372,000 372,500 373,000 373,500

6,342,000 6,341,500 6,341,000 6,340,500 6,340,000

LAKE MACQUARIE

SHEET 2

(See Plan No. 719 - 045 | 02)

Marks Point Marina

MARKS POINT

Swan Bay

Swansea Channel

LAKE MACQUARIE

Elizabeth Island

Pelican Island

Spectacle Island

Swan Bay

Naru Beach

Lake Macquarie Airport

SHEET 4

(See Plan No. 719 - 045 | 04)

Swansea Channel

PELICAN

SHEET 3

(See Plan No. 719 - 045 | 03)

Lake Head

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Contour interval: 0.5m
Aerial Image © Nearmap Date: 05 October 2021

LEGEND

Depth

- 0 to 0.5 metres
- 0.5 to 1 metres
- 1 to 1.5 metres
- 1.5 to 2 metres
- 2 to 2.5 metres
- 2.5 to 3.5 metres
- 3 to 3.5 metres
- 3.5 to 4 metres
- 4 to 4.5 metres
- 4.5 to 5 metres
- 5 to 5.5 metres
- 5.5 to 6 metres
- 6 to 6.5 metres
- 6.5 to 7 metres
- 7 to 7.5 metres
- 7.5 to 8 metres
- 8 to 8.5 metres
- 8.5 to 9 metres
- 9 to 9.5 metres
- 9.5 to 10 metres
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- 10.5 to 11 metres
- 11 to 11.5 metres
- 11.5 to 12 metres
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- 12.5 to 13 metres
- 13 to 13.5 metres
- 13.5 to 14 metres
- 14 to 14.5 metres
- 14.5 to 15 metres
- 15 to 15.5 metres
- 15.5 to 16 metres
- 16 to 16.5 metres
- Greater than 16.5 metres

Aid to Navigation

- Lit Nth.Cardinal - Conical Buoy
- Lit Port Buoy - No Top Mark
- Lit Port Buoy - with Top Mark
- Lit Special Mark - Can Buoy NTM
- Lit Special Mark - Pillar Buoy
- Lit Starboard - Aqua Buoy
- Lit Stbd Buoy - No Top Mark
- Lit Stbd Buoy - with Top Mark
- Lit West Cardinal - Can Buoy
- Lit stbd. beacon - no top mark
- Lit west - cardinal beacon
- Port - Aqua Buoy
- Port Buoy - No Top Mark
- Special Mark - Aqua Buoy
- Starboard - Aqua Buoy

LOCALITY SKETCH

© Department of Customer Service

DATUM DIAGRAM

DATUM:
Soundings are in metres and decimetres reduced to Australian Height Datum 1971 (AHD71).

This plan is produced on the Geocentric Datum of Australia 1994 (GDA94).
The map projection is Map Grid of Australia (MGA) zone 56.

SURVEY INFORMATION:

Sounded by Echo Sounder: CEESCOPE
Date of Survey: 23-24/03/2022
Navigation & Processing System: HYPACK 2021
Position & Tides by: HxGn SmartNet RTK GNSS
Fieldbook: 719 - 045

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GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE - SWANSEA CHANNEL MARKS POINT TO PELICAN MARCH 2022 - MONITORING

Scale 1:2,250
at A0 sheet size

0 25 50 75 100 125
Metres

Previous Plan: 719 - 039|01

Date printed: 14/04/2022

719 - 045 | 01

SHEET 1 OF 4 SHEETS

GIS Hydro Job No: 2022-05

OFFICIAL

372,500

373,000

6,342,000

6,341,500

LAKE MACQUARIE

MARKS POINT

Swan Bay

Swansea Channel

Elizabeth Island

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Contour interval: 0.5m
Aerial Image © Nearmap Date: 05 October 2021

LEGEND

Depth

- 0 to 0.5 metres
- 0.5 to 1 metres
- 1 to 1.5 metres
- 1.5 to 2 metres
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Aid to Navigation

- Lit Nth.Cardinal - Conical Buoy
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- Lit Port Buoy - with Top Mark
- Lit Special Mark - Can Buoy NTM
- Lit Stbd Buoy - No Top Mark
- Lit Stbd Buoy - with Top Mark
- Lit west - cardinal beacon
- Port - Aqua Buoy
- Port Buoy - No Top Mark
- Starboard - Aqua Buoy

LOCALITY SKETCH

719 - 045 | 02

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DATUM DIAGRAM

Australian Height Datum (AHD71)

Depth

Channel Bed

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Sounded by Echo Sounder: CEESCOPE

Date of Survey: 23-24/03/2022

Navigation & Processing System: HYPACK 2021

Position & Tides by: HxGn SmartNet RTK GNSS

Fieldbook: 719 - 045

GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE - SWANSEA CHANNEL MARKS POINT TO PELICAN MARCH 2022 - MONITORING

Scale 1:1,000
at A0 sheet size

0 25 50
Metres

Previous Plan: 719 - 039|01

Date printed: 14/04/2022

719 - 045 | 02

SHEET 2 OF 4 SHEETS

GIS Hydro Job No: 2022-05

OFFICIAL

373,000

6,341,000

6,340,500

Swan Bay

Naru Beach

Lake Macquarie Airport

PELICAN

Swansea Channel

373,000

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Contour interval: 0.5m

Aerial Image © Nearmap Date 05 October 2021

LEGEND

Depth

- 0 to 0.5 metres
- 0.5 to 1 metres
- 1 to 1.5 metres
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- 2 to 2.5 metres
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- 14.5 to 15 metres
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- 15.5 to 16 metres
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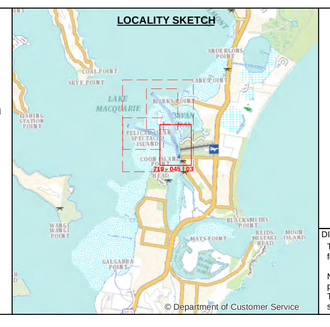
- Greater than 16.5 metres

Aid to Navigation

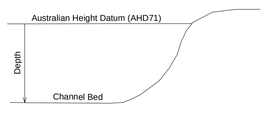
- Lit Port Buoy - No Top Mark
- Lit Special Mark - Can Buoy NTM
- Lit Stbd Buoy - No Top Mark
- Lit stbd. beacon - no top mark

LOCALITY SKETCH



© Department of Customer Service

DATUM DIAGRAM



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SURVEY INFORMATION:

Sounded by Echo Sounder: CEESCOPE

Navigation & Processing System: HYPACK 2021

Fieldbook: 719 - 045

Date of Survey: 23-24/03/2022

Position & Tides by: HxGn SmartNet RTK GNSS

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GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE - SWANSEA CHANNEL MARKS POINT TO PELICAN MARCH 2022 - MONITORING

Scale 1:1,000

at A0 sheet size

0 25 50

Metres

Previous Plan: 719 - 039|01

Date printed: 14/04/2022

719 - 045 | 03

SHEET 3 OF 4 SHEETS

GIS Hydro Job No: 2022-05

OFFICIAL

372,000

372,500

6,343,000

LAKE MACQUARIE

Elizabeth Island

Pelican Island

Spectacle Island

HYDROGRAPHIC SURVEY

LAKE MACQUARIE - SWANSEA CHANNEL MARKS POINT TO PELICAN MARCH 2022 - MONITORING

N

1:1,000
at A0 sheet size

0 25 50
Metres

DATUM:

Soundings are in metres and decimetres reduced to Australian Height Datum 1971 (AHD71).

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SURVEY INFORMATION:

Sounded by Echo Sounder:
CEESCOPE

Date of Survey:
23-24/03/2022

Navigation & Processing System:
HYPACK 2021

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HxGn SmartNet RTK GNSS

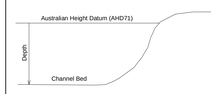
Fieldbook:
719 - 045

GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

DATUM DIAGRAM



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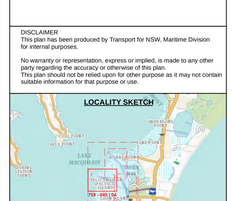

LEGEND

Aid to Navigation
- Lit Special Mark - Pillar Buoy
- Lit West Cardinal - Can Buoy

Depth
- 0 to 0.5 metres
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Previous Plan: 719 - 039|01

Date printed: 14/04/2022

719 - 045 | 04

SHEET 4 OF 4 SHEETS

OFFICIAL

Last Hydro Job No: 2022145