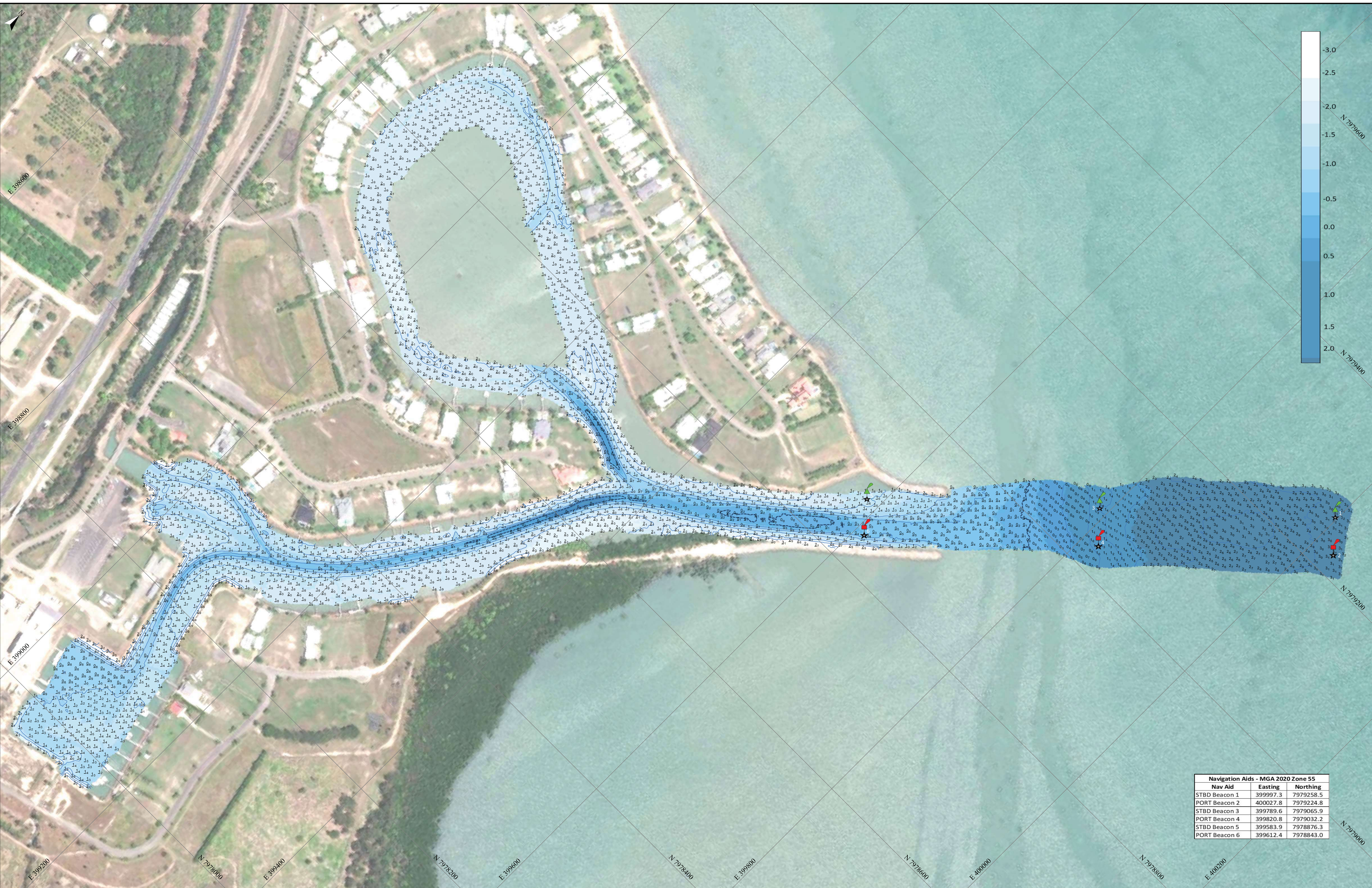




NOTES:

1. This data is correct at the time of survey only.
2. This survey meets the mandatory class requirements as outlined in MSQ document "Standards for Hydrographic Survey within Queensland Waters".
3. Hydrographic Survey Method Statement: NQ20240102.
4. Horizontal and vertical control for the survey was based on the integrated Septentrio AsteRx4 RTK GNSS survey and SBG Ekinox 3 MRU along with HxGN SmartNet RTK corrections.
5. Position and heading checks confirmed against Septentrio NR3 RTK GNSS during survey.
6. For further information refer to RoS NQ20240118.
7. Aerial Image: ESRI World Imagery.

Horizontal Datum: MGA2020 Zone 55
Base station: HxGN SmartNet Service (iMax Solution)
Vertical Datum: LAT

Tidal notes
Soundings reduced to datum using RTK GNSS with HxGN SmartNet corrections using Ellipsoid/LAT separation value of -57.942m

Tolerance
Depth: 0.2m | Horizontal: 0.5m | Weather: 10-15 knots Easterly

Vessel	SandPiper
Echo Sounder	Edgetech 6205s2
Motion Reference Unit	SBG Ekinox 3
Horizontal Positioning	SBG Ekinox 3 HxGN SmartNet
Data Collection/ Processing	QPS Qinsy 9.5 / Qimera 2.5
Tidal Reference Station	TS 035012A

SOUNDINGS(m)
1.0 Above datum
1.0 Below datum

LEGEND
--- Drying Line
~ Contours

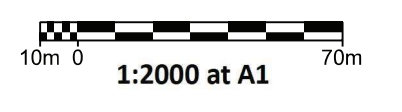
Hydrographic Surveyor	T ANDERBERG
Surveyor	L SCHMIDT
Checked	T ANDERBERG
Client	Cassowary Coast Regional Council

Survey Control - MGA 2020 Zone 55				
Survey Mark	Easting	Northing	LAT	Comment
PSM10019	397459.311	7979918.520	7.514	HU:0.016 VU: Class A 1st Order
PSM76290	397384.073	7979837.521	8.513	HU:0.150 VU: Class D 4th Order

Navigation Aids - MGA 2020 Zone 55		
Nav Aid	Easting	Northing
STBD Beacon 1	399997.3	7979258.5
PORT Beacon 2	400027.8	797924.8
STBD Beacon 3	399789.6	7979065.9
PORT Beacon 4	399820.8	7979032.2
STBD Beacon 5	399583.9	7978876.3
PORT Beacon 6	399612.4	7978843.0



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CLASS	Plan No.
C	SM-1028
PORT HINCHINBROOK Pre-Dredge Hydrographic Survey	
12 January 2024	