
31° 32'.00 S 114° 25'.96 E  
31° 33'.25 S 114° 19'.08 E  
31° 06'.17 S 113° 06'.55 E  
31° 02'.03 S 112° 28'.52 E  
23° 16'.34 S 100° 40'.71 E  
15° 56'.58 S 93° 49'.21 E  
15° 22'.92 S 93° 51'.70 E  
13° 19'.50 S 95° 06'.42 E  
12° 11'.21 S 96° 49'.67 E;  
and  
31° 24'.45 S 113° 50'.29 E  
31° 32'.51 S 114° 03'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 112 - Aus 606 - Aus 607 - Aus 754 - Aus 4060 (INT 60) - Aus 4070 (INT 70) - Aus 4071 (INT 71) - Aus 4708 (INT 708) - Aus 4709 (INT 709) - Aus 4714 (INT 714) - Aus 4725 (INT 725)**

**932(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Cooke Point - Scientific instruments**

Pilbara Ports Authority Notice 13(T)/2020

Scientific instruments exist in the following positions:

20° 19'.08 S 118° 40'.46 E  
20° 18'.88 S 118° 40'.41 E  
20° 18'.63 S 118° 40'.26 E  
20° 18'.06 S 118° 40'.08 E  
20° 17'.63 S 118° 40'.01 E  
20° 18'.89 S 118° 40'.23 E  
20° 18'.88 S 118° 40'.57 E  
20° 18'.04 S 118° 39'.78 E  
20° 16'.56 S 118° 45'.46 E  
20° 16'.92 S 118° 45'.22 E  
20° 17'.18 S 118° 45'.50 E  
20° 16'.57 S 118° 45'.05 E  
20° 15'.75 S 118° 45'.65 E  
20° 15'.76 S 118° 44'.79 E  
20° 18'.88 S 118° 40'.62 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 326**

**933(T)/2020 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° 58'.54 S

115° 23'.27 E.

**Chart temporarily affected - Aus 754**

**966(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards**  
Monson Offshore

On or about 23 November 2020 vessel *Maersk Master* will be conducting subsea operations between the following positions:  
19° 51'.56 S 114° 29'.56 E and 19° 51'.19 S 114° 30'.98 E  
and  
20° 34'.40 S 114° 45'.72 E and 20° 34'.60 S 114° 46'.71 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 328**

**968(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Reef to Ningaloo Reef - Scientific instruments**  
Department of Transport WA

Special light buoys, *Fl. Y.2-5s*, exist in positions 21° 50'.14 S 114° 16'.78 E and 21° 53'.73 S 113° 55'.59 E.

**Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - Aus 745**

**969(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Joseph Bonaparte Gulf - Subsea operations**  
Santos

On or about 23 November 2020, vessel *Bhahwan K* will be conducting subsea operations in an area bounded by the following positions:

13° 19'.92 S 128° 00'.07 E  
13° 19'.92 S 128° 10'.07 E  
13° 09'.92 S 128° 10'.07 E  
13° 09'.92 S 128° 00'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 318 - Aus 4721 (INT 721)**

**970(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Mandurah - Harbour works**  
Department of Transport WA

Works associated with the construction of the Mandurah Estuary pool seawalls are in progress on the foreshore in the vicinity of position 32° 31'.98 S 115° 43'.09 E.

The works area is marked by a silt curtain and special light buoys.

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

**Chart temporarily affected - Aus 116**

**971(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Mavis Reef - Scientific instruments eastwards**  
*Former Notice - 930(T)/2020 is cancelled*  
MMA Offshore , Exodus Hydrographic Surveys

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

15° 18'.43 S 123° 56'.37 E  
15° 34'.72 S 123° 28'.53 E  
15° 35'.35 S 123° 28'.80 E  
15° 40'.73 S 123° 49'.22 E  
15° 43'.65 S 123° 28'.87 E.

Mariners are advised to navigate with caution in the area. 1M clearance requested.

**Chart temporarily affected - Aus 320 - Aus 323 - Aus 732**

**972(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments**

Pilbara Ports Authority Notice 15(T)/2020

Scientific instruments exist in the following positions:

20° 18'.27 S 118° 31'.00 E  
20° 17'.79 S 118° 35'.44 E  
20° 17'.69 S 118° 34'.67 E.

Mariners are advised to navigate with caution in the area.

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

**1010(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Scientific instruments**

Department of Transport WA Notice 81/2020

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

30° 16'.57 S 115° 02'.08 E  
30° 16'.66 S 115° 02'.10 E  
30° 18'.09 S 115° 01'.19 E  
30° 18'.15 S 115° 00'.65 E  
30° 17'.05 S 115° 02'.24 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 84 - Aus 753**

**1011(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Dredging operations**

Department of Transport WA Notice 100/2020

The dredge *Cooper II* is conducting dredging operations in Jurien Bay Boat Harbour (30° 17'.3 S 115° 02'.4 E).

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

The dredge will display appropriate lights and shapes.

Mariners are required to contact the dredge on VHF Ch 16 and Marine 27MHz Ch 88 prior to passing the dredge and are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 84**

**1053(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards**

Allseas Marine Contractors Australia

On or about 1 January 2021, vessels *Audacia* and *Fotitude* will be conducting pipe laying and subsea operations in areas bounded by the following positions:

19° 52'.47 S 114° 29'.66 E  
19° 49'.25 S 114° 36'.08 E  
19° 48'.30 S 114° 35'.49 E  
19° 51'.48 S 114° 29'.12 E;  
and  
20° 29'.38 S 114° 49'.63 E  
20° 34'.25 S 114° 44'.32 E  
20° 36'.54 S 114° 46'.69 E  
20° 31'.67 S 114° 52'.00 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 328**

**1055(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Kendrew Island - Scientific instrument**

Department of Transport WA

A special light buoy, *Fl. Y.2.5s*, exists in position 20° 28'.72 S 116° 31'.02 E.

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

**1056(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Subsea operations northwestwards**



Sapura Energy Australia

Vessel *Sapura Constructor* is conducting subsea operations in vicinity of position 21° 32'.72 S 114° 05'.71 E.

Mariners are advised to navigate with caution in the area.

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

**24(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Navaid works**

Pilbara Ports Authority Notice D01(T)/2021

Barge *Resurgent* and support vessel *Jetwave Incentive* are conducting works to replace/refurbish light beacons in Dampier.

The following light beacons will be replaced/refurbished:

<i>Position</i>	<i>Light Characteristic</i>
20° 36'.52 S 116° 41'.60 E	Q.R 6E
20° 36'.85 S 116° 41'.55 E	Fl.R.3s 7E
20° 37'.01 S 116° 41'.39 E	Fl.G.3s 7W
20° 37'.19 S 116° 41'.33 E	Fl.G.3s Gamma
20° 37'.24 S 116° 41'.59 E	Fl.R.3s Beta
20° 37'.43 S 116° 41'.45 E	Fl.3s Mid Ground
20° 38'.07 S 116° 41'.15 E	Fl.G.3s 12W
20° 38'.59 S 116° 40'.69 E	Fl.G.2s 13W
20° 37'.61 S 116° 41'.74 E	Fl.R.3s 8E
20° 37'.75 S 116° 41'.69 E	Fl.G.3s 8W
20° 37'.79 S 116° 41'.90 E	Fl.R.3s 9E
20° 38'.18 S 116° 42'.06 E	Fl.G.3s 9W
20° 38'.16 S 116° 41'.80 E	F.Bu & Q
20° 38'.69 S 116° 41'.96 E	Fl.R.3s 1P
20° 38'.26 S 116° 39'.16 E	Q.G

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 57 - Aus 60**

**77(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Champion Bay - Scientific instruments**

Mid West Ports 01/2021

Scientific instruments exist on the seabed in the following positions:

28° 44'.18 S 114° 36'.74 E  
28° 45'.37 S 114° 36'.61 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 81**

**217(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Survey operations northwestwards**

Santos

MV *Vigilant* and a ROV are conducting an inspection survey in an area bounded by the following positions:

19° 10'.9 S 116° 34'.0 E  
19° 10'.9 S 116° 48'.3 E  
19° 22'.4 S 116° 48'.3 E  
19° 22'.4 S 116° 34'.0 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 327**

**257(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islet - Seismic survey northwards**

Santos

On or about 7 April 2021, vessel *Shearwater Geo Coral*, with a 9000m towed array, and support vessels *Mariska-G* and *Empress* are conducting a seismic survey in areas bounded by the following positions:

19° 15'.40 S 117° 52'.85 E

19° 33'.02 S 118° 00'.58 E  
19° 03'.83 S 119° 11'.43 E  
18° 46'.35 S 119° 03'.60 E;  
and  
18° 40'.96 S 118° 16'.16 E  
19° 26'.67 S 119° 42'.39 E  
19° 26'.84 S 120° 00'.00 E  
18° 17'.34 S 120° 00'.00 E  
17° 55'.78 S 119° 30'.13 E  
17° 57'.94 S 118° 45'.42 E.

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

**Chart temporarily affected - Aus 325 - Aus 326**

**283(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Armament Jetty - Harbour works**  
HMAS *Stirling*

Harbour works associated with the extension of the jetty are in progress in the vicinity of position 32° 10'.54 S 115° 40'.87 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 117 - Aus 754**

**284(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Naturaliste Channel - Scientific instrument**  
Department of Transport WA Notice 38/2021

A special light buoy, *Fl.Y.2-5s*, exists in position 25° 25'.21 S 113° 07'.81 E.

**Chart temporarily affected - Aus 331**

**285(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Ocean Reef Boat Harbour - Artificial reef westwards**  
TAMS Group

On or about 6 April 2021, MV *Offshore Supplier* will be conducting works to establish an artificial reef in the vicinity of position 31° 45'.60 S 115° 38'.96 E.

The vessel will display appropriate lights and shapes and monitor VHF Ch 16 and Ch 73.

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

**Chart temporarily affected - Aus 754**

**342(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Harbour works**  
Mid West Ports Notice 9/2021

Vessels *Margaret*, *Anne Marie* and *Valiant II* and support vessels *Marie Pierre* and *AMS 14* are conducting replacement works on light beacon, *Oc.R.3s 7M No2*, and remediation works including diving operations on beacons *No1* and beacons *No7* to *No22* in the entrance channel (28° 45'.27 S 114° 35'.66 E). A 100m exclusion zone exists around the works.

Colours and shapes of the nav aids may be temporarily obscured during the works.

Vessels will monitor VHF Ch 11 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 81**

**343(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Subsea operations northwestwards**  
Woodside Energy Ltd

On or about 20 April 2021, vessel *Seven Oceans* will be conducting pipe laying and subsea operations between positions 20° 01'.86 S 115° 12'.15 E and 20° 08'.88 S 115° 02'.46 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 328 - Aus 742**

**390(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments northwestwards**  
Technip FMC

Special spherical light buoys, *Fl(5)Y.20s*, exist in positions 19° 55'.21 S 114° 27'.21 E and 20° 29'.00 S 114° 48'.97 E.

**Chart temporarily affected - Aus 328**

**391(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards**  
Chevron Australia

On or about 4 May 2021, Vessel *Skandi Hercules* and a ROV will be conducting subsea operations in the vicinity of positions 19° 51'.17 S 114° 30'.91 E, 20° 24'.48 S 114° 50'.96 E and 20° 34'.63 S 114° 46'.62 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 328**

**394(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Maintenance operations**  
Chevron Australia Notice 1/2021

On or about 3 May 2021, vessels *CMV Athos*, *Bhagwan Abolhos* and *Adrenalin Sprint* will be conducting maintenance operations on the CBM Tanker Mooring within a 1M radius of position 20° 48'.8 S 115° 33'.2 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 65 - Aus 327 - Aus 742 - Aus 743**

**397(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Flat Island - Drill rig**  
Sapura Energy

Drill rig *Valaris 107* is conducting drilling operations in position 21° 33'.09 S 114° 35'.06 E.

**Chart temporarily affected - Aus 328 - Aus 744**

**399(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Hall Bank - Light beacon damaged**  
Fremantle Ports Notice 2(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 754**

**401(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Dredging operations**  
Fremantle Ports Notice 2/2018

The dredge *Modi-R* is conducting dredging operations in an 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 117 - Aus 754**

**404(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Koolan Island - Mooring buoy**  
Trinacria Consulting

The mooring buoy (16° 09'.15 S 123° 45'.05 E) has sunk in position.

**Chart temporarily affected - Aus 40 - Aus 41**

**405(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Drill rig northwestwards**  
Santos

Drill rig *Valaris MS-1* is conducting drilling operations in positions 21° 23'.86 S 114° 04'.08 E and 21° 23'.21 S 114° 04'.60 E.

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

**407(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Well plug and abandonment works eastwards**  
Woodside Energy Ltd

Drill rig *Ocean Apex* and support vessel *Normand Saracen* are conducting well plug and abandonment works in the following positions:

19° 30'.88 S 116° 02'.28 E

19° 44'.28 S 115° 44'.90 E

19° 44'.72 S 115° 44'.19 E

19° 43'.08 S 115° 51'.98 E

19° 42'.59 S 115° 53'.24 E

19° 43'.27 S 115° 51'.18 E

19° 26'.12 S 116° 28'.86 E.

Two special light buoys, *Fl.7s*, will be established at each location while works are in progress.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 327**

**408(T)/2021 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Light altered**  
Australian Maritime Safety Authority Auscoast Warning 65/2021

The light, *Fl.7-5s 80m 26M* (32° 00'.44 S 115° 30'.25 E), has been temporarily altered to *Fl.7-5s 80m 20M*.

**Chart temporarily affected - Aus 112 - Aus 754 - Aus 4708 (INT 708) - Aus 4709 (INT 709) - Aus 4725 (INT 725) - Aus 4726 (INT 726)**

## SOUTH AUSTRALIA

### **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**

### **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**

### **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**

### **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**

### **733(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Lacepede 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**

**723(T)/2020 AUSTRALIA - SOUTH AUSTRALIA - Investigator Strait to Gulf St Vincent - Tide gauges**  
Department for Infrastructure and Transport SA Notice 24(T)/2020

Tide gauges, 3m above the seabed, exist in the following positions:

34° 42'.09 S 138° 07'.34 E  
34° 57'.48 S 138° 05'.75 E  
35° 15'.30 S 138° 13'.00 E  
35° 16'.79 S 137° 23'.74 E  
35° 20'.50 S 137° 46'.80 E.

Mariners are advised to navigate with caution in the area and avoid anchoring or trawling.

**Chart temporarily affected - Aus 485 - Aus 780 - Aus 781**

**884(T)/2020 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Shoaling; dredging operations**  
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 781**

**886(T)/2020 AUSTRALIA - SOUTH AUSTRALIA - Wirrina Cove - Light beacon altered**  
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 347 - Aus 780**

**934(T)/2020 AUSTRALIA - SOUTH AUSTRALIA - Lucky Bay - Dredging operations**  
Department for Infrastructure and Transport SA Notice 28/2020

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

33° 42'.55 S 137° 02'.26 E  
33° 42'.82 S 137° 02'.70 E  
33° 42'.58 S 137° 02'.91 E  
33° 42'.40 S 137° 02'.60 E.

A floating pipeline exists in the area.

The dredge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 777**

**81(T)/2021 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Rogues Point - Artificial reef**  
Department of Planning, Transport and Infrastructure SA Notice 9/2017

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

34° 30'.63 S 137° 53'.95 E  
34° 30'.63 S 137° 54'.12 E  
34° 30'.47 S 137° 54'.13 E  
34° 30'.47 S 137° 53'.95 E.

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

**Chart temporarily affected - Aus 781**

**125(T)/2021 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Artificial reef; scientific instrument**  
Department for Infrastructure and Transport SA Notice 34/2020

A fish haven marked by a special spar light buoy, *Fl.Y.5s*, exists in position 34° 58'.37 S 138° 29'.90 E.

**Chart temporarily affected - Aus 781**

**286(T)/2021 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**

**291(T)/2021 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Shoaling**

Department for Transport, Energy and Infrastructure SA 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 130**

**344(T)/2021 AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Eastern Cove - Light beacon unlit**

Department for Infrastructure and Transport SA Notice 6(T)/2021

The light beacon, *Fl.4s 5M* (35° 46'.70 S 137° 47'.94 E), is unlit.

**Chart temporarily affected - Aus 485 - Aus 780**

**346(T)/2021 AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Fairway Bank - Light beacon unlit**

Department for Infrastructure and Transport SA Notice 8(T)/2021

The east cardinal light beacon, *Q(3)10s* (33° 02'.10 S 137° 44'.80 E), is unlit.

**Chart temporarily affected - Aus 136 - Aus 778**

**347(T)/2021 AUSTRALIA - SOUTH AUSTRALIA - Tumby Island - Light beacon unlit**

Department for Infrastructure and Transport SA Notice 9(T)/2021

The light beacon, *Fl.R.5s 3M* (34° 24'.31 S 136° 09'.29 E), is unlit.

**Chart temporarily affected - Aus 776 - Aus 777**

## VICTORIA

**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)**

**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**

**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**

**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**

**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**

**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**

**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**

**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**

**466(T)/2020 AUSTRALIA - VICTORIA - Barwon Head - Light buoy withdrawn eastwards**  
Parks Victoria Notice 166(T)/2020

The special light buoy, *Fl.Y.5s* (38° 17'.95 S 144° 32'.65 E), has been temporarily withdrawn.

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

**468(T)/2020 AUSTRALIA - BASS STRAIT - Survey operations**  
Neptune

MV *Ocean Dynasty* will be conducting a geophysical survey in an area bounded by the following positions:

39° 44'.87 S 145° 19'.43 E

39° 54'.91 S 145° 19'.43 E

39° 54'.91 S 145° 29'.42 E

39° 51'.83 S 145° 48'.76 E  
39° 48'.58 S 145° 48'.74 E  
39° 44'.86 S 145° 29'.42 E.

Mariners are advised to navigate with caution in the area. 5M clearance requested.

**Chart temporarily affected - Aus 487 - Aus 4644 (INT 644)**

**728(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Point Wilson - Exclusion zone**

Victorian Regional Channels Authority Notice 239/2020

A 300m exclusion zone exists outwards from the centreline of Point Wilson Pier (34° 28'.26 S 150° 54'.67 E). It is marked by special light buoys, *Iso. 2s*, in the following positions:

38° 05'.51 S 144° 30'.73 E  
38° 05'.68 S 144° 31'.32 E  
38° 05'.84 S 144° 31'.86 E  
38° 05'.88 S 144° 32'.45 E  
38° 05'.64 S 144° 32'.48 E  
38° 05'.55 S 144° 32'.04 E  
38° 05'.38 S 144° 31'.47 E  
38° 05'.20 S 144° 30'.93 E.

Only vessels involved in the remediation works are permitted to enter the area.

Mariners are advised to navigate with caution in the area.

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

**792(T)/2020 AUSTRALIA - VICTORIA - Seal Islands - Scientific instruments eastwards**

*Former Notice - 297(T)/2020 is cancelled*

Star of the South Wind Farm

Scientific instruments exist as follows:

<i>Position</i>	<i>Depth below surface</i>
38° 41'.61 S 146° 46'.56 E	5m
38° 42'.19 S 147° 05'.98 E	17m
38° 47'.27 S 146° 35'.33 E	3-7m
38° 50'.14 S 146° 46'.04 E	17m
38° 50'.80 S 146° 55'.72 E	17m
38° 51'.07 S 146° 53'.67 E	17m
38° 51'.43 S 146° 54'.82 E	17m
38° 51'.65 S 147° 06'.24 E	32m
38° 52'.01 S 147° 17'.75 E	32m
38° 52'.23 S 146° 55'.07 E	17m.

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

**888(T)/2020 AUSTRALIA - VICTORIA - Cape Duquesne - Scientific instruments**

Deakin University

Three special spherical light buoys, *Fl.Y.2-5s*, exist in the vicinity of 38°21'.70 S, 141°16'.53 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 348**

**895(P)/2020 AUSTRALIA - VICTORIA - Port Welshpool to McLoughlins Entrance - Shoaling**

Gippsland Ports

Latest survey shows shoaling and channel realignment in the following channels:

Middle Ground Channel (38° 42'.5 S 146° 31'.5 E)  
Snake Channel (38° 44'.4 S 146° 37'.0 E)  
Midge Channel (38° 41'.8 S 146° 39'.9 E)  
Port Albert Channel (38° 41'.5 S 146° 41'.2 E)  
Kate Kearney Channel (38° 41'.7 S 146° 43'.0 E)  
Kate Kearney Entrance (38° 41'.5 S 146° 45'.1 E)  
Tarra Channel (38° 40'.8 S 146° 45'.7 E)

Boat Harbour Channel (38° 40'.4 S 146° 48'.4 E)  
Pelican Channel (38° 39'.3 S 146° 48'.7 E)  
Manns Beach Channel (38° 38'.8 S 146° 47'.4 E)  
Manns Channel (38° 40'.5 S 146° 49'.6 E)  
Oyster Bed Channel (38° 38'.5 S 146° 51'.2 E)  
McLoughlins Entrance (38° 37'.8 S 146° 53'.0 E).

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - Aus 181**

**977(T)/2020 AUSTRALIA - VICTORIA - Seal Islands - Scientific instruments northeastwards**

Star of the South

Scientific instruments, 10m below the surface, exist in the following positions:

38° 32'.89 S 147° 14'.35 E  
38° 37'.81 S 147° 06'.29 E  
38° 38'.05 S 147° 01'.28 E  
38° 38'.13 S 147° 13'.39 E  
38° 41'.19 S 146° 56'.06 E  
38° 42'.53 S 147° 00'.32 E  
38° 44'.00 S 147° 05'.23 E  
38° 44'.40 S 146° 48'.76 E  
38° 44'.56 S 147° 08'.19 E  
38° 46'.03 S 146° 54'.52 E  
38° 47'.43 S 146° 59'.98 E  
38° 49'.31 S 146° 43'.92 E  
38° 50'.00 S 147° 02'.59 E  
38° 51'.18 S 146° 51'.14 E  
38° 53'.29 S 146° 45'.29 E  
38° 53'.28 S 146° 57'.16 E  
38° 54'.83 S 146° 33'.04 E  
38° 54'.86 S 146° 38'.98 E  
38° 55'.42 S 146° 51'.64 E  
38° 56'.08 S 146° 44'.87 E.

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

**1013(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; virtual AIS**

Victorian Ports Corporation (Melbourne) Notice 313(T)/2020

Shoaling, with a least depth of 15.2m, marked by a special virtual AIS exists in position 38° 17'.68 S 144° 41'.33 E.

Mariners are advised to navigate north of this position and navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 144 - Aus 158 - Aus 788**

**1061(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Webb Dock - Harbour works; light buoys**

Victorian Ports Corporation (Melbourne) Notice 335(T)/2020

Harbour works associated with the installation of a new mooring dolphin at Webb Dock 5 East (37° 51'.01 S 144° 54'.79 E) are in progress.

Special spar light buoys, *Fl. Y*, exist in positions 37° 51'.03 S 144° 54'.79 E and 37° 50'.99 S 144° 54'.83 E to mark the dive and construction site.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154**

**34(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Scientific instruments**

*Former Notice - 1062(T)/2020 is cancelled*

Parks Victoria Notice 346(T)/2020, Victorian Ports Corporation (Melbourne) Notice 347(T)/2020

Special light buoys, *Fl. Y.2.5s*, exist in the following positions:

37° 58'.72 S 144° 59'.73 E  
37° 59'.10 S 144° 46'.51 E  
38° 03'.80 S 144° 52'.00 E  
38° 08'.16 S 144° 45'.18 E  
38° 09'.73 S 145° 03'.26 E  
38° 18'.09 S 144° 52'.36 E.

**Chart temporarily affected - Aus 143 - Aus 155 - Aus 157 - Aus 158**

**35(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Wyndham Marina - Light buoy off station**  
Parks Victoria Notice 357(T)/2020

The special light buoy, *Fl.Y.6s* (37° 57'.85 S 144° 42'.76 E), is off station.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 155**

**36(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Point Nepean - Light buoy off station**  
Parks Victoria Notice 372(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**

**85(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; virtual AIS**  
Victorian Ports Corporation (Melbourne) Notice 015(T)/2021

Shoaling, with a least depth of *15.3m*, marked by a special virtual AIS exists in position 38° 18'.14 S 144° 43'.75 E.

Mariners are advised to navigate north or south of this position and navigate with caution in the area.

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

**86(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Pinnacle Channel - Light buoy off station**  
Parks Victoria Notice 005(T)/2021

The special light buoy, *Fl(4) Y.12s* (38° 14'.63 S 144° 50'.34 E), is off station.

**Chart temporarily affected - Aus 158**

**127(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Martha Cove Harbour - Dredging operations**  
Parks Victoria Notice 28(T)/2021

Dredging operations are in progress in the entrance channel (38° 18'.37 S 144° 59'.56 E).

All hazards to navigation will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

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

**221(T)/2021 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**

**223(T)/2021 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>
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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**

**265(T)/2021 AUSTRALIA - VICTORIA - Port Campbell - Mooring buoys southwards**  
Beach Energy Limited

8 lit yellow mooring buoys, *Fl.*3s, exist within 1M radius of position 39° 06'.49 S 142° 57'.10 E.

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

**296(P)/2021 AUSTRALIA - VICTORIA - Port Albert Entrance - Shoaling**  
Gippsland Ports Notice 60/2021

Latest survey shows shoaling in the Port Albert Entrance Channel (38° 45'.21 S 146° 41'.95 E).

The following light buoys have been repositioned to align the deepest approach to cross the Port Albert Bar:

<i>Charted position</i>	<i>New position</i>	<i>Remarks</i>
38° 45'.65 S 146° 42'.15 E	38° 45'.19 S 146° 42'.40 E	safe water pillar light buoy, <i>LFl.</i> 10s
38° 45'.28 S 146° 41'.35 E	38° 45'.16 S 146° 41'.42 E	starboard lateral pillar light buoy, <i>Fl.G.</i> 3s
38° 44'.79 S 146° 40'.28 E	38° 44'.89 S 146° 40'.29 E	port lateral pillar light buoy, <i>Fl.R.</i> 2s.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

**Chart which will be affected - Aus 181 - Aus 357**

**297(T)/2021 AUSTRALIA - VICTORIA - Port Campbell - Subsea operations southwestwards**  
Cooper Energy

Vessel *Fugro Etive* is conducting subsea operations along the pipeline between the following positions:

38° 37'.40 S 142° 57'.87 E  
38° 40'.35 S 142° 57'.65 E  
38° 47'.73 S 142° 45'.94 E  
38° 47'.22 S 142° 41'.98 E  
38° 42'.79 S 142° 36'.92 E  
38° 38'.07 S 142° 41'.11 E.

Mariners are advised to navigate with caution in the area. 0.27M clearance requested.

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

**298(T)/2021 AUSTRALIA - VICTORIA - Port Campbell - Drill rig southwards**  
MODU *Ocean Onyx*

Drill rig *Ocean Onyx* is conducting drilling operations in position 39° 06'.48 S 142° 57'.08 E.

**Chart temporarily affected - Aus 349 - Aus 787 - Aus 4728 (INT 728)**

**300(T)/2021 AUSTRALIA - VICTORIA - Western Port - North Arm - Beacon destroyed**  
Parks Victoria Notice 67(T)/2021

The starboard lateral beacon, *No*5 (38° 18'.45 S 145° 14'.85 E), has been destroyed.

The remaining pile may become exposed at low tide.

Mariners are advised to navigate with caution in the area.

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

**348(T)/2021 AUSTRALIA - VICTORIA - Port Campbell - Survey operations southwestwards**  
MMA Offshore

MV *Outer Limit* is conducting a geophysical survey in an area bounded by the following positions:

39° 22'.95 S 142° 45'.13 E  
39° 21'.49 S 142° 48'.70 E  
39° 18'.74 S 142° 46'.83 E  
39° 20'.19 S 142° 43'.27 E.

Mariners are advised to navigate with caution in the area. 5M clearance requested.

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

**350(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Scientific instruments**  
Victorian Regional Channels Authority Notice 93(T)/2021

Scientific instruments exist on the seabed in the following positions:

38° 05'.17 S 144° 23'.31 E  
38° 05'.35 S 144° 24'.20 E.

**Chart temporarily affected - Aus 153 - Aus 157**

**351(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Martha Point - Light beacon unlit**  
Parks Victoria Notice 82(T)/2021

The light beacon, *Fl(2)Y.5s* (38° 17'.90 S 144° 58'.86 E), is unlit.

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

**352(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Hobsons Bay - Light buoy off station**  
Parks Victoria Notice 89(T)/2021

The special light buoy, *Fl.Y.4s R3* (37° 53'.17 S 144° 56'.38 E), is off station and in position 37° 52'.95 S 144° 56'.55 E.

**Chart temporarily affected - Aus 155**

**409(T)/2021 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 157**

**411(T)/2021 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 157**

**413(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoys; AIS**  
Victorian Regional Channels Authority Notices 16(T)/2018, 17(T)/2018, 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>

Starboard lateral virtual AIS also exist at the above positions.

**Chart temporarily affected - Aus 157**

**415(T)/2021 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; virtual AIS**

Victorian Ports Corporation (Melbourne) Notice 92(T)/2021

Shoaling, with least depth *12.6m*, marked by an east cardinal virtual AIS exists in position 38° 19'.74 S 144° 54'.08 E.

Mariners are advised to navigate east of this position and navigate with caution in the area.

**Chart temporarily affected - Aus 158**

**416(T)/2021 AUSTRALIA - VICTORIA - Portland - Shoaling**

Port of Portland Notice 56(T)/2021

Shoaling, with least depth *7.3m*, extends 90m to the west of the main breakwater (38° 20'.65 S 141° 37'.40 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 140**

**417(T)/2021 AUSTRALIA - VICTORIA - Western Port - Tooradin - Light beacon unlit**

Parks Victoria Notice 96(T)/2021

The starboard lateral light beacon, *Fl.G.10s No21* (38° 13'.43 S 145° 22'.51 E), is unlit.

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

## TASMANIA

### **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**

### **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**

### **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**

**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**

**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**

**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**

**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**

**443(T)/2020 AUSTRALIA - TASMANIA - River Derwent - Bellerive - Harbour works**  
Marine and Safety Tasmania Notice M081/2020

Works associated with the construction of a pier are in progress in the vicinity of position 42° 52'.43 S 147° 21'.88 E.

The area is marked by buoys with flashing yellow lights. The outermost buoy is positioned at 42° 52'.42 S 147° 21'.80 E.

The barge is lit with a white light and piles when driven will be marked by yellow lights.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 172**

**522(T)/2020 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Tower Bay - Harbour works; light buoys**  
Marine and Safety Tasmania Notice M98/2020

Mooring works are in progress, marked by special light buoys as follows:

<i>Position</i>	<i>Remarks</i>
43° 23'.38 S 147° 02'.34 E	<i>Fl.Y.4s</i>
43° 23'.46 S 147° 02'.27 E	<i>Fl.Y.4s</i>
43° 23'.36 S 147° 01'.98 E	
43° 23'.28 S 147° 02'.05 E	

**Chart temporarily affected - Aus 173**

**523(T)/2020 AUSTRALIA - TASMANIA - Georges Bay - Beauty Bay - Wreck**  
Marine and Safety Tasmania Notice M93/2020

A wreck exists in the vicinity of position 41° 19'.90 S 148° 15'.41 E.

**Chart temporarily affected - Aus 169**

**682(P)/2020 AUSTRALIA - TASMANIA - Franklin Sound - Shoaling**  
EOMAP

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

40° 20'.41 S 148° 23'.65 E  
40° 13'.57 S 148° 27'.46 E  
40° 10'.81 S 148° 23'.17 E  
40° 11'.66 S 148° 16'.60 E  
40° 14'.42 S 148° 01'.81 E  
40° 23'.48 S 147° 59'.63 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

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

**733(T)/2020 AUSTRALIA - TASMANIA - Burnie - Harbour works**

Former Notice - 47(T)/2019 is cancelled

Marine and Safety Tasmania Notice M217/2018, Toll Group

Harbour works associated with the extension of the wharf at berth 5 (41° 03'.04 S 145° 54'.70 E) are in progress.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 163**

**1017(T)/2020 AUSTRALIA - TASMANIA - Pitt Water - Wreck**

Marine and Safety Tasmania Notice M213/2020

A wreck marked by a special spar buoy exists in position 42° 50'.19 S 147° 36'.58 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 796**

**130(T)/2021 AUSTRALIA - TASMANIA - Frederick Henry Bay - Susan Bay - Wreck**

Marine and Safety Tasmania Notice M17/2021, M27/2021

A stranded wreck marked by a pink buoy exists in position 42° 53'.67 S 147° 41'.39 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 171**

**177(T)/2021 AUSTRALIA - TASMANIA - King Island - Grassy Harbour - Platform, submarine cable, prohibited area**

Marine and Safety Tasmania Notice M19/2021

A lit platform, *F*, exists in position 40° 03'.97 S 144° 03'.53 E.

A submarine power cable exists between positions 40° 03'.97 S 144° 03'.53 E and 40° 03'.91 S 144° 03'.53 E.

An entry prohibited area, with radius 125m, exists centred on position 40° 03'.97 S 144° 03'.53 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 178**

**225(T)/2021 AUSTRALIA - TASMANIA - Bass Strait - King Island - Survey operations; scientific instruments**

Former Notice - 87(T)/2021 is cancelled

EGS Survey Pty Ltd

Vessel *Pacific Crest* is conducting survey operations in an area bounded by the following positions:

39° 45'.0 S 143° 40'.0 E

39° 45'.0 S 144° 30'.0 E

39° 12'.0 S 144° 30'.0 E

39° 12'.0 S 143° 40'.0 E.

Tide gauges, marked by special light buoys, *Fl. Y.2s*, exist in the following positions:

39° 11'.8 S 143° 40'.2 E

39° 13'.4 S 144° 28'.6 E

39° 32'.0 S 144° 00'.9 E

39° 34'.6 S 143° 39'.6 E

39° 34'.7 S 143° 55'.7 E

39° 36'.6 S 144° 26'.5 E

39° 39'.5 S 144° 07'.1 E

39° 40'.8 S 143° 51'.9 E

39° 55'.6 S 143° 49'.2 E

43° 07'.1 S 147° 40'.8 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 171 - Aus 349 - Aus 789 - Aus 796**

**266(T)/2021 AUSTRALIA - TASMANIA - Burnie - Scientific instrument northeastwards**  
Marine and Safety Tasmania Notice M67/2021

A special light buoy, *Fl.Y*, exists in position 41° 01'.32 S 146° 05'.36 E.

**Chart temporarily affected - Aus 799**

**302(T)/2021 AUSTRALIA - TASMANIA - Banks Strait - Survey operations**  
iXblue Pty Ltd

MV *Offshore Solution* and support vessel *Indigo* are conducting survey operations in an area extending from the northwest (40° 28'.31 S 147° 53'.63 E), southeast to 40° 45'.01 S 148° 31'.93 E, then towards Eddystone Point (40° 59'.89 S 148° 24'.45 E), then following the coastline north into Ringarooma Bay (40° 46'.41 S 147° 46'.30 E), then north to 40° 39'.67 S 147° 42'.37 E, closing back to 40° 28'.31 S 147° 53'.63 E.

The vessels will display appropriate lights and shapes and monitor VHF Ch 16 and Ch 82.

Subsurface scientific instruments marked by special light buoys, *Fl.Y.3-2s*, exist in the following positions:

40° 58'.76 S 148° 21'.42 E  
40° 50'.21 S 148° 14'.00 E  
40° 48'.63 S 147° 46'.85 E  
40° 43'.49 S 148° 28'.69 E  
40° 42'.66 S 148° 05'.39 E  
40° 35'.42 S 147° 46'.69 E  
40° 34'.93 S 148° 12'.43 E  
40° 31'.27 S 148° 04'.96 E  
40° 27'.70 S 147° 54'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 179 - Aus 487 - Aus 767 - Aus 798 - Aus 800**

**353(T)/2021 AUSTRALIA - TASMANIA - Storm Bay - Scientific instruments**  
Maritime and Safety Tasmania Notice M96/2021

Special light buoys, *Fl.Y*, exist in positions 43° 22'.25 S 147° 43'.22 E and 43° 21'.27 S 147° 42'.42 E.

**Chart temporarily affected - Aus 796**

**418(T)/2021 AUSTRALIA - TASMANIA - Georges Bay - Lords Point - Beacon destroyed**  
Marine and Safety Tasmania Notice M112(T)/2021

The starboard lateral beacon No7B (41° 18'.15 S 148° 18'.65 E) has been destroyed.

**Chart temporarily affected - Aus 169**

## 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)**

**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**

**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**

**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**

**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**

**516(T)/2020 PAPUA NEW GUINEA - Kimbe - Light beacon unlit**  
National Maritime Safety Authority PNG Notice 21(T)/2020

The light beacon, *Fl.G.5s 6m 4M No3* (5° 32'.00 S 150° 09'.56 E), is unlit.

**Chart temporarily affected - PNG 674 - PNG 677**

**564(T)/2020 PAPUA NEW GUINEA - Dampier Strait - Nesup Channel - Light buoys off station**  
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 - PNG 673**

**668(T)/2020 PAPUA NEW GUINEA - Dauan Island - Light altered**  
HMAS *Mermaid*

The light, *Fl.R.6s* (9° 25'.38 S 142° 32'.07 E), has been temporarily altered to *F.R.*

**Chart temporarily affected - Aus 841**

**771(T)/2020 PAPUA NEW GUINEA - Boera Head - Light unlit**  
National Maritime Safety Authority PNG Warning 6/2019

The light, *Fl.2-5s 33m 10M* (9° 23'.39 S 147° 00'.85 E), is unlit.

**Chart temporarily affected - PNG 379 - PNG 647**

**826(P)/2020 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 - PNG 506 - PNG 507 - PNG 623**

**829(T)/2020 PAPUA NEW GUINEA - Huon Gulf - Fish aggregating devices**  
National Maritime Safety Authority PNG Coastal Navigation 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 4620 (INT 620) - Aus 4621 (INT 621) - Aus 4622 (INT 622) - PNG 386 - PNG 521 - PNG 522 - PNG 523**

**963(T)/2020 PAPUA NEW GUINEA - Caution Bay - Light beacon damaged**  
National Maritime Safety Authority PNG Notice 39/2020

The light beacon, *Fl.Bu.2s 8M RL2* (9° 17'.98 S 146° 58'.19 E), is damaged and unlit.

**Chart temporarily affected - PNG 647 - PNG 648**

**1048(T)/2020 PAPUA NEW GUINEA - Meimeiara Island - Light unlit**  
National Maritime Safety Authority PNG Coastal Navigation Warning 40/2020

The light, *Fl.2-5s 35m 10M* (10° 13'.46 S 150° 52'.99 E), is unlit.

**Chart temporarily affected - Aus 4620 (INT 620) - Aus 4621 (INT 621) - PNG 508 - PNG 628**

**116(P)/2021 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 - PNG 392 - PNG 393 - PNG 543 - PNG 666**

**118(T)/2021 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 399 - Aus 4604 (INT 604) - Aus 4622 (INT 622) - PNG 397 - PNG 684**

**164(T)/2021 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 4603 (INT 603) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - PNG 391**

**201(T)/2021 PAPUA NEW GUINEA - Saibai Island - Shoaling**  
*Former Notice - 75(T)/2021 is cancelled*  
HMAS *Mermaid* , HMAS *Paluma*

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

9° 20'.66 S 142° 36'.94 E  
9° 20'.14 S 142° 39'.81 E  
9° 20'.12 S 142° 43'.90 E  
9° 20'.94 S 142° 44'.07 E  
9° 21'.01 S 142° 40'.60 E  
9° 21'.80 S 142° 37'.67 E  
9° 22'.74 S 142° 37'.04 E  
9° 22'.72 S 142° 35'.37 E  
9° 22'.46 S 142° 34'.10 E  
9° 21'.74 S 142° 34'.60 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.



**Chart temporarily affected - Aus 840 - Aus 841**

**255(T)/2021 PAPUA NEW GUINEA - Cape St George - Light unlit**

National Maritime Safety Authority PNG Coastal Navigation Warning 3/2021

The light, *Fl.5s 101m 10M* (4° 50'.86 S 152° 52'.61 E), is unlit.

**Chart temporarily affected - Aus 4604 (INT 604) - Aus 4622 (INT 622) - PNG 397 - PNG 398 - PNG 554 - PNG 668**

**256(T)/2021 PAPUA NEW GUINEA - Eve Shoal - Light beacon unlit**

National Maritime Safety Authority PNG Coastal Navigation Warning 2/2021

The light beacon, *Fl(2)8s 16m 10M* (8° 31'.17 S 148° 25'.39 E), is unlit.

**Chart temporarily affected - PNG 521**

**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**

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

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
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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)**

**406(P)/2020 SOLOMON ISLANDS - Port Noro to Kuri Point - Shoaling**

*Former Notice - 184(P)/2020 is cancelled*

Australian Hydrographic Office , HMAS *Leeuwin*

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'.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**