

25 January 2019

Edition 2

# AUSTRALIAN NOTICES TO MARINERS

# Notices 50 - 97

Published fortnightly by the Australian Hydrographic Office



Australian Notices to Mariners are the authority for correcting charts and publications published by the Australian Hydrographic Office covering Australia, Papua New Guinea, Solomon Islands, Australian Antarctic Territory and Timor-Leste.

Commodore F.T. FREEMAN RAN Hydrographer of Australia

# SECTIONS.

- I. Australian Notices to Mariners, including blocks and notes.
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- III. Cumulative List of Temporary and Preliminary Australian Notices to Mariners.
- **IV.** Temporary and Preliminary Notices in force.
- V. Amendments to Admiralty List of Lights and Fog Signals (Vol K), Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).

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# **IMPORTANT NOTICE**

This edition of Notices to Mariners includes all significant information affecting AHO products which the AHO has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHO regards third parties from which it receives information as reliable, however the AHO cannot verify all such information and errors may therefore exist. The AHO does not accept liability for errors in third party information.

# **GENERAL INSTRUCTIONS**

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward.

Positions quoted in notices relate to WGS84 which is the horizontal datum for all charts produced by the Australian Hydrographic Office.

The range quoted for a light is its nominal range.

Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices.

# **REPORTING OF DANGERS**

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC OFFICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail datacentre@hydro.gov.au or, alternatively by filling in and submitting the Hydrographic Notes forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

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# AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Office (AHO) website (www.hydro.gov.au) and through the eNotices (email) service (www.hydro.gov.au/enotices/enotices.htm).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHO website as providing a 'Paper Notices to Mariners' service (www.hydro.gov.au/webapps/jsp/agents/agents-list.jsp). Copies of the notices may not be sold for profit without prior written agreement.

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### 50 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Service, UKHO

<b>New Charts</b> Chart NIL	Title and Geographical limits	Scale	Publication Date	Remarks
New Electro Cell Name NIL	onic Navigation Chart (Aus ENC) <i>Title</i>		Publication Date	Remarks
<b>New Editior</b> <i>Chart</i> Aus 5000 Aus 5001	ns and Withdrawn Charts <i>Title</i> Australian Hydrographic Office Index of Nautical Charts - Northern Portion 20 <sup>7</sup> Australian Hydrographic Office Index of Nautical Charts - Southern Portion 20	19 of		<i>Remarks</i> Aus 5000 2018 withdrawn Aus 5001 2018 withdrawn
Admiralty p NP No	ublication Title		Date	Remarks
NP83	ADMIRALTY List of Lights and Fog S Volume K Western Pacific Ocean, Se Equator. Including Bismarck, Solomo Tasman Seas. 2019/20 Edition.	outh of the	31/01/2019	The 2018/19 Edition is cancelled.
NP284	ADMIRALTY List of Radio Signals. M Observation Stations. 2018/19 Editio	0	31/01/2019	The 2017/18 Edition is cancelled.

#### Chart permanently withdrawn

Charts listed above as withdrawn no longer meet chart carriage requirements and should be marked as "superseded" and replaced with the new chart/ new edition listed prior to passage through the area covered by the new chart.

When placing orders with a chart agent between notice of forthcoming edition and its publication, mariners should advise whether their order pertains to the current edition or the new edition.

For further details refer to the AHS website at www.hydro.gov.au for new edition and new chart stock arrival information.

#### 51 AUSTRALIA - NEW SOUTH WALES - Botany Bay to Port Jackson - Chart note Port Authority of New South Wales

Note: position of existing chart notes may vary on certain charts.

Aus 197 [ <i>1061/2018</i> ] Replace SVTSA note with accompanying note	33° 29'.2 S	151° 12'.4 E
Aus 198 [805/2018] Replace SVTSA note with accompanying note	33° 58'.6 S	151° 06'.6 E
Aus 200 [ <i>1110/2018</i> ] Replace SVTSA note with accompanying note	33° 54'.3 S	151° 08'.1 E
Aus 808 [ <i>1109/2018</i> ] Replace SVTSA note with accompanying note	34° 02'.0 S	150° 54'.5 E
Aus 809 [1060/2018] Replace SVTSA note with accompanying note	33° 09'.0 S	151° 26'.5 E

	AUSTRALIA - QUEENSLAND - Breaksea Spit - Wreck ice - 25(T)/2018 is cancelled ifety Queensland				
<b>Aus 490</b> [ <i>1</i> Insert	115/2018] depth, 138m, enclosed by danger circle with legend, Wk	24° 25'.71 S	153° 18'.33 E		
<b>Aus 816</b> [9 Insert	51/2018] depth, 138m, enclosed by danger circle with legend, <i>Wk</i>	24° 25'.71 S	153° 18'.33 E		
<b>Aus 817</b> [ <i>1</i> Insert	071/2018] depth, 138m, enclosed by danger circle with legend, <i>Wk</i>	24° 25'.71 S	153° 18'.33 E		
<b>53</b> Australian N	AUSTRALIA - QUEENSLAND - Curtis Island - Obstruction Aritime Safety Authority				
Aus 247 [1	012/2018]				
Insert	danger line between	23° 27'.26 S			
	danger line between	23° 26'.79 S 23° 26'.80 S	151° 01'.04 E 151° 01'.09 E		
		23° 26'.94 S	151° 01'.12 E		
Aus 265 [5	/2019]				
Insert	danger line between	23° 27'.255 S	151° 00'.956 E		
	danger line between	23° 26'.789 S 23° 26'.800 S 23° 26'.833 S			
	AUSTRALIA - QUEENSLAND - Gardner Bank - Wreck ice - 1182(T)/2016 is cancelled ifety Queensland				
<b>Aus 816</b> [ <i>5</i> Insert	2/2019] depth, <i>36m</i> , enclosed by danger circle with legend, <i>Wk</i>	25° 07'.85 S	153° 27'.39 E		
	AUSTRALIA - QUEENSLAND - Lucinda - Depths ice - 375(P)/2017 is cancelled ifety Queensland				
Aus 259 [4	/2019]				
Insert	depth, $1_7m$ , and extend contour S to enclose	18° 31'.35 S	146° 20'.16 E		
	contour, between	18° 31'.21 S 18° 31'.19 S	146° 20'.15 E 146° 20'.28 E		
		18° 31'.20 S	146° 20'.30 E		
		18° 31'.22 S 18° 31'.24 S	146° 20'.30 E 146° 20'.24 E		
		18° 31'.25 S	146° 20'.16 E		
Delete	depth, 6₁m	18° 31'.3 S	146° 20'.2 E		
	contour, between	18° 31'.21 S	146° 20'.16 E		
		18° 31'.25 S	146° 20'.16 E		
	Aus 267 [4/2019]				
Insert	drying height, $\underline{O}_1 m$ , and extend contour E to enclose depth, $1_7 m$ , and extend contour S to enclose	18° 31'.208 S 18° 31'.347 S	146° 20'.294 E 146° 20'.159 E		
		10 01.047 0	170 20.100 L		
Delete	depth, 0 <sub>2</sub> m	18° 31'.22 S	146° 20'.21 E		

56AUSTRALIA - QUEENSLAND - Thursday Island - Port Kennedy - Mooring buoyFormer Notice - 833(T)/2016 is cancelledMaritime Safety Queensland Notice 501/2018			
<b>Aus 293</b> [ <i>10</i> Replace	063/2018] dolphin with lit red barrel mooring buoy, <i>FI.Y.2·5s</i>	10° 35'.20 S	142° 13'.27 E
<b>Aus 299</b> [ <i>10</i> Replace	009/2018] dolphin with lit red barrel mooring buoy, <i>FI.Y.2·5s</i>	10° 35'.20 S	142° 13'.27 E
<b>57</b> National Ma	PAPUA NEW GUINEA - Vitu Islands - Nomenclature ritime Safety Authority PNG		
<b>Aus 386</b> [ <i>12</i> Insert	240/2016] legend, <i>Silenge Island</i>	04° 38'.53 S	149° 18'.80 E
Amend	legend to <i>Planet (Ngadola) Harbour</i> legend to <i>Cape Kuravu</i> legend to <i>Cape Kore</i>	04° 39'.1 S 04° 37'.6 S 04° 36'.3 S	149° 21'.2 E 149° 24'.2 E 149° 22'.2 E
<b>Aus 678</b> [28 Amend	88/2016] legend to <i>Cape Kore</i> legend to <i>Cape Kuravu</i> legend to <i>Kore</i>	04° 36'.96 S 04° 37'.31 S 04° 37'.17 S	149° 22'.92 E 149° 22'.95 E 149° 22'.02 E
<b>58</b> HMAS Laun	AUSTRALIA - TORRES STRAIT - Dalrymple Islet - Obstruction ceston		
<b>Aus 840</b> [98 Insert	51/2018] danger circle with legend <i>Obstn Rep (2019)</i> , centred on	9° 37'.34 S	143° 18'.58 E
<b>59</b> Australian M	AUSTRALIA - WESTERN AUSTRALIA - Cape Leeuwin - Traffic separation laritime Safety Authority	on scheme note	
Note: positio	on of existing chart notes may vary on certain charts.		
<b>Aus 335</b> [ <i>1</i> ] Replace	128/2018] TS note with accompanying note	34° 17'.0 S	115° 56'.0 E
<b>Aus 336</b> [ <i>1</i> Replace	128/2018] TS note with accompanying note	34° 44'.0 S	117° 20'.0 E
<b>Aus 756</b> [1 <sup>-</sup> Replace	128/2018] TS note with accompanying note	33° 53'.0 S	115° 06'.0 E
<b>Aus 757</b> [1 <sup>-</sup> Replace	128/2018] TS note with accompanying note	34° 30'.0 S	116° 00'.0 E
<b>Aus 758</b> [ <i>1</i> <sup>-</sup> Replace	128/2018] TS note with accompanying note	34° 58'.0 S	116° 35'.5 E
<b>60</b> Subcon	AUSTRALIA - WESTERN AUSTRALIA - Esperance - Limpet Rock - Artif	icial reef	
<b>Aus 119</b> [1 <sup>-</sup> Insert	<i>128/2018</i> ] fish haven with minimum depth, 22 <sub>5</sub> m, centred on	33° 52'.26 S	121° 58'.83 E

61 AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac - Infrastructure, navaids Department of Planning, Transport and Infrastructure SA					
Aus 125 (P Insert	ort Stanvac) [320/2018] accompanying block	35° 06'.44 S	138° 28'.13 E		
Delete	chart note	35° 07'.59 S	138° 29'.00 E		
<b>Aus 781</b> [ <i>4</i> Insert	87/2018] accompanying block	35° 05'.5 S	138° 28'.0 E		
<b>62</b> Department	AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Yatala Channel - Rec of Planning, Transport and Infrastructure SA Notice 4/2019	ommended track			
<b>Aus 122</b> [ <i>1</i> Insert	54/2018] recommended track with legend, 053° - 233°, between	32° 12'.289 S 32° 11'.395 S	133° 34'.091 E 133° 35'.485 E		
<b>63</b> Port of Melb	AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Infrastructure; ma	aintained depth			
Aus 154 [ <i>1</i> Insert	133/2018] continuous line, between continuous line, between	37° 50'.071 S 37° 50'.068 S 37° 50'.071 S 37° 50'.074 S 37° 50'.052 S 37° 50'.049 S 37° 50'.051 S 37° 50'.054 S	144° 53'.942 E 144° 53'.908 E 144° 53'.908 E 144° 53'.942 E 144° 53'.943 E 144° 53'.911 E 144° 53'.911 E 144° 53'.943 E		
Delete	maintained depth, 4 <sub>1</sub> m	37° 49'.10 S	144° 54'.95 E		
	AUSTRALIA - VICTORIA - Western Port - North Arm - Light buoy ice - 585(T)/2017 is cancelled ria Notice 410T)/2018				
<b>Aus 150</b> [6 Replace	79/2018] beacon with, starboard lateral conical buoy, <i>No 3,</i> without topmark	38° 19'.6 S	145° 14'.8 E		
Aus 151 [1 Replace	135/2018] beacon with, starboard lateral conical buoy, <i>No 3,</i> without topmark	38° 19'.59 S	145° 14'.77 E		
65 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Three Hut Point - Light moved Marine and Safety Tasmania					
<b>Aus 173</b> [2 Move	3/2019] light to	43° 16'.14 S 43° 16'.11 S	147° 14'.52 E 147° 14'.57 E		
<b>66</b> T White	AUSTRALIA - TASMANIA - Foster Islands - Rock				
<b>Aus 487</b> [ <i>1</i> Replace	026/2018] depth, 3 <sub>8</sub> m, with underwater rock enclosed by danger circle, with legend <i>Rep (2019)</i>	40° 42'.3 S	147° 57'.8 E		
<b>Aus 798</b> [7 Insert	77/2018] underwater rock enclosed by danger circle, with legend <i>Rep (2019)</i>	40° 42'.33 S	147° 58'.04 E		
Delete	depth, 5 <sub>9</sub> m	40° 42'.3 S	147° 58'.2 E		

#### **67(T)/2019 AUSTRALIA - NEW SOUTH WALES - Ballina - Light buoy restored** *Former Notice* - 970(T)/2018 is cancelled Manly Hydraulics Laboratory

Cancel this notice on receipt.

#### Chart formerly affected - Aus 813

#### 68(T)/2019 AUSTRALIA - QUEENSLAND - Airlie Beach - Muddy Bay - Wreck salvaged Former Notice - 745(T)/2017 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

#### Chart formerly affected - Aus 269

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

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

Mariners are advised to navigate with caution in the area.

#### Chart temporarily affected - Aus 236 - Aus 238

#### 70(T)/2019 AUSTRALIA - QUEENSLAND - Cairncross Islets - Wreck; buoy

Maritime Safety Queensland Notice 12(T)/2019

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

#### Chart temporarily affected - Aus 835 - Aus 839

**71(T)/2019 AUSTRALIA - QUEENSLAND - Hay Point - Obstructions removed** *Former Notice* - 20(T)/2017 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

#### Chart formerly affected - Aus 250

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

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

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

#### 73(T)/2019 AUSTRALIA - QUEENSLAND - Mackay - Harbour works

*Former Notice* - 1143(T)/2018 is cancelled Maritime Safety Queensland Notice 22(T)/2019

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

Vessels will monitor VHF Ch 10, 13 and 16.

Mariners are advised to navigate with caution in the area.

#### Chart temporarily affected - Aus 250

Cancel this notice on receipt.

#### Chart formerly affected - Aus 250

**75(T)/2019 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling** *Former Notice* - 974(T)/2018 is cancelled Maritime Safety Queensland Notice 9(T)/2019

A shoal patch exists from the end of the eastern breakwater (26° 40'.74 S 153° 07'.95 E) extending in a westerly direction past the centreline of the channel with least depths as follows:

 Position
 Depth

 26° 40'.76 S 153° 07'.92 E
 1.5m

 26° 40'.76 S 153° 07'.95 E
 0.1m

Mariners are advised to navigate with caution in the area.

#### Chart temporarily affected - Aus 235

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

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

#### Chart temporarily affected - Aus 257

77(T)/2019 AUSTRALIA - QUEENSLAND - Whitsunday Passage - Shute Harbour - Wreck salvaged Former Notice - 34(T)/2018 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 252 - Aus 253 - Aus 269 - Aus 824

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

LADS Flight

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

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

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

#### Chart which will be affected - Aus 391 - Aus 662

#### 79(T)/2019 PAPUA NEW GUINEA - Banaru Reef to Wogoromodo Reef - Light beacons relit Former Notice - 1148(T)/2018 is cancelled

National Maritime Safety Authority PNG

Cancel this notice on receipt.

#### Chart formerly affected - Aus 399 - Aus 683 - SLB 301

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

Latest survey shows shoaler depths than those charted may exist in an area bounded by the following positions: 04° 39'.63 S 149° 14'.71 E 04° 35'.74 S 149° 16'.10 E 04° 35'.98 S 149° 24'.52 E 04° 37'.08 S 149° 24'.56 E 04° 39'.53 S 149° 19'.65 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

#### Chart which will be affected - Aus 386 - Aus 678

**81(T)/2019** AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light beacon unlit Department of Transport NT Notice 1(T)/2019

The starboard lateral light beacon, Fl.G.3s (12° 29'.16 S 130° 51'.80 E), is unlit.

Chart temporarily affected - Aus 25 - Aus 26 - Aus 28

# 82(T)/2019 AUSTRALIA - TIMOR SEA - Sahul Banks - Drilling operations

Former Notice - 1153(T)/2018 is cancelled MODU Development Driller 1

Drill rig Development Driller 1 is conducting drilling operations in position 11° 55'.70 S 124° 51'.90 E.

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

#### 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

#### 84(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northwards CGG , Australian Maritime Safety Authority Auscoast Warning 015/2019

MV *Geo Coral,* with a 10000m towed array, and support vessels are conducting a seismic survey in an area bounded by the following positions: 19° 46'.0 S 116° 08'.0 E 19° 46'.0 S 116° 57'.0 E 19° 10' 0 S 116° 57'.0 E

19° 19'.0 S 116° 57'.0 E 19° 19'.0 S 116° 08'.0 E.

Vessels will display appropriate lights and shapes.

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

#### Chart temporarily affected - Aus 327 - Aus 741

#### **85(T)/2019** AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northwards Former Notice - 34(T)/2019 is cancelled Australian Maritime Safety Authority Auscoast Warning 015/2019

Cancel this notice on receipt.

#### Chart formerly affected - Aus 327 - Aus 741

#### 86(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Five Fathom Bank - Military exercise westwards Department of Defence

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

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

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

32° 30'.0 S 115° 00'.0 E, 32° 30'.0 S 115° 20'.0 E, 32° 10'.0 S 115° 20'.0 E, 32° 10'.0 S 115° 20'.0 E, 32° 10'.0 S 115° 00'.0 E.

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

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

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

87(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Sahul Banks - Subsea operations completed Former Notice - 943(T)/2018 is cancelled Subsea 7

Cancel this notice on receipt.

#### Chart formerly affected - Aus 312 - Aus 4721 (INT 721)

#### **88(T)/2019 AUSTRALIA - VICTORIA - Cape Conran - Subsea operations; pipeline operations southwards** Cooper Energy , Subsea 7

Vessel *Skandi Acergy* and support vessels are conducting subsea and pipeline operations between positions: 37° 48'.11 S 148° 26'.15 E 37° 50'.55 S 148° 26'.23 E 38° 06'.62 S 149° 01'.54 E.

Mariners are advised to navigate with caution in the area.

#### Chart temporarily affected - Aus 357

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

Esso Australia Pty Ltd

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

#### Chart temporarily affected - Aus 357 - Aus 487

#### **90(T)/2019** AUSTRALIA - VICTORIA - Port Phillip - Station Pier - Harbour works completed Former Notice - 656(T)/2018 is cancelled Victorian Ports Corporation (Melbourne) Notice 1(T)/2019

Cancel this notice on receipt.

#### Chart formerly affected - Aus 154

25 January 2019

Cancel this notice on receipt.

#### Chart formerly affected - Aus 157

# 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

#### **93(T)/2019** AUSTRALIA - TASMANIA - Burnie - Scientific instrument recovered Former Notice - 845(T)/2018 is cancelled

Marine and Safety Tasmania Notice M10/2019

Cancel this notice on receipt.

#### Chart formerly affected - Aus 163

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

Jack and Jude

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

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

Mariners are advised to navigate with caution in the area.

Charts will updated in due course.

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

# 95(T)/2019 AUSTRALIA - TASMANIA - Hobart - Tasman Bridge - Harbour works

Maritime and Safety Tasmania Notice 13/2019

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

42° 51'.95 S 147° 20'.22 E 42° 51'.91 S 147° 20'.24 E 42° 51'.85 S 147° 20'.98 E 42° 51'.85 S 147° 20'.98 E

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

#### Chart temporarily affected - Aus 172

#### **96(T)/2019 AUSTRALIA - TASMANIA - River Derwent - Ralphs Bay - Drill rig moved** *Former Notice* - 1055(T)/2018 is cancelled Esso Australia Pty Ltd

Cancel this notice on receipt.

#### Chart formerly affected - Aus 171 - Aus 796

# **97(T)/2019 AUSTRALIA - TASMANIA - Robbins Island - Light buoy restored** *Former Notice -* 266(T)/2018 is cancelled Marine and Safety Tasmania Notice M008/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 790

# HYDROGRAPHIC REPORTS

Locality	Report	Ship/Authority	Observer
TORRES STRAIT- Dalrymple Islet	Obstruction	HMAS Launceston	
TAS- Foster Islands	Underwater Rock		T White
Cape Barren Island and Preservation Island	Coastline inaccuracies and uncharted rocks		Jack and Jude

#### **NAVIGATION WARNINGS**

The Australian Hydrographic Office will no longer compile Section III of the Australian Notices to Mariners. For the most up to date navigation warnings please refer to:

AMSA Navigation Warnings http://amsa.gov.au/search-and-rescue/distress-and-safety-comms/msi/msi-email/index.asp

New Zealand Notices to Mariners (Navarea XIV warnings) http://www.linz.govt.nz/sea/maritime-safety/notices-mariners

#### To accompany Australian Notice to Mariners 51/2019

SYDNEY VESSEL TRAFFIC SERVICE AREA For entry into Sydney Harbour, vessels approaching Port Jackson are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 13, two hours prior to arrival off port limits. For entry into Botany Bay, vessels approaching Port Botany are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 12, two hours prior to arrival off port limits.

Note for chart Aus 197

#### To accompany Australian Notice to Mariners 51/2019

SYDNEY VESSEL TRAFFIC SERVICE AREA For entry into Sydney Harbour, vessels approaching Port Jackson are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 13, two hours prior to arrival off port limits. For entry into Botany Bay, vessels approaching Port Botany are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 12, two hours prior to arrival off port limits.

Note for chart Aus 200

#### To accompany Australian Notice to Mariners 51/2019

SYDNEY VESSEL TRAFFIC SERVICE AREA

SYDNEY VESSEL TRAFFIC SERVICE AREA For entry into Sydney Harbour, vessels approaching Port Jackson are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 13, two hours prior to arrival off port limits. For entry into Botany Bay, vessels approaching Port Botany are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 12, two hours prior to arrival off port limits.

Note for chart Aus 809

#### To accompany Australian Notice to Mariners 59/2019

#### TRAFFIC SEPARATION

The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routeing system.

The scheme has been established to enhance maritime safety and environment protection.

It is recommended that vessels use the TSS and avoid navigating inshore of the scheme.

Note for chart Aus 336

#### To accompany Australian Notice to Mariners 51/2019

SYDNEY VESSEL TRAFFIC SERVICE AREA For entry into Sydney Harbour, vessels approaching Port Jackson are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 13, two hours prior to arrival off port limits.

For entry into Botany Bay, vessels approaching Port Botany are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 12, two hours prior to arrival off port limits.

#### Note for chart Aus 198

To accompany Australian Notice to Mariners 51/2019

SYDNEY VESSEL TRAFFIC SERVICE AREA

For entry into Sydney Harbour, vessels approaching Port Jackson are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 13, two hours prior to arrival off port limits. For entry into Botany Bay, vessels approaching Port Botany are to contact Sydney Vessel Traffic Services (Call Sign Sydney VTS) on VHF channel 12, two hours prior to arrival off port limits.

Note for chart Aus 808

#### To accompany Australian Notice to Mariners 59/2019

#### TRAFFIC SEPARATION

The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routeing system. The scheme has been established to enhance maritime safety and environment protection. . It is recommended that vessels use the TSS and avoid navigating inshore of the scheme.

Note for chart Aus 335

#### To accompany Australian Notice to Mariners 59/2019

#### TRAFFIC SEPARATION

The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routeing svstem.

. The scheme has been established to enhance maritime safety and environment protection.

It is recommended that vessels use the TSS and avoid navigating inshore of the scheme.

Note for chart Aus 756

#### To accompany Australian Notice to Mariners 59/2019

#### TRAFFIC SEPARATION

The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routeing system.

The scheme has been established to enhance maritime safety and environment protection.

It is recommended that vessels use the TSS and avoid navigating inshore of the scheme.

Note for chart Aus 757

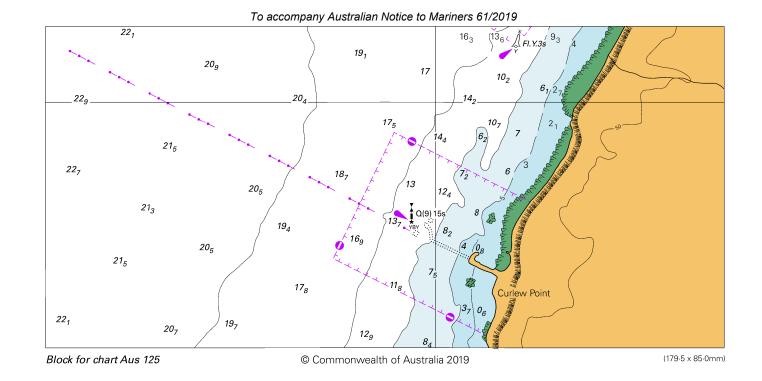
#### To accompany Australian Notice to Mariners 59/2019

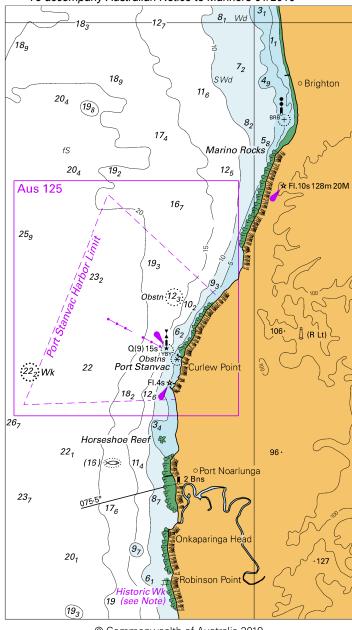
#### TRAFFIC SEPARATION

The Traffic Separation Scheme (TSS) shown on this chart is an International Maritime Organization - adopted ships routeing system. The scheme has been established to enhance maritime safety and environment protection.

It is recommended that vessels use the TSS and avoid navigating inshore of the scheme.

Note for chart Aus 758





To accompany Australian Notice to Mariners 61/2019

© Commonwealth of Australia 2019 Block for chart Aus 781 (92-0 x 162-3mm)