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Contour interval: 0.5m
Aerial Image © Nearmap Date: 8th June 2025

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 metres
- 3 to 3.5 metres
- 3.5 to 4 metres
- 4 to 4.5 metres
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- 14.5 to 15 metres
- 15 to 15.5 metres
- 15.5 to 16 metres
- 16 to 16.5 metres
- 16.5 to 17 metres
- Greater than 17 metres

Aid To Navigation

- Lit East Cardinal - Can Buoy
- 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 port beacon - no top mark
- 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
- Yellow light - beacon

Public Mooring

- Blue Beehive Emerg Police
- Pink Beehive Public Mooring

LOCALITY SKETCH

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 2020 (GDA2020).
The map projection is Map Grid of Australia (MGA) zone 56.

SURVEY INFORMATION:

Sounded by Echo Sounder: CEESCOPE & CEE ECHO
Date of Survey: 22-23/07/2025
Navigation & Processing System: HYPACK 2024
Position & Tides by: HxGn SmartNet RTK GNSS
Fieldbook: 719 - 100

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GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE
SWANSEA CHANNEL
JULY 2025 - POST DREDGE

Scale 1:3,750
at A0 sheet size

0 75 150 225 300
Metres

Previous Plan: 719 - 094 | 01 to 06

Date printed: 22/08/2025

719 - 100 | 01

SHEET 1 OF 6 SHEETS

OFFICIAL

GIS Hydro Job No: 2025-19

372,500

373,000

6,342,000

6,341,500

LAKE MACQUARIE

MARKS POINT

Swan Bay

Swansea Channel

Elizabeth Island

(See Sheet 3)

(See Sheet 4)

NLM358

NLM193

NLM280

NLM281

105

279

160

135

146

153

131

132

136

143

141

145

024

025

026

005

012

023

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Contour interval: 0.5m
Aerial Image © Nearmap Date: 8th June 2025

LEGEND

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Aid To Navigation

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- Lit Port Buoy - with Top Mark
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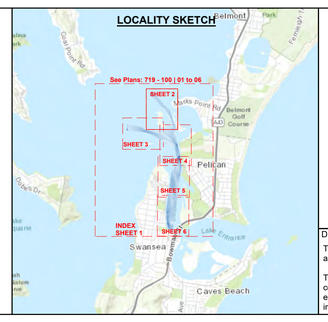
- Lit Stbd Buoy - with Top Mark
- Lit west - cardinal beacon
- Port - Aqua Buoy
- Port Buoy - No Top Mark
- Starboard - Aqua Buoy

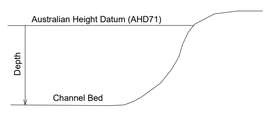
Public Mooring

- Blue Beehive Emerg Police

LOCALITY SKETCH



DATUM DIAGRAM



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SURVEY INFORMATION:

Sounded by Echo Sounder: CEESCOPE & CEE ECHO
Date of Survey: 22-23/07/2025
Navigation & Processing System: HYPACK 2024
Position & Tides by: HxGn SmartNet RTK GNSS
Fieldbook: 719 - 100

Jacinda Thorn
GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE
SWANSEA CHANNEL
July 2025 - POST DREDGE

Scale 1:1,000
at A0 sheet size

0 25 50
Metres

Previous Plan: 719 - 094 | 01 to 06

Date printed: 22/08/2025

719 - 100 | 02

SHEET 2 OF 6 SHEETS

GIS Hydro Job No: 2025-19

OFFICIAL

372,000

372,500

6,341,000

LAKE MACQUARIE

Elizabeth Island

(See Sheet 2)

(See Sheet 4)

Pelican Island

Spectacle Island

HYDROGRAPHIC SURVEY

LAKE MACQUARIE
SWANSEA CHANNEL
JULY 2025 - POST DREDGE

1:1,000
at A0 sheet size

0 25 50
Metres

DATUM:

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SURVEY INFORMATION:

Sounded by Echo Sounder:
CEESCOPE & CEE ECHO

Date of Survey:
22-23/07/2025

Navigation & Processing System:
HYPACK 2024

Position & Tides by:
HxGn SmartNet RTK GNSS

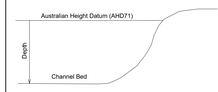
Fieldbook:
719 - 100

Prepared by: GIS SPECIALIST

Checked by: HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

DATUM DIAGRAM



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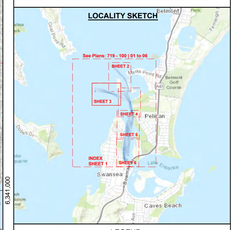
LOCALITY SKETCH



LEGEND

Depth

- 0.5 to 1 metres
- 1 to 1.5 metres
- 1.5 to 2 metres
- 2 to 2.5 metres
- 2.5 to 3 metres
- 3 to 3.5 metres
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- 9 to 9.5 metres
- 9.5 to 10 metres

Aid To Navigation

- Lit Port Buoy - No Top Mark
- Lit Special Mark - Pillar Buoy
- Lit Stbd Buoy - No Top Mark
- Lit West Cardinal - Can Buoy

NOTES:

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Aerial Image © Nearmap Date: 8th June 2025

Previous Plan: 719 - 094 | 01 to 06

Date printed: 22/08/2025

719 - 100 | 03

SHEET 3 OF 6 SHEETS

OFFICIAL

GIS Hydro Job No: 2025-19

373,000

6,341,000

6,340,500

(See Sheet 2)

(See Sheet 3)

(See Sheet 5)

Swan Bay

Naru Beach

Lake Macquarie Airport

Swansea Channel

Miners Point

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Aid To Navigation

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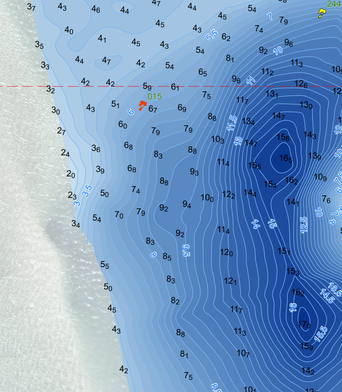
- Lit Special Mark - Pillar Buoy
- Lit Stbd Buoy - No Top Mark
- Lit stbd. beacon - no top mark

LOCALITY SKETCH



DATUM DIAGRAM

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Jacinda Zhao
GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE
SWANSEA CHANNEL
JULY 2025 - POST DREDGE

Scale 1:1,000
at A0 sheet size

0 25 50
Metres

Previous Plan: 719 - 094 | 01 to 06
Date printed: 22/08/2025

719 - 100 | 04

SHEET 4 OF 6 SHEETS

GIS Hydro Job No: 2025-19

OFFICIAL

373,000

6,340,000

6,339,500

Miners Point

Swansea Channel

(See Sheet 4)

PELICAN

Pelican Inlet

SWANSEA

LITTLE PELICAN

(See Sheet 6)

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LEGEND

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Aid To Navigation

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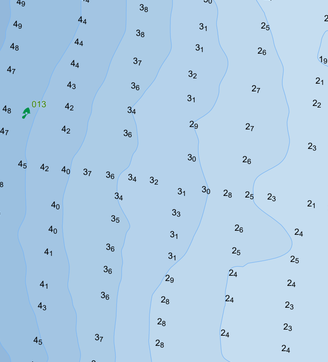
LOCALITY SKETCH



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Date of Survey:
22-23/07/2025

Navigation & Processing System:
HYPACK 2024

Position & Tides by:
HxGn SmartNet RTK GNSS

Fieldbook:
719 - 100

Jacinda Shaw
GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE
SWANSEA CHANNEL
JULY 2025 - POST DREDGE

Scale 1:1,000
at A0 sheet size

0 25 50
Metres

Previous Plan: 719 - 094 | 01 to 06

Date printed: 22/08/2025

719 - 100 | 05

SHEET 5 OF 6 SHEETS

GIS Hydro Job No: 2025-19

OFFICIAL

373,000

6,339,000

6,338,500

(See Sheet 5)

Channel

Swansea Channel

LITTLE PELICAN

SWANSEA

Swansea Bridge

Lake Entrance

NLM161

NLM208

NLM162

NLM210

NLM209

301

302

304

152

011

010

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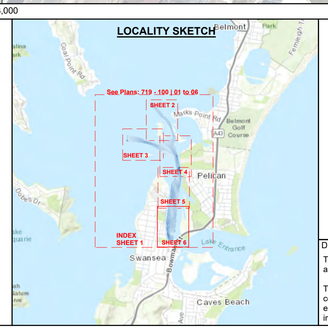
- Yellow light - beacon

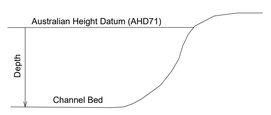
Public Mooring

- Pink Beehive Public Mooring

LOCALITY SKETCH



DATUM DIAGRAM



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GIS SPECIALIST

HYDROGRAPHIC SURVEYOR

SURVEY MANAGER

NSW GOVERNMENT

HYDROGRAPHIC SURVEY

LAKE MACQUARIE
SWANSEA CHANNEL
JULY 2025 - POST DREDGE

Scale 1:1,000
at A0 sheet size

0 25 50
Metres

Previous Plan: 719 - 094 | 01 to 06

Date printed: 22/08/2025

719 - 100 | 06

SHEET 6 OF 6 SHEETS

GIS Hydro Job No: 2025-19

OFFICIAL