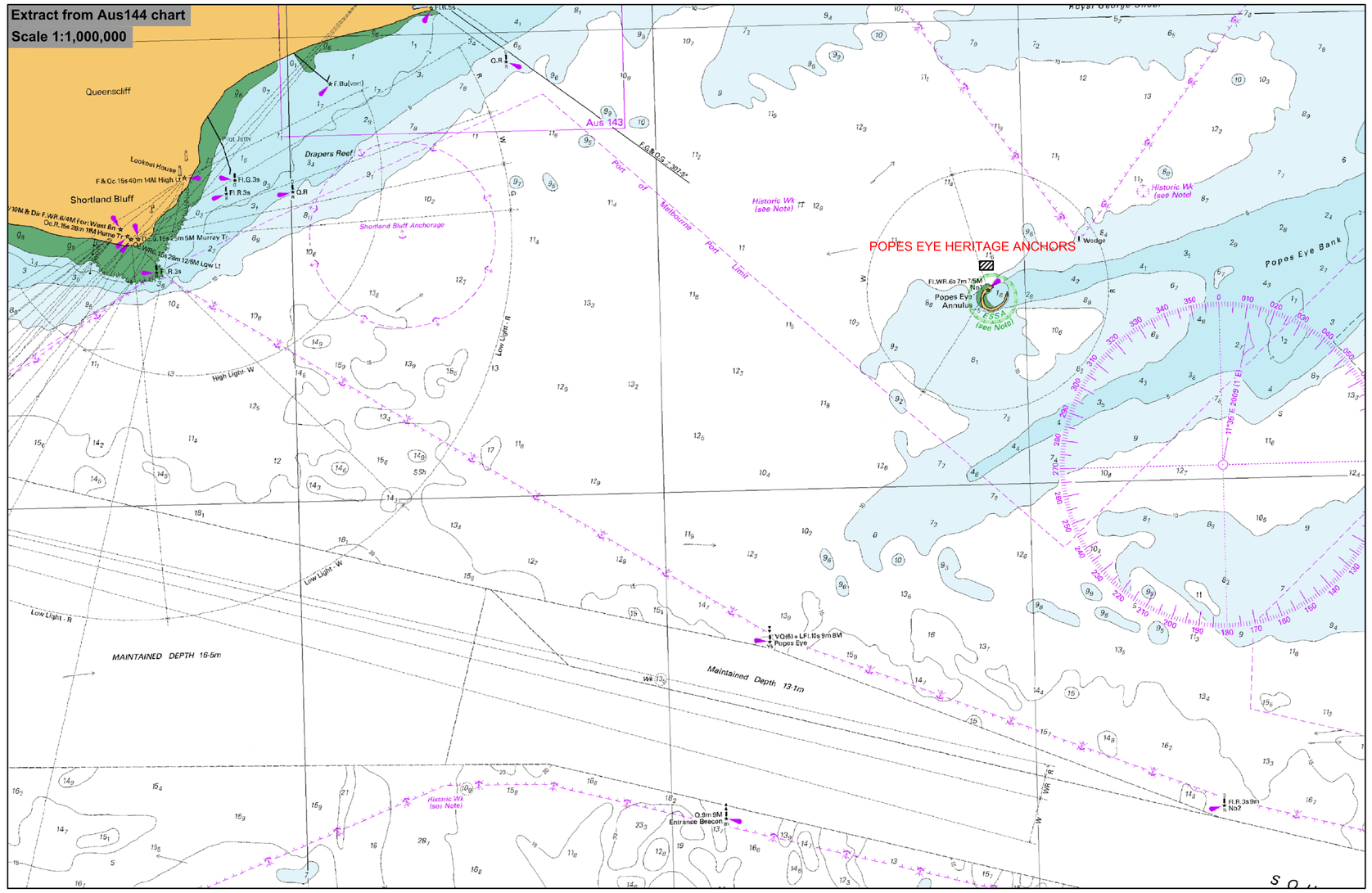

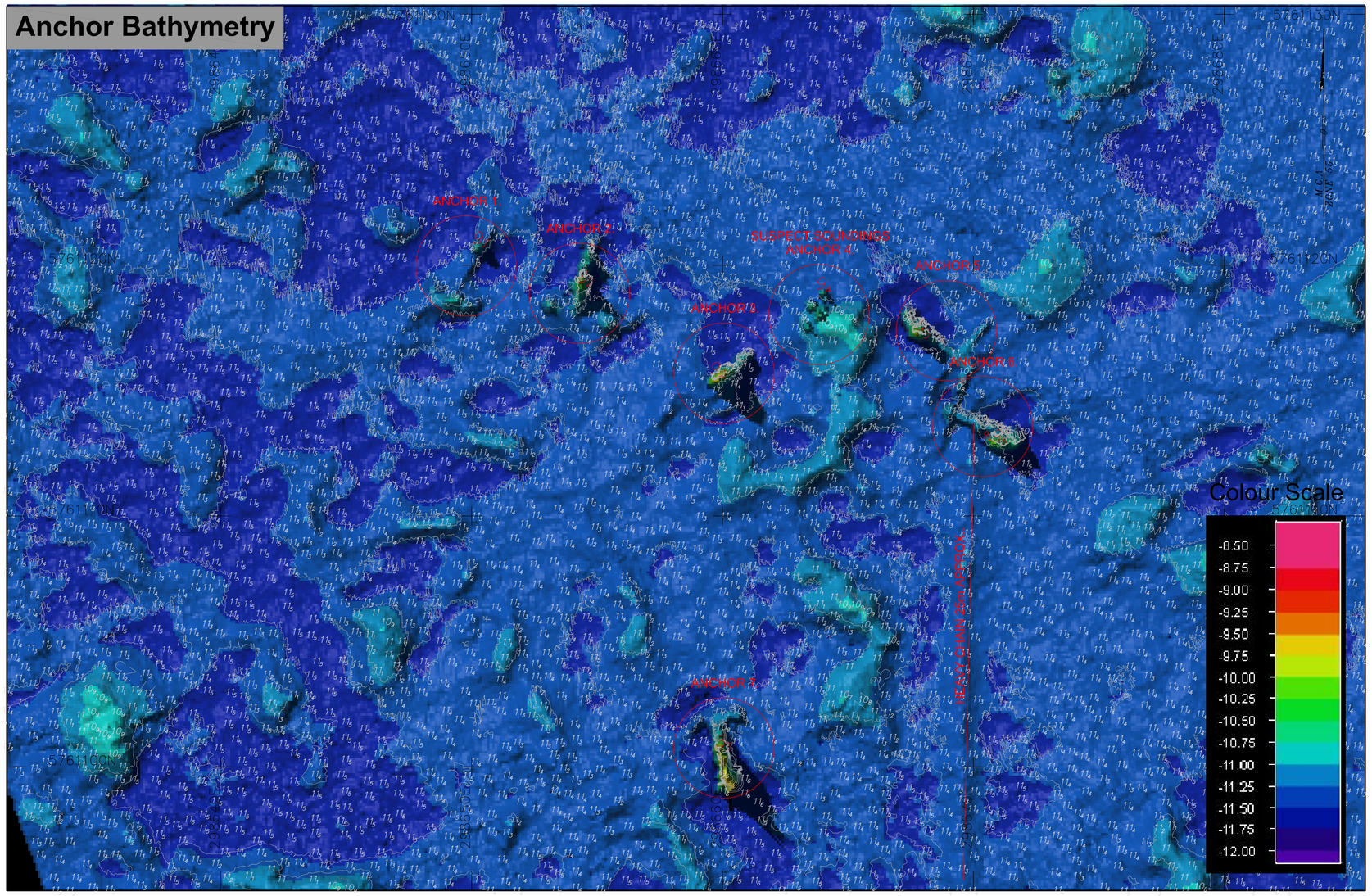

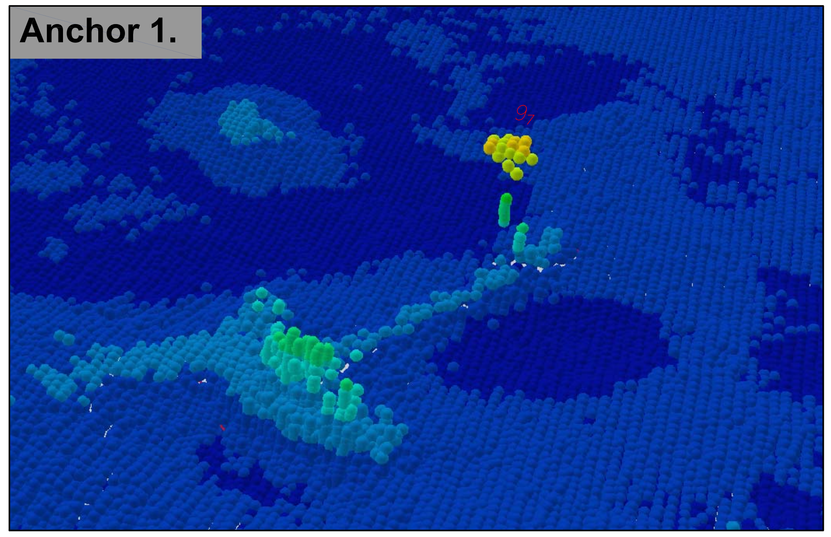

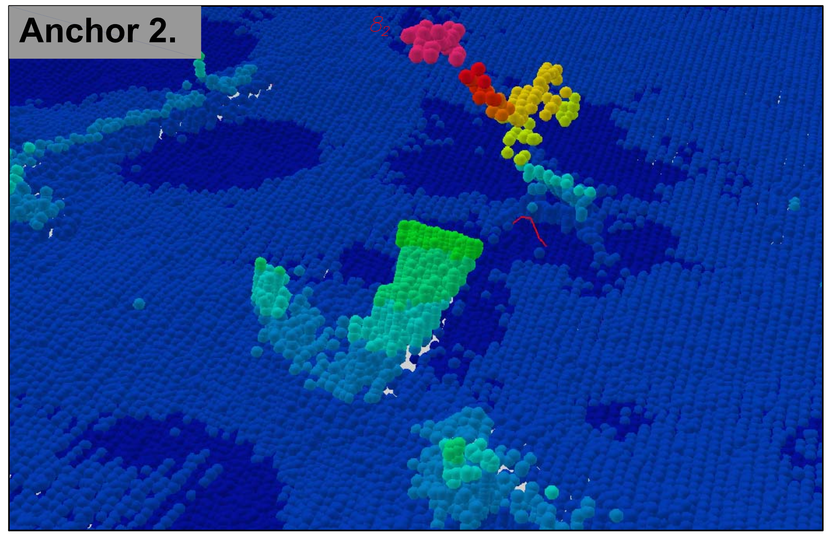

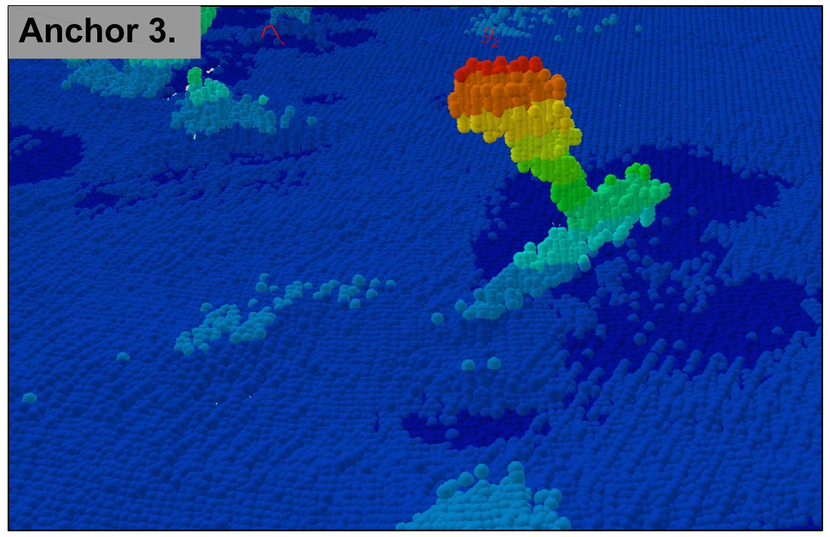

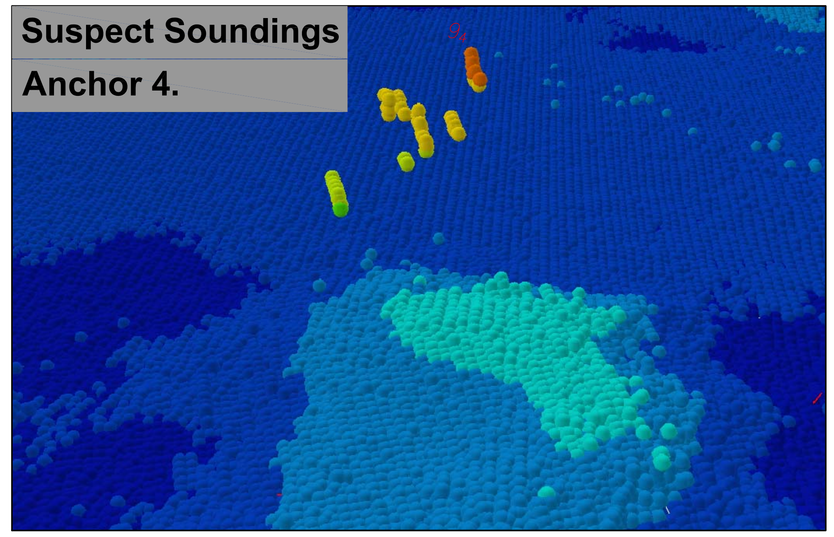

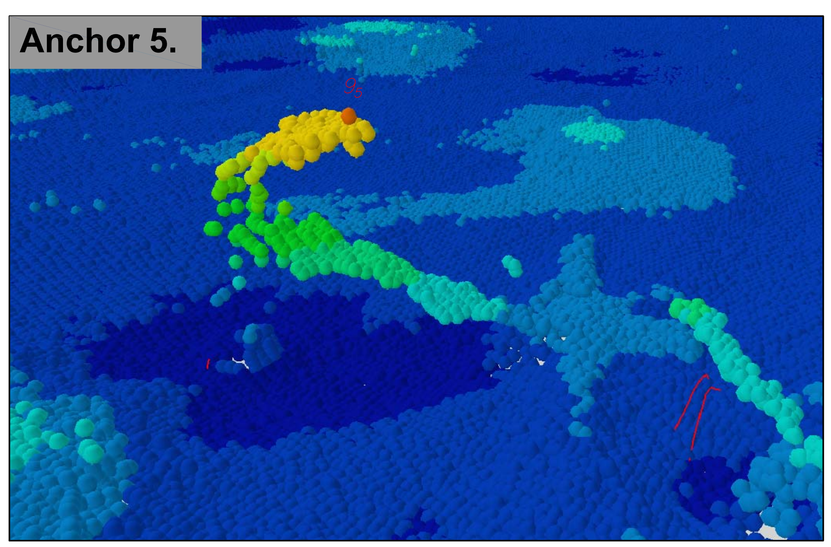

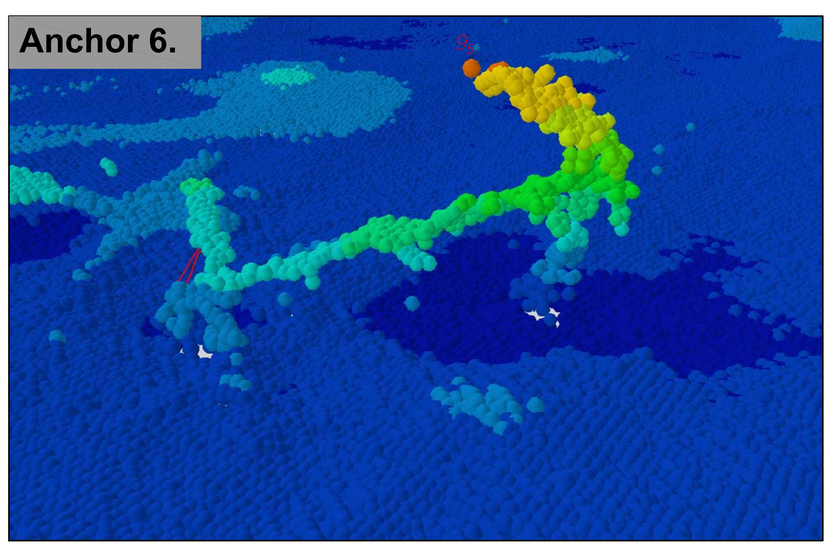

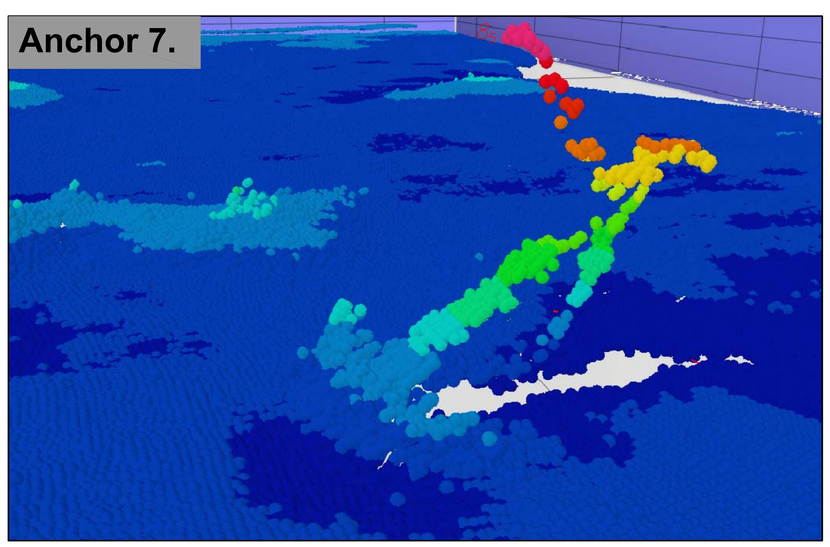

ANCHOR LEAST DEPTH POSITIONS.

LOCATION	MGA (GDA 94) CO-ORDINATES		W.G.S 84 CO-ORDINATES		MIN. WATER DEPTH (m)
	EASTING	NORTHING	LATITUDE	LONGITUDE	
ANCHOR 1.	298650.4	5761121.0	38°16.5245' S	144°41.8898' E	9.7
ANCHOR 2.	298654.6	5761119.4	38°16.5254' S	144°41.8927' E	8.2
ANCHOR 3.	298659.7	5761115.7	38°16.5774' S	144°41.8961' E	9.2
ANCHOR 4.	298664.1	5761119.1	38°16.5257' S	144°41.8992' E	9.4
ANCHOR 5.	298668.0	5761117.4	38°16.5266' S	144°41.9018' E	9.5
ANCHOR 6.	298671.1	5761113.1	38°16.5290' S	144°41.9039' E	9.5
ANCHOR 7.	298659.8	5761100.9	38°16.5354' S	144°41.8959' E	8.5

PoMC MBES Post Processing Steps:

QINCY PROCESSING

1. Mean depth data exported to Terramodel from a 0.1m bin

TERRAMODEL PROCESSING

1. Depth weeding used with overwrite circle of 0.5m radius.

SURVEY VESSEL
NORGATE

DEPTH SOUNDING SYSTEM
Echo Sounder: Reson 7125
Transducer: 400khz
Motion Reference: POS/MV

POSITIONING SYSTEM
DGPS Mobile: Aquarius/POS-MV
DGPS Base Station: Fort West
Tide Guage: RTK

LOCALITY PLAN

PLAN No.	PREVIOUS PLAN TITLE	DATE

- Datum for Soundings is Queenscliff Chart Datum which is 0.625 metres below Australian Height Datum.
- Co-ordinate system is the MGA (GDA 94), Zone 55, Central Meridian 147 degrees East.
- All values are in Metres.

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SCALE 1:100 (BEFORE REDUCTION)
5 4 3 2 1 0 5 10
SCALE OF METRES

Port of Melbourne Corporation
Level 4, 530 Collins Street
Melbourne, VIC 3000

SURVEY MANAGER	SURVEYED: A. Ternes 12th Feb 2013
PROCESSED: A. Ternes	DRAWN: A.Ternes 18/03/2013
CHECKED	JOB TRACK FILE No.: ****

PORT OF MELBOURNE
POPES EYE RE-LOCATED HERITAGE ANCHORS
BATHYMETRIC SURVEY

SHEET No.	SHEET SIZE	SCALE	PLAN No.	AMENDMENT
	A0	1:100	36133	