



6 January 2023

Edition 1

AUSTRALIAN NOTICES TO MARINERS

Notices 1 - 51

**Including
List of Temporary and Preliminary Notices in force**

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 S.T. DUNNE RAN
Hydrographer of Australia

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IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting Australian Hydrographic Office (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 (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).

AUTHORISED USE

Copies of Australian notices are available free of charge from the 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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1 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Office

New Charts

Chart	Title and Geographical limits	Scale	Publication Date	Remarks
NIL				

New Electronic Navigation Chart (Aus ENC)

Cell Name	Title	Publication Date	Remarks
NIL			

New Editions and Withdrawn Charts

Chart	Title	Scale	Publication Date	Remarks
NIL				

Erratum*Notice to Mariners 1004/2022*

Advice for AusTides 2023 incorrectly stated that it was available as a pdf download. AusTides 2023 can be downloaded from the AHO website products download page (www.hydro.gov.au/webapps/jsp/downloads/products.jsp).

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 AHO website at www.hydro.gov.au for new edition and new chart stock arrival information.

2 AUSTRALIA - Products - New Charts and New Editions to be published shortly

Australian Hydrographic Office

New Charts to be published shortly

Chart	Title	Scale	Remarks
Aus 910	Timor-Leste (North Coast) - Approaches to Caitehu	1:10 000	New chart with latest bathymetric survey data.

New Editions to be published shortly

Chart	Title	Scale	Remarks
Aus 20	Australia - North Coast - Northern Territory - Clarence Strait	1:50 000	New edition with general updating throughout; including new bathymetric data.
Aus 249	Australia - East Coast - Queensland - Approaches to Hay Point and Mackay	1:75 000	New edition with general updating throughout; including updates to port boundaries.
Aus 250	Australia - East Coast - Queensland - Plans of Hay Point and Mackay Harbour	1:15 000 1:10 000	New edition with general updating throughout; including updates to port boundaries.
Aus 754	Australia - West Coast - Western Australia - Lancelin to Cape Peron	1:150 000	New edition with general updating throughout; including new bathymetric data.

3 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Woollooware Bay - Wreck

Transport for NSW

Aus 198 [811/2022]

Delete wreck 34° 01'.33 S 151° 07'.90 E

4 AUSTRALIA - QUEENSLAND - Boyd Point - Scientific instrument

Maritime Safety Queensland Notice 539/2022

Aus 4 [714/2022]Insert special spherical light buoy, *Fl(5)Y.20s*, without topmark 12° 53'.65 S 141° 38'.75 E**5 AUSTRALIA - QUEENSLAND - Hay Point - Pilot boarding place**

Maritime Safety Queensland Notice 553/2022

Aus 249 [926/2022]Insert pilot boarding place with magenta legend, *Bravo*, enclosed by magenta dashed line, radius 0.5M 21° 13'.3 S 149° 21'.2 EDelete pilot boarding place and legend, *Bravo*, and enclosing magenta dashed line, centred on 21° 13'.5 S 149° 20'.7 E**Aus 250 (Hay Point) [926/2022]**Delete pilot boarding place and legend, *Bravo*, and enclosing magenta dashed line, centred on 21° 13'.5 S 149° 20'.7 E**6 AUSTRALIA - TORRES STRAIT - Horn Island - Nomenclature**

Australian Hydrographic Office

Aus 293 [NE 9/12/2022]Amend name to *Horn Island Airport* 10° 34'.90 S 142° 17'.57 E**Aus 700 [378/2022]**Amend name to *Horn Island Airport* 10° 35'.5 S 142° 16'.7 E**7 AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - Herald Patches - Virtual AIS**

Australian Maritime Safety Authority Final ATH 17/2022

Aus 293 [6/2023]

Insert isolated danger virtual AIS 10° 30'.031 S 142° 21'.487 E

8 AUSTRALIA - NORTHERN TERRITORY - Bathurst Island - Clift Island - Wreck westwards

Geoscience Australia

Aus 309 [972/2022]Replace wreck with depth, *164m*, enclosed by danger circle with legend, *Wk* 11° 34'.4 S 129° 51'.6 E**9 AUSTRALIA - WESTERN AUSTRALIA - Baskerville Shoal - Depths**

Australian Hydrographic Office

Aus 323 [933/2022]Insert accompanying block 17° 02'.0 S 122° 12'.0 E
accompanying ZOC diagram 17° 05'.0 S 122° 59'.0 E**Aus 324 [976/2022]**Insert accompanying block 17° 05'.0 S 122° 07'.0 E
accompanying ZOC diagram 19° 39'.0 S 122° 08'.0 E

10 AUSTRALIA - WESTERN AUSTRALIA - Delambre Island - Wreck northwards

Precision Hydrographic Services

Aus 327 [687/2022]

Replace	# with depth, 28 _g m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	20° 19'.3 S	117° 02'.6 E
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11 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Buoy

Department of Transport WA Notice WA898/39/2022

Aus 112 [978/2022]

Insert	special spar buoy without topmark	32° 04'.350 S	115° 43'.550 E
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Aus 117 [1014/2022]

Insert	special spar buoy, E, without topmark	32° 04'.350 S	115° 43'.550 E
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12 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Light buoy

Mid West Ports

Aus 81 [979/2022]

Move	light buoy to	28° 46'.18 S 28° 46'.291 S	114° 31'.72 E 114° 31'.651 E
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13 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Light buoy northeastwards

RPS Group

Aus 327 [10/2023]

Move	light buoy to	18° 45'.4 S 18° 48'.31 S	117° 01'.3 E 116° 57'.44 E
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14 AUSTRALIA - WESTERN AUSTRALIA - Lowendal Islands - Varanus Island - Virtual AIS

Australian Maritime Safety Authority Final ATH 18/2022, Final ATH 19/2022

Aus 65 [1010/2022]

Insert	port lateral virtual AIS	20° 39'.56 S	115° 34'.63 E
	port lateral virtual AIS	20° 39'.68 S	115° 34'.84 E

15 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Ah Chong Island - Light beacon southeastwards*Former Notice - 991(T)/2018 is cancelled*

Santos

Aus 327 [13/2023]

Replace	lit platform with light beacon, Mo(U)Y.15s, without topmark	20° 32'.8 S	115° 36'.3 E
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Aus 742 [351/2022]

Replace	lit platform with light beacon, Mo(U)Y.15s, without topmark	20° 32'.8 S	115° 36'.3 E
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Delete	legend, BAMBRA	20° 32'.8 S	115° 37'.1 E
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16 AUSTRALIA - WESTERN AUSTRALIA - Shark Bay - Herald Loop - Beacon

Department of Transport WA

Aus 331 [980/2022]

Delete	beacon	25° 58'.9 S	114° 05'.0 E
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17 AUSTRALIA - WESTERN AUSTRALIA - Torbay - Scientific instrument

Department of Transport WA Notice 5475/2022

Aus 118 [776/2022]

Insert	special spherical light buoy, Fl.Y.2·5s, without topmark	35° 04'.13 S	117° 46'.20 E
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18 **AUSTRALIA - VICTORIA - Port Phillip - Point MacArthur - Buoy**
Parks Victoria Notice 453/2022

Aus 144 [779/2022]

Insert special conical buoy without topmark

38° 19'.241 S 144° 43'.987 E

19(T)/2023 AUSTRALIA - NEW SOUTH WALES - Shelley Beach Head to Brooms Head - Light buoy off station eastwards

NSW Department of Primary Industries

The special light buoy, *Fl. Y. 5s FAD (Sep-Jun)* (29° 32'.48 S 153° 26'.52 E), is off station and in position 29° 37'.72 S 153° 29'.13 E.

Chart temporarily affected - Aus 812

20(T)/2023 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Millaquin Reach - Wreck salvaged

Former Notice - 985(T)/2022 is cancelled

Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 242

21(T)/2023 AUSTRALIA - QUEENSLAND - Mermaid Beach - Scientific instrument recovered

Former Notice - 843(T)/2021 is cancelled

Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 814

22(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Raby Bay - Wreck salvaged

Former Notice - 1145(T)/2018 is cancelled

Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

23(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Peel Island - Wreck

Former Notice - 197(T)/2021 is cancelled

Maritime Safety Queensland , G Luck

Cancel this notice on receipt.

Chart formerly affected - Aus 236

24(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Lamb Island - Wreck; light buoy

Former Notice - 330(T)/2021 is cancelled

Maritime Safety Queensland Notice 104(T)/2021

Cancel this notice on receipt.

Chart formerly affected - Aus 236

25(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Redland Bay - Light buoy

Former Notice - 68(T)/2022 is cancelled

Maritime Safety Queensland Notice 13(T)/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 236 - Aus 814

26(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Fison Channel - Light beacon relit

Former Notice - 421(T)/2022 is cancelled
Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

27(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Macleay Island - Karragarra Island - Lamb Island - Harbour works

Former Notice - 669(T)/2022 is cancelled
Maritime Safety Queensland Notice 180(T)/2022, 354(T)/2022, 355(T)/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 236

28(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Light buoy relit

Former Notice - 1021(T)/2022 is cancelled
Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

29(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Light beacon restored

Former Notice - 164(T)/2022 is cancelled
Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

30(T)/2023 AUSTRALIA - QUEENSLAND - Moreton Bay - St Helena Island - Light beacon restored

Former Notice - 167(T)/2022 is cancelled
Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

31(T)/2023 AUSTRALIA - QUEENSLAND - Newman Reef - Beacon

Australian Maritime Safety Authority

The west cardinal beacon (10° 03'.59 S 143° 10'.01 E) structure is temporarily coloured BY.

Chart temporarily affected - Aus 837 - Aus 839

32(T)/2023 AUSTRALIA - QUEENSLAND - North Stradbroke Island - Polka Point - Obstruction removed

Former Notice - 380(T)/2021 is cancelled
Maritime Safety Queensland Notice 142(T)/2021

Cancel this notice on receipt.

Chart formerly affected - Aus 236

33(T)/2023 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed

Former Notice - 1024(T)/2022 is cancelled

Maritime Safety Queensland Notice 535(T)/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 260 - Aus 367 - Aus 820 - Aus 822**34(T)/2023 AUSTRALIA - NORTHERN TERRITORY - Bathurst Island - Pipe laying operations; survey operations westwards**

Allseas Marine Contractors Australia

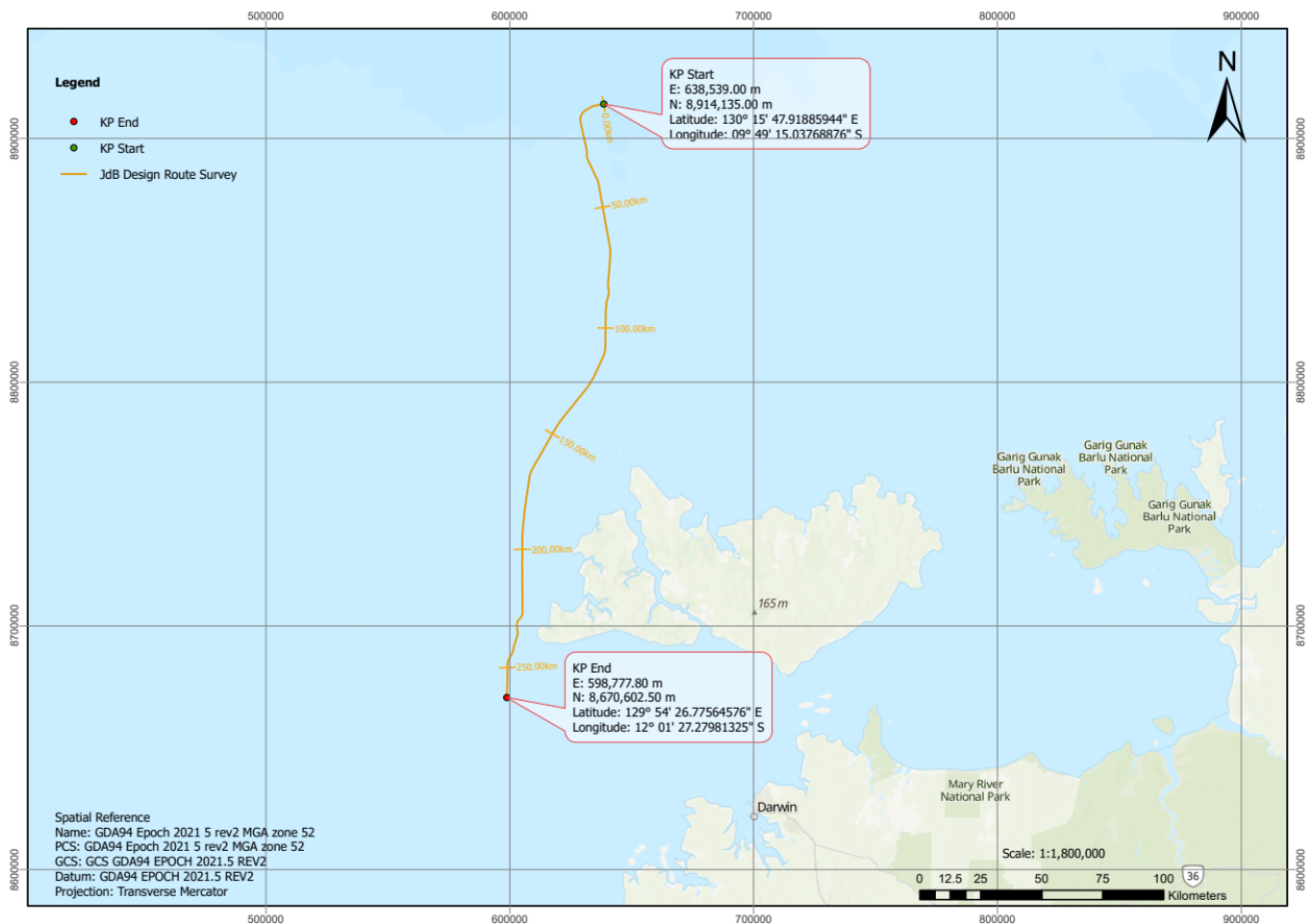
Vessels *Audacia* and *Fortitude* are conducting pipe laying and survey operations between the following positions:

9° 49'.25 S 130° 15'.80 E

10° 43'.81 S 130° 17'.02 E

11° 11'.81 S 129° 59'.90 E

12° 01'.46 S 129° 54'.45 E.

Note: For e-notice users, please see full edition for map.**Chart temporarily affected - Aus 22 - Aus 309 - Aus 310****35(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islet to Montebello Islands - Survey operations completed**

Former Notice - 797(T)/2021 is cancelled

Santos

Cancel this notice on receipt.

Chart formerly affected - Aus 325 - Aus 326 - Aus 327 - Aus 742

36(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Cape Mentelle to Cape Leeuwin - Survey operations
MMA Offshore

Survey operations are in progress in an area bounded by the coast and the following positions:

33° 56'.58 S 114° 59'.51 E
33° 56'.58 S 114° 43'.32 E
34° 00'.81 S 114° 42'.81 E
34° 10'.14 S 114° 44'.10 E
34° 27'.48 S 114° 51'.78 E
34° 37'.38 S 115° 00'.36 E
34° 28'.92 S 115° 11'.64 E.

Tide gauges exist on the seabed in the following positions:

33° 55'.86 S 114° 43'.22 E
33° 56'.07 S 114° 43'.43 E
33° 59'.22 S 114° 57'.37 E
34° 08'.40 S 114° 59'.44 E
34° 09'.75 S 114° 39'.60 E
34° 20'.17 S 115° 00'.52 E
34° 20'.70 S 115° 10'.60 E
34° 20'.74 S 115° 00'.38 E
34° 30'.24 S 114° 46'.81 E
34° 31'.18 S 115° 10'.63 E
34° 38'.28 S 115° 01'.01 E.

Current meters exist on the seabed in the following positions:

34° 10'.58 S 114° 40'.01 E
34° 29'.81 S 114° 46'.44 E
34° 38'.20 S 115° 00'.90 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 116 - Aus 335 - Aus 336

37(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Scientific instrument recovered
Former Notice - 744(T)/2022 is cancelled
Department of Transport WA

Cancel this notice on receipt.

Chart formerly affected - Aus 117

38(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Fishing Boat Harbour - Dredging operations completed
Former Notice - 905(T)/2022 is cancelled
Department of Transport WA

Cancel this notice on receipt.

Chart formerly affected - Aus 81

39(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Platform unlit eastwards
Santos

The *Campbell* platform, *Mo(U)Y.15s* (20° 24'.85 S 115° 43'.80 E), is unlit.

Chart temporarily affected - Aus 327 - Aus 742 - Aus 4723 (INT 723)

40(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland to Cuvier Abyssal - Cable laying operations
Gulf Agency Company (Australia)

Vessel *Ile De Re* is conducting cable laying operations between the following positions:

19° 54'.55 S 118° 36'.45 E
19° 13'.78 S 116° 42'.60 E
19° 32'.49 S 114° 00'.63 E
20° 06'.88 S 111° 08'.88 E
20° 52'.12 S 109° 41'.39 E.

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

Note: For e-notice users, please see full edition for map

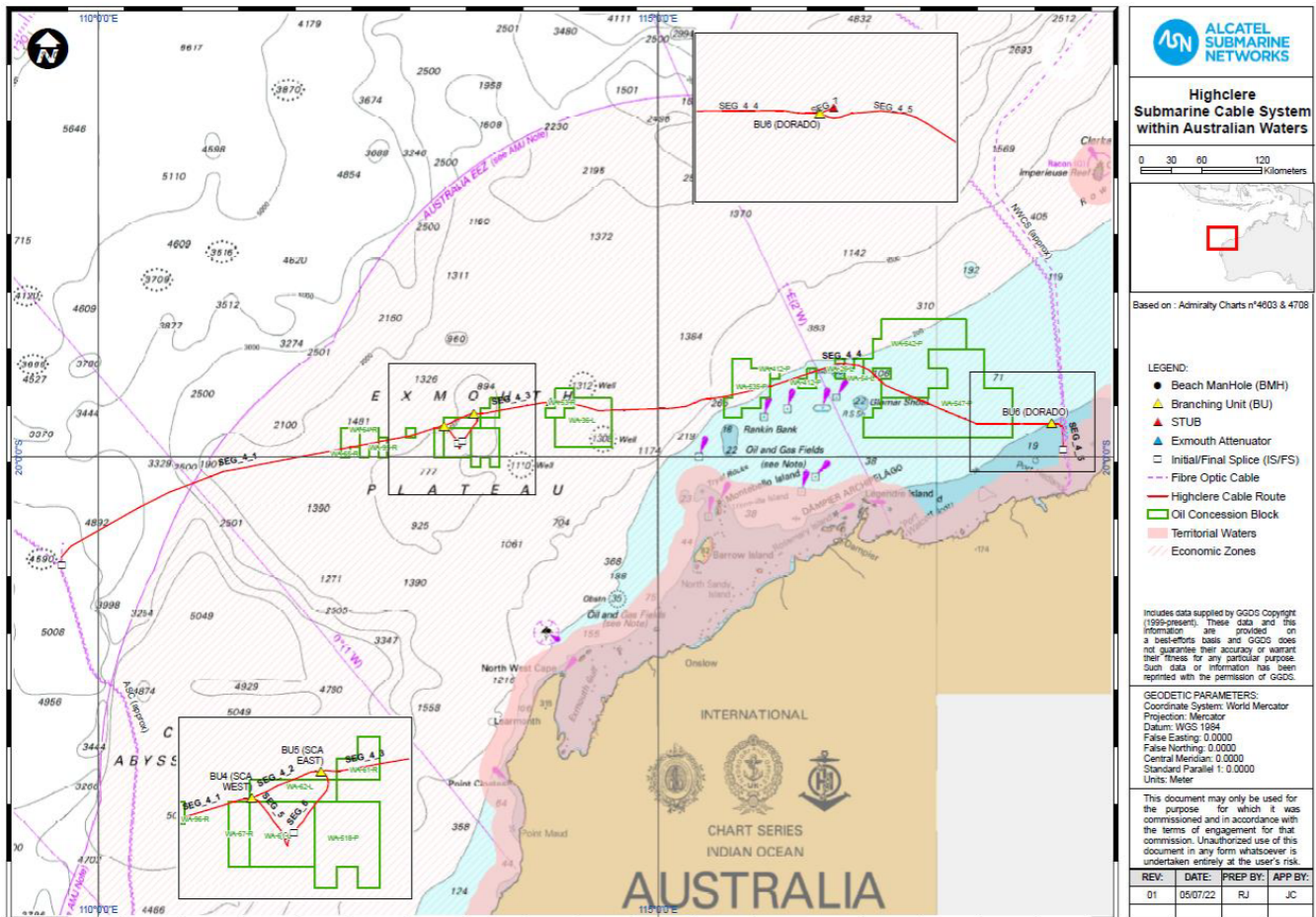


Chart temporarily affected - Aus 53 - Aus 326 - Aus 327 - Aus 328 - Aus 4070 (INT 70) - Aus 4071 (INT 71) - Aus 4603 (INT 603) - Aus 4708 (INT 708) - Aus 4722 (INT 722) - Aus 4723 (INT 723)

41(T)/2023 AUSTRALIA - SOUTH AUSTRALIA - Investigator Strait to Sanders Bank - Survey operations; scientific instruments

Precision Hydrographic Services , Department for Infrastructure and Transport SA Notice 53(T)/2022

Vessel *Ocean Dynasty* is conducting survey operations in areas bounded by the following positions:

35° 11'.93 S 138° 13'.66 E
 35° 15'.31 S 138° 05'.48 E
 35° 35'.04 S 137° 58'.19 E
 35° 34'.50 S 137° 54'.67 E
 35° 12'.82 S 138° 02'.67 E
 35° 07'.56 S 138° 15'.15 E;
 and
 36° 18'.15 S 137° 51'.94 E
 36° 14'.88 S 138° 06'.71 E
 36° 05'.18 S 138° 21'.52 E
 35° 51'.74 S 138° 10'.92 E
 35° 56'.82 S 138° 03'.12 E
 35° 53'.56 S 137° 51'.89 E.

Tide gauges marked by special light buoys, *Fl. Y. 1·5s*, exist in the following positions:

35° 48'.1 S 138° 07'.3 E
 36° 04'.3 S 138° 17'.5 E
 36° 13'.1 S 138° 06'.9 E
 36° 18'.2 S 137° 51'.5 E
 36° 06'.2 S 137° 51'.2 E
 35° 54'.1 S 137° 51'.6 E
 35° 59'.5 S 138° 04'.5 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 346 - Aus 347 - Aus 780 - Aus 781

42(T)/2023 AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Louth Bay to Arno Bay - Scientific instruments
 Department for Infrastructure and Transport SA Notice 54(T)/2022

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

33° 56'.49 S 136° 37'.28 E
 34° 01'.73 S 136° 36'.23 E
 34° 34'.23 S 135° 59'.81 E
 34° 34'.45 S 136° 07'.35 E.

Chart temporarily affected - Aus 776 - Aus 777

43(T)/2023 SOUTHERN OCEAN - Rocket launch completed

Former Notice - 1041(T)/2022 is cancelled
 Southern Launch

Cancel this notice on receipt.

Chart formerly affected - Aus 343 - Aus 346 - Aus 485 - Aus 776 - Aus 4709 (INT 709)

44(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Police Point - Buoy restored

Former Notice - 749(T)/2022 is cancelled
 Parks Victoria Notice 452/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 144

45(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Chelsea - Buoy restored westwards

Former Notice - 638(T)/2022 is cancelled
Parks Victoria Notice 451/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 155

46(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Mordialloc - Light buoy relit

Former Notice - 961(T)/2022 is cancelled
Parks Victoria Notice 487/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 155

47(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Light buoy off station

Parks Victoria Notice 478(T)/2022

The special light buoy, *Fl. Y. 2.5s* (38° 03'.51 S 144° 52'.22 E), is off station.

Chart temporarily affected - Aus 143

48(T)/2023 AUSTRALIA - VICTORIA - Western Port - North Arm - Buoy off station

Parks Victoria Notice 455(T)/2022

The starboard lateral buoy, *No3* (38° 19'.60 S 145° 14'.78 E), is off station.

Chart temporarily affected - Aus 151

49(T)/2023 AUSTRALIA - BASS STRAIT - Scientific instrument

Marine and Safety Tasmania Notice M437(T)/2022

A scientific instrument exists on the seabed in position 41° 02'.15 S 146° 22'.03 E.

Mariners are advised that ground tackle should not be used in the area.

Chart temporarily affected - Aus 164 - Aus 799

50(T)/2023 AUSTRALIA - TASMANIA - Burnie - Scientific instrument northeastwards recovered

Former Notice - 266(T)/2021 is cancelled
Marine and Safety Tasmania Notice M438(T)/2022

Cancel this notice on receipt.

Chart formerly affected - Aus 799

51(T)/2023 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES

Former Notice - 859(T)/2022 is cancelled
Australian Hydrographic Office

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
754/2022 49/2023	Aus357 487 Aus164 799	BASS STRAIT Racon non operational Scientific instrument
788/2022	Aus614	CORAL SEA <i>Diamond Islets</i> Shoaling
494/2019	Aus611 612	<i>Kenn Reefs and Frederick Reefs</i> Shoaling
790/2022	Aus4604	<i>Mellish Reef</i> Light buoy off station northeastwards
21/2021	Aus618	<i>Middleton Reef</i> Unexploded ordnance
989/2017	Aus377	<i>Portlock Reefs</i> Reefs
602/2020	Aus200 808 809	NEW SOUTH WALES <i>Ben Buckler</i> Scientific instruments southeastwards
228/2022	Aus198	<i>Botany Bay</i> Light beacon destroyed
573/2018	Aus806	<i>Callo Point</i> Exclusion zone
709/2016 880/2021	Aus813 Aus813	<i>Cape Byron</i> Obstructions eastwards Light buoy off station northwards
591/2021 229/2022	Aus222 Aus222 812 813	<i>Clarence River</i> Light unlit Shoaling
604/2020	Aus807 808	<i>Jervis Bay</i> Light buoy
202/2022	Aus808	<i>Kiama</i> Fish aggregating device off station eastwards
528/2022	Aus813 814	<i>Kingscliff</i> Harbour works
997/2020	Aus806 807	<i>Merimbula Bay to Broulee Island</i> Scientific instruments
272/2022	Aus806 807	<i>Narooma</i> Fish aggregating device off station eastwards
105/2021 61/2022	Aus200 Aus200	<i>Port Jackson</i> Jetties ruined Scientific instruments
549/2020 594/2021	Aus195 Aus195	<i>Port Kembla</i> Exclusion zone Harbour works
19/2023	Aus812	<i>Shelley Beach Head to Brooms Head</i> Light buoy off station eastwards

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
727/2022	Aus489 806 807 808 809 810 4601 4602	<i>Tathra to Seal Rocks</i> Obstructions
203/2022	Aus192	<i>Twofold Bay</i> Harbour works; exclusion zone
NORTHERN TERRITORY		
832/2022	Aus23	<i>Apsley Strait</i> Light buoy off station
34/2023	Aus22 309 310	<i>Bathurst Island</i> Pipe laying operations; survey operations westwards
834/2022	Aus309	<i>Beagle Gulf</i> Drill rig
211/2021	Aus26	<i>Darwin</i> Scientific instruments
215/2021	Aus25 26	<i>Darwin Naval Base</i> Harbour works; exclusion zone
QUEENSLAND		
62/2022	Aus255 826	<i>Abbot Bay</i> Light buoys
951/2019 486/2022	Aus255 826 Aus255	<i>Abbot Point</i> Light beacon unlit; light buoy established Scientific instrument
461/2017 639/2021 697/2021 698/2021 818/2021	Aus268 Aus268 Aus268 Aus268 Aus268	<i>Bowen</i> Obstruction Light buoy off station Light buoy unlit Wreck Light buoy off station
998/2020	Aus246	<i>Boyne River</i> Light buoy off station
213/2018	Aus236	<i>Bribie Island</i> Shoaling
27/2018	Aus236	<i>Brisbane</i> Harbour works
875/2022 877/2022	Aus237 Aus237	<i>Brisbane River</i> Obstructions Wreck
455/2018 236/2022 388/2022	Aus242 Aus242 Aus242	<i>Bundaberg</i> Light beacon Light buoy off station Shoaling
277/2022 733/2022	Aus262 Aus262	<i>Cairns</i> Wreck Light buoys
105/2020 457/2020	Aus827 Aus826 827	<i>Cape Bowling Green</i> Obstruction; light buoy Obstruction southeastwards

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
247/2021	Aus256	<i>Cape Ferguson</i> Scientific instrument
237/2022	Aus832	<i>Cape Flattery</i> Scientific instrument
737/2021	Aus256 827	<i>Cleveland Bay</i> Scientific instruments
716/2019	Aus831	<i>Daintree River</i> Light buoy withdrawn
418/2017	Aus252 253	<i>Daydream Island</i> Lights unlit; light buoys established
72/2018	Aus830	<i>Fitzroy Island</i> Light buoys
738/2021 980/2021	Aus265 Aus819	<i>Fitzroy River</i> Scientific instrument Scientific instrument
782/2018	Aus615	<i>Flinders Reef</i> Shoaling
741/2021 823/2022	Aus817 Aus816	<i>Fraser Island</i> Shoaling Light buoy off station eastwards
62/2021 64/2021 530/2022	Aus245 246 Aus245 Aus245	<i>Gladstone</i> Scientific instrument Harbour works Scientific instrument
555/2020	Aus814	<i>Gold Coast</i> Scientific instrument
490/2022	Aus814	<i>Gold Coast Seaway</i> Light buoy destroyed eastwards
523/2017	Aus821 824 825	<i>Great Barrier Reef</i> Shoaling
842/2021 64/2022 389/2022	Aus817 Aus817 Aus817	<i>Great Sandy Strait</i> Light buoys Wreck Wreck
696/2022	Aus256 827	<i>Halifax Bay</i> Light beacon unlit
700/2021 981/2021 238/2022 566/2022 825/2022	Aus249 250 Aus249 250 823 Aus250 Aus249 250 Aus249 250	<i>Hay Point</i> Dredging operations Exclusion zone Light buoys Scientific instrument Mooring buoys
215/2018	Aus259	<i>Hinchinbrook Channel</i> Wreck
249/2021	Aus260 367 822	<i>Holt Island to Hexham Island</i> Shoaling

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
548/2019 944/2022	Aus821 824 Aus821	<i>Hydrographers Passage</i> Shoaling Scientific instrument
488/2019 378/2021	Aus303 Aus6	<i>Karumba</i> Wreck northwards Shoaling
826/2022	Aus6	<i>Karumba Channel</i> Light buoy off station
945/2022	Aus820	<i>Keppel Isles</i> Scientific instruments
286/2020	Aus252	<i>Laguna Quays</i> Shoaling; nav aids
562/2021	Aus267	<i>Lucinda</i> Light buoy
429/2020	Aus250	<i>Mackay</i> Obstruction; light buoy
25/2022	Aus256 827	<i>Magnetic Island</i> Scientific instrument
440/2019 251/2021 736/2022 886/2022 891/2022 893/2022 946/2022	Aus236 Aus236 Aus236 Aus236 Aus236 814 815 Aus236 Aus236	<i>Moreton Bay</i> Wreck; light buoy Wreck; light buoy Mooring buoy Drilling operations Obstruction Light beacon unreliable Light buoy unlit
31/2023	Aus837 839	<i>Newman Reef</i> Beacon
470/2017	Aus816	<i>North Gardner Bank</i> Foul ground
452/2022	Aus814	<i>North Stradbroke Island</i> Wreck
422/2022	Aus814	<i>Palm Beach</i> Light buoy off station
889/2021	Aus814	<i>Point Lookout</i> Light buoy repositioned eastwards
332/2021	Aus839 841	<i>Poll Islet</i> Wreck
895/2022 897/2022	Aus236 Aus236 815	<i>Pumicestone Channel</i> Wreck, light buoy Coastline inaccuracies; shoaling
177/2019	Aus294	<i>Red Island Point</i> Wreck
249/2020	Aus837 839	<i>Richardson Reef to Newman Reef</i> Scientific instruments
358/2022	Aus830	<i>Satellite Reef</i> Wreck

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
561/2020	Aus814	<i>The Broadwater</i> Light buoys
1025/2022	Aus260	<i>Thirsty Sound</i> Light buoy off station
19/2021	Aus301	<i>Thud Point</i> Scientific instrument
1008/2020	Aus256	<i>Townsville</i> Wreck
336/2021	Aus256	Wreck; light buoy
703/2021	Aus256 827	Harbour works
26/2022	Aus256	Obstruction; light buoy
700/2022	Aus256	Shoaling; light buoys
701/2022	Aus256	Channel widening works; nav aids
1026/2022	Aus826	<i>Upstart Bay</i> Obstructions
393/2019	Aus4	<i>Weipa</i> Harbour works
603/2019	Aus4	Scientific instruments
723/2019	Aus4 301	Tide gauge; light buoy
536/2022	Aus262 830	<i>Yorkeys Knob</i> Lights altered
SOUTH AUSTRALIA		
436/2017	Aus485 780	<i>Fleurieu Peninsula</i> Hulk; prohibited area
794/2018	Aus342	<i>Flinders Island</i> Light unlit
884/2020	Aus781	<i>Gleneelg</i> Shoaling; dredging operations
81/2021	Aus781	<i>Gulf St Vincent</i> Artificial reef
803/2021	Aus130 780 781	Scientific instruments
723/2020	Aus485 780 781	<i>Investigator Strait to Gulf St Vincent</i> Tide gauges
41/2023	Aus346 347 780 781	<i>Investigator Strait to Sanders Bank</i> Survey operations; scientific instruments
674/2022	Aus346 485	<i>Kangaroo Island</i> Shoaling
733/2019	Aus347	<i>Lacepede Bay</i> Wreck
506/2019	Aus777	<i>Lucky Bay</i> Harbour works
934/2020	Aus777	Dredging operations
492/2021	Aus341 342 343	<i>Masillon Island to Rocky Island</i> Islands out of position
291/2021	Aus130	<i>Port Adelaide</i> Shoaling

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
719/2021	Aus134 776	<i>Port Lincoln</i> Scientific instruments
42/2023	Aus776 777	<i>Spencer Gulf</i> Scientific instruments
613/2021 909/2022	Aus120 341 Aus120	<i>Thevenard</i> Harbour works Light altered
998/2022	Aus777 778	<i>Two Hummock Point to Point Riley</i> Scientific instruments
587/2022	Aus777	<i>Wallaroo</i> Harbour works
886/2020	Aus347 780	<i>Wirrina Cove</i> Light beacon altered
910/2022	Aus777 778	<i>Yorke Peninsula</i> Scientific instrument
TASMAN SEA		
438/2021 231/2022	Aus4601 Aus4601	<i>Tasman Basin</i> Light buoy off station Light buoy off station
TASMANIA		
733/2020 510/2021	Aus163 Aus799	<i>Burnie</i> Harbour works Scientific instrument northeastwards
522/2020	Aus173	<i>D'Entrecasteaux Channel</i> Harbour works; light buoys
263/2018 861/2021 135/2022 855/2022 916/2022	Aus164 Aus164 Aus164 Aus164 Aus164	<i>Devonport</i> Shoaling Wreck Exclusion zone Bed levelling Virtual AIS
682/2020	Aus179 798 800	<i>Franklin Sound</i> Shoaling
856/2022	Aus173 795	<i>Huon River</i> Wreck
177/2021	Aus178	<i>King Island</i> Platform, submarine cable, prohibited area
673/2021	Aus766 797	<i>Maria Island</i> Scientific instruments
183/2020 677/2021	Aus171 174 Aus171	<i>North West Bay</i> Infrastructure Mooring area
1002/2022	Aus487 799	<i>Penguin</i> Scientific instrument northwards
93/2022	Aus790 799 4709	<i>Perkins Island to Rocky Cape</i> Scientific instruments

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
627/2016	Aus171 796	<i>Pipe Clay Head to Pitt Water</i> Scientific instruments
1017/2020	Aus796	<i>Pitt Water</i> Wreck
722/2021	Aus167	<i>Port Dalrymple</i> Harbour works
408/2022	Aus164	<i>Port Fenton</i> Artificial reef northwestwards
962/2022	Aus171	<i>River Derwent</i> Harbour works
410/2022	Aus163 164 167 178 179 487 790 798 799 800	<i>Rocky Cape to East sandy Point</i> Shoaling
302/2022	Aus178 790	<i>Stanley Harbour</i> Shoaling
993/2022	Aus37 40 41 50 314 317 319 320 322 323 324 325 326 728 729 730 732 733 4722	TIMOR SEA WESTERN AUSTRALIA Survey operations
337/2021 27/2022	Aus841 Aus841	TORRES STRAIT <i>Boigu Island</i> Shoaling Shoaling
1049/2020	Aus842	<i>Deliverance Island</i> Shoaling
1025/2021	Aus839	<i>Great North East Channel</i> Scientific instrument
574/2022	Aus299	<i>Horn Island</i> Wreck
28/2022	Aus293 700 839 841	<i>Prince of Wales Channel</i> Shoaling
795/2021	Aus377 840 841	<i>Yorke Islands to Boigu Island</i> Scientific instruments
493/2021	Aus143	VICTORIA <i>Barwon Head</i> Light buoy withdrawn eastwards
888/2020 630/2022	Aus348 Aus140 348 349	<i>Cape Duquesne</i> Scientific instruments Scientific instruments
81/2022	Aus157	<i>Geelong</i> Survey
747/2022	Aus357 487	<i>Ninety Mile Beach</i> Traffic separation scheme southwestwards
995/2021	Aus181	<i>Port Albert</i> Nav aids to be withdrawn

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
850/2022	Aus349 487 787 801	<i>Port Campbell to Cape Woolamai</i> Subsea operations southwards
328/2020 578/2021	Aus141 349 Aus141	<i>Port Fairy</i> Light unreliable Light buoy off station
678/2019	Aus141 349	<i>Port Fairy Bay</i> Scientific instrument
379/2018 1292/2019 42/2020 35/2021 350/2021 409/2021 413/2021 542/2021 579/2021 618/2021 1004/2021 1032/2021 1033/2021 40/2022 294/2022 295/2022 852/2022 914/2022 915/2022 47/2023	Aus143 155 Aus143 155 Aus155 Aus155 Aus153 157 Aus157 Aus157 Aus143 155 Aus143 155 Aus155 Aus155 Aus143 Aus155 Aus143 155 157 Aus143 157 Aus143 155 Aus143 144 788 Aus157 Aus143 Aus143	<i>Port Phillip</i> Light beacon unlit Light beacon unlit Obstruction Light buoy off station Scientific instruments Scientific instrument Light buoys; AIS Dredging operations Jetty Obstructions Light buoy unlit Beacon destroyed Buoy Scientific instruments Exclusion zone Light unlit Shoaling; virtual AIS Artificial reef Light beacon removed Light buoy off station
895/2020	Aus181	<i>Port Welshpool to McLoughlins Entrance</i> Shoaling
416/2021	Aus140	<i>Portland</i> Shoaling
219/2020	Aus140 349	<i>Portland Bay</i> Scientific instruments
750/2022 752/2022	Aus357 487 4601 Aus357 487 4601	<i>Seaspray</i> Platform unlit southwards Platform unlit southeastwards
1047/2022	Aus801	<i>Venus Bay</i> Scientific instrument
664/2021 665/2021 859/2021 90/2022 804/2022 48/2023	Aus151 Aus151 Aus151 Aus151 801 4709 Aus151 Aus151	<i>Western Port</i> Shoaling Light beacons unlit Exclusion zone Exclusion zone Jetty closed Buoy off station
647/2021	Aus64 328 743 744	WESTERN AUSTRALIA <i>Ashburton Island</i> Scientific instrument northwards
291/2019 949/2022 1028/2022	Aus328 Aus328 742 Aus328 742	<i>Barrow Island</i> Well abandonment works northwestwards Drill rig northwestwards Subsea operations northwestwards

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
987/2021 742/2022	Aus37 320 729 730 Aus320 729 730	<i>Bonaparte Archipelago</i> Shoaling Survey operations
904/2022	Aus319 320 322	<i>Browse Island</i> Drill rig northwestwards
623/2022	Aus115	<i>Bunbury</i> Harbour works
287/2022	Aus328 329 744 745	<i>Bundegi Reef</i> Scientific instrument
36/2023	Aus116 335 336	<i>Cape Mentelle to Cape Leeuwin</i> Survey operations
781/2020 1028/2021 130/2022	Aus73 Aus73 Aus73	<i>Carnarvon</i> Scientific instrument Harbour works Shoaling
1113/2019 364/2022	Aus59 Aus57 59 327	<i>Dampier</i> Light buoy established Scientific instruments
366/2022	Aus327	<i>Dampier Archipelago</i> Scientific instruments northeastwards
951/2022	Aus754 4708 4709	<i>Direction Bank</i> Subsea operations
1078/2015	Aus318 319 727 728	<i>East Holothuria Reef</i> Shoaling
401/2021	Aus112 117 754	<i>Fremantle</i> Dredging operations
1165/2019	Aus117	<i>Garden Island</i> Obstruction; light buoy
841/2022 1032/2022	Aus116 755 Aus755	<i>Geographe Bay</i> Scientific instruments Scientific instruments
800/2021	Aus81	<i>Geraldton</i> Dredging operations
842/2022 1033/2022	Aus327 Aus327 4722 4723	<i>Glomar Shoal</i> Subsea operations southwestwards Subsea operations northwestwards
1280/2019	Aus332	<i>Houtman Abrolhos</i> Shoaling
1034/2022	Aus318	<i>Joseph Bonaparte Gulf</i> Drill rig
1010/2020	Aus84 753	<i>Jurien Bay</i> Scientific instruments
212/2022	Aus118	<i>King George Sound</i> Scientific instruments
404/2021	Aus40 41	<i>Koolan Island</i> Mooring buoy

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
955/2022 39/2023	Aus328 742 Aus327 742 4723	<i>Montebello Islands</i> Scientific instrument westwards Platform unlit eastwards
334/2022	Aus328 329	<i>Muiron Islands</i> Well plug and abandonment works northwestwards
1036/2022	Aus754	<i>Mullaloo</i> Scientific instruments
745/2022 845/2022	Aus746 Aus745	<i>Ningaloo Reef</i> Scientific instrument Light buoy off station
1038/2022	Aus328 329 744	<i>North West Cape</i> Drill rig northwards
653/2021	Aus64	<i>Onslow</i> Harbour works
958/2022	Aus320 730	<i>Osborn Reefs</i> Wreck
1118/2019	Aus336	<i>Point D'Entrecasteaux to Point Nuyts</i> Shoaling
908/2022	Aus116	<i>Port Geographe Marina</i> Dredging operations
991/2021 461/2022 540/2022 583/2022	Aus53 326 Aus53 Aus325 326 Aus53	<i>Port Hedland</i> Obstruction Scientific instruments Scientific instruments Mooring buoys
40/2023	Aus53 326 327 328 4070 4071 4603 4708 4722 4723	<i>Port Hedland to Cuvier Abyssal</i> Cable laying operations
1285/2019	Aus55 326	<i>Port Walcott</i> Tide gauge
540/2021 1075/2021	Aus64 743 Aus64 743	<i>Port of Ashburton</i> Light buoy off station Scientific instrument
480/2016 731/2016	Aus327 Aus327 328	<i>Rankin Bank</i> Scientific instrument Scientific instruments southwestwards
212/2020 933/2020	Aus754 Aus754	<i>Rottneest Island</i> Scientific instruments northwestwards Scientific instrument
1039/2022	Aus754	<i>South West Break to Staggie Reef</i> Scientific instruments
509/2022	Aus112	<i>Trigg Island</i> Scientific instruments westwards
585/2022	Aus116	<i>Warnbro Sound</i> Shoaling
183/2022	Aus920	INDIAN OCEAN <i>Christmas Island</i> Mooring buoy off station

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<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
785/2022	Aus4604	PACIFIC OCEAN Scientific instruments
792/2022	Aus4604 PNG507	PAPUA NEW GUINEA <i>Ava Point</i> Light unlit
826/2020	PNG506 507 623	<i>Batumata Point</i> Shoaling
789/2018	Aus4622	<i>Bismarck Sea</i> Fish aggregating devices
771/2020	PNG379 647	<i>Boera Head</i> Light unlit
327/2022	PNG509 512	<i>Bonvouloir Islands</i> Light unlit
963/2020 481/2021	PNG647 648 PNG647	<i>Caution Bay</i> Light beacon damaged Light beacon unlit
564/2020	PNG673	<i>Dampier Strait</i> Light buoys off station
668/2020	Aus841	<i>Dauan Island</i> Light altered
829/2022	PNG509	<i>Dekatuwe (Bright) Island</i> Light beacon unlit
968/2019	Aus545 554 PNG679 680	<i>Duke of York Island</i> Shoaling
346/2019 794/2022	PNG643 Aus4622 PNG386 521 522 523	<i>Huon Gulf</i> Light buoy off station Fish aggregating devices
1331/2019	Aus625 PNG508	<i>Isulailai Point</i> Light beacon unlit
830/2022	PNG508 509 628	<i>Kanaweya (Shortland) Reefs to Nuakata Passage</i> Light beacons unlit
116/2021	PNG392 393 543 666	<i>Kavieng to Neitab Island</i> Shoaling
516/2020	PNG674 677	<i>Kimbe</i> Light beacon unlit
286/2019	PNG646	<i>Madang Harbour</i> Shoaling
118/2021	Aus399 4604 4622 PNG397 684	<i>Madehas Island</i> Light unlit
1110/2019	PNG628	<i>Oreore Channel</i> Light buoy off station
985/2021	Aus840 841	<i>Saibai Island</i> Shoaling
670/2022	PNG519	<i>Star Reefs Passage</i> Shoaling

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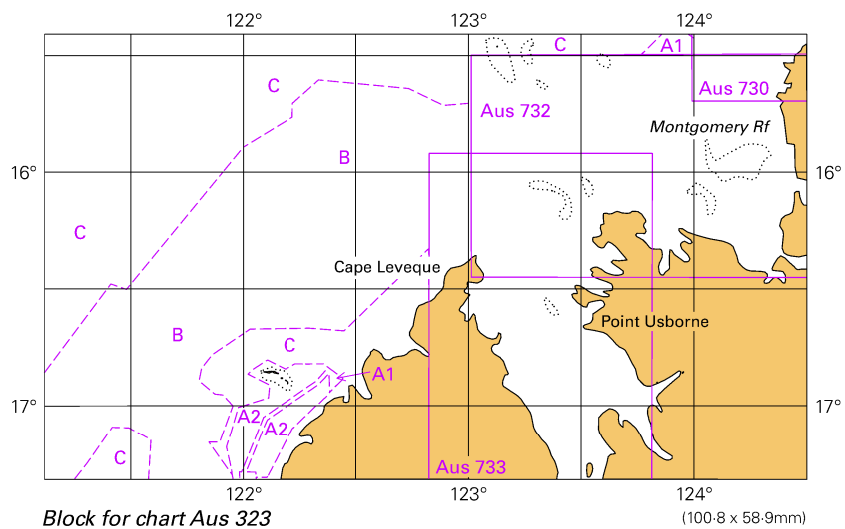
<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1067/2021	Aus4604 4622 PNG545 554 680	<i>Tavui Point</i> Light unlit
208/2022	Aus4622 PNG389 651	<i>Unei Island</i> Light unlit
831/2022	PNG543 666	<i>Wadei Island</i> Light beacon unlit
SOLOMON ISLANDS		
44/2020	SLB104	<i>Bina Harbour</i> Shoaling
91/2018	SLB102 301 302	<i>Ghizo Island</i> Shoaling
677/2017	SLB101	<i>Honiara and Lungga Roads</i> Shoaling
805/2022	SLB304	<i>Indispensable Strait</i> Light beacon unlit
678/2017	SLB101 201	<i>Lungga Point</i> Light beacon unlit
807/2022	Aus4604 SLB201 304	<i>Nggela Channel</i> Light beacon unlit
847/2018	SLB102 301 302	<i>Nusatupe Island</i> Topmark destroyed
406/2020	SLB102	<i>Port Noro to Kuri Point</i> Shoaling
SOUTHERN OCEAN		
80/2022	Aus600	<i>Antarctica</i> Shoaling
TIMOR-LESTE		
987/2018	Aus901	<i>Dili</i> Light unlit
361/2022	Aus312 313 321	Shoaling

II

HYDROGRAPHIC REPORTS

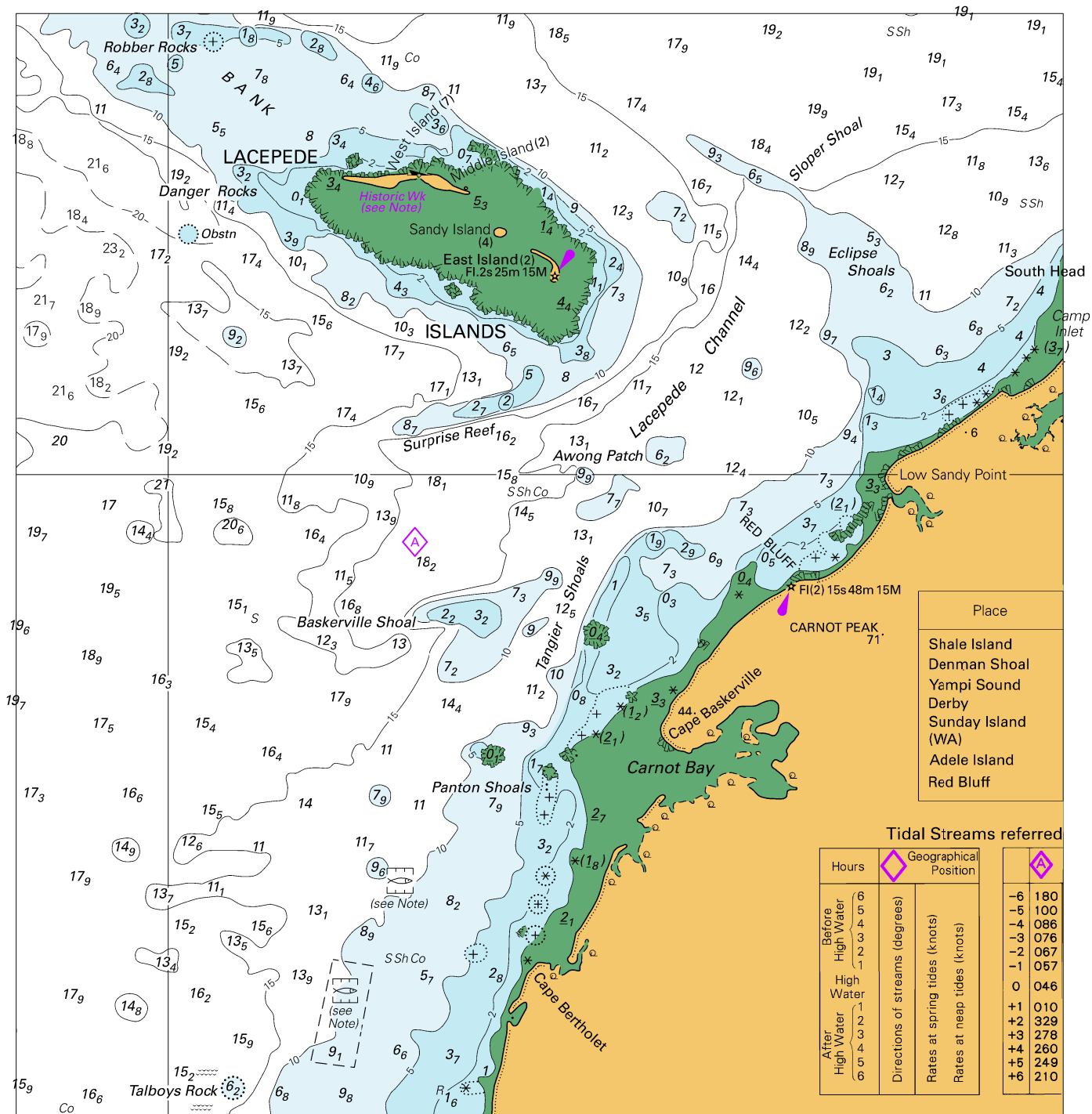
NIL

To accompany Australian Notice to Mariners 9/2023



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To accompany Australian Notice to Mariners 9/2023



Place
Shale Island
Denman Shoal
Yampi Sound
Derby
Sunday Island (WA)
Adele Island
Red Bluff

Tidal Streams referred

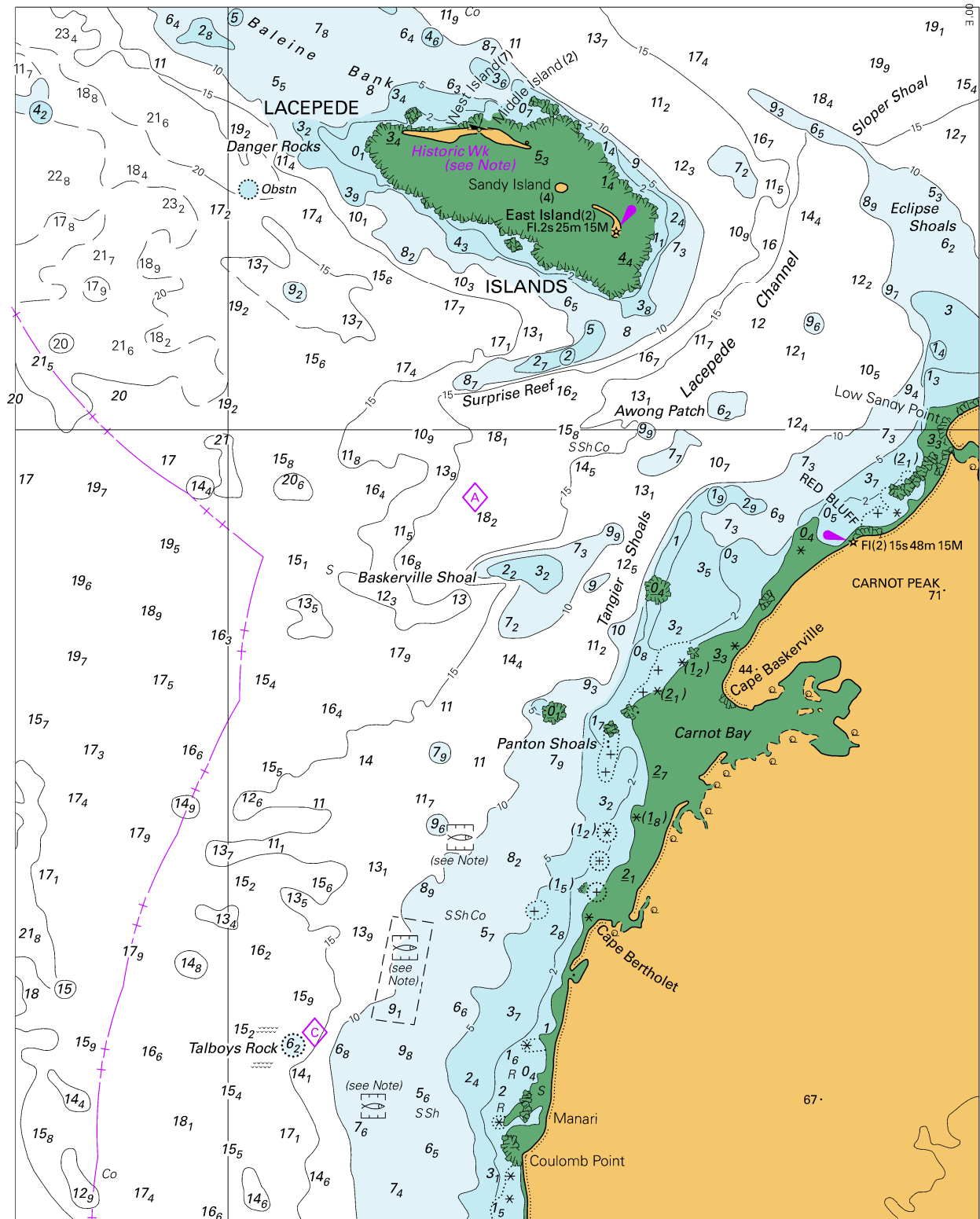
Hours	Geographical Position	
Before High Water	(6 5 4 3 2 1)	(-6 180 -5 100 -4 086 -3 076 -2 067 -1 057)
High Water	(1 2 3 4 5 6)	(0 046 +1 010 +2 329 +3 278 +4 260 +5 249 +6 210)
After High Water	(1 2 3 4 5 6)	
Directions of streams (degrees)		
Rates at spring tides (knots)		
Rates at neap tides (knots)		

Block for chart Aus 323

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(176.8 x 186.0mm)

To accompany Australian Notice to Mariners 9/2023

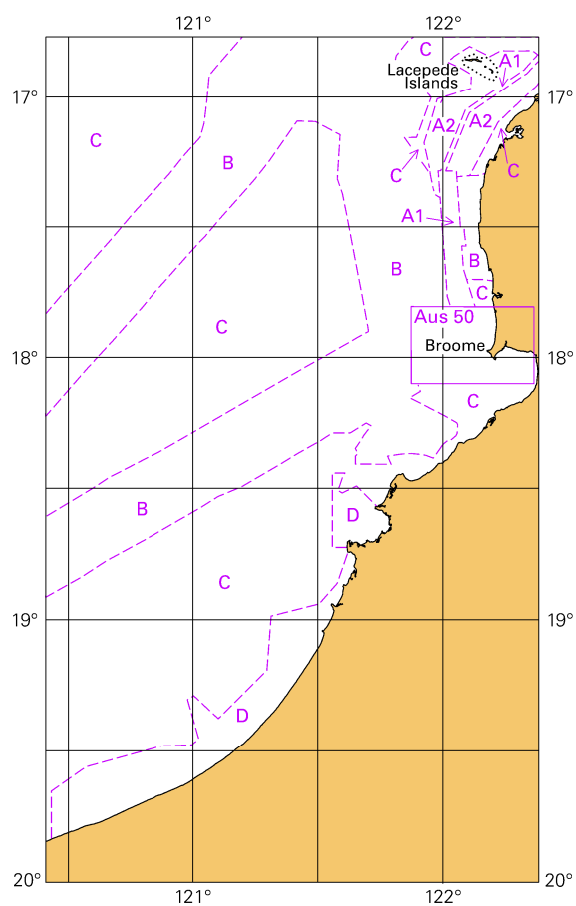


Block for chart Aus 324

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(162.2 x 204.3mm)

To accompany Australian Notice to Mariners 9/2023



Block for chart Aus 324

(65.2 x 111.8mm)

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