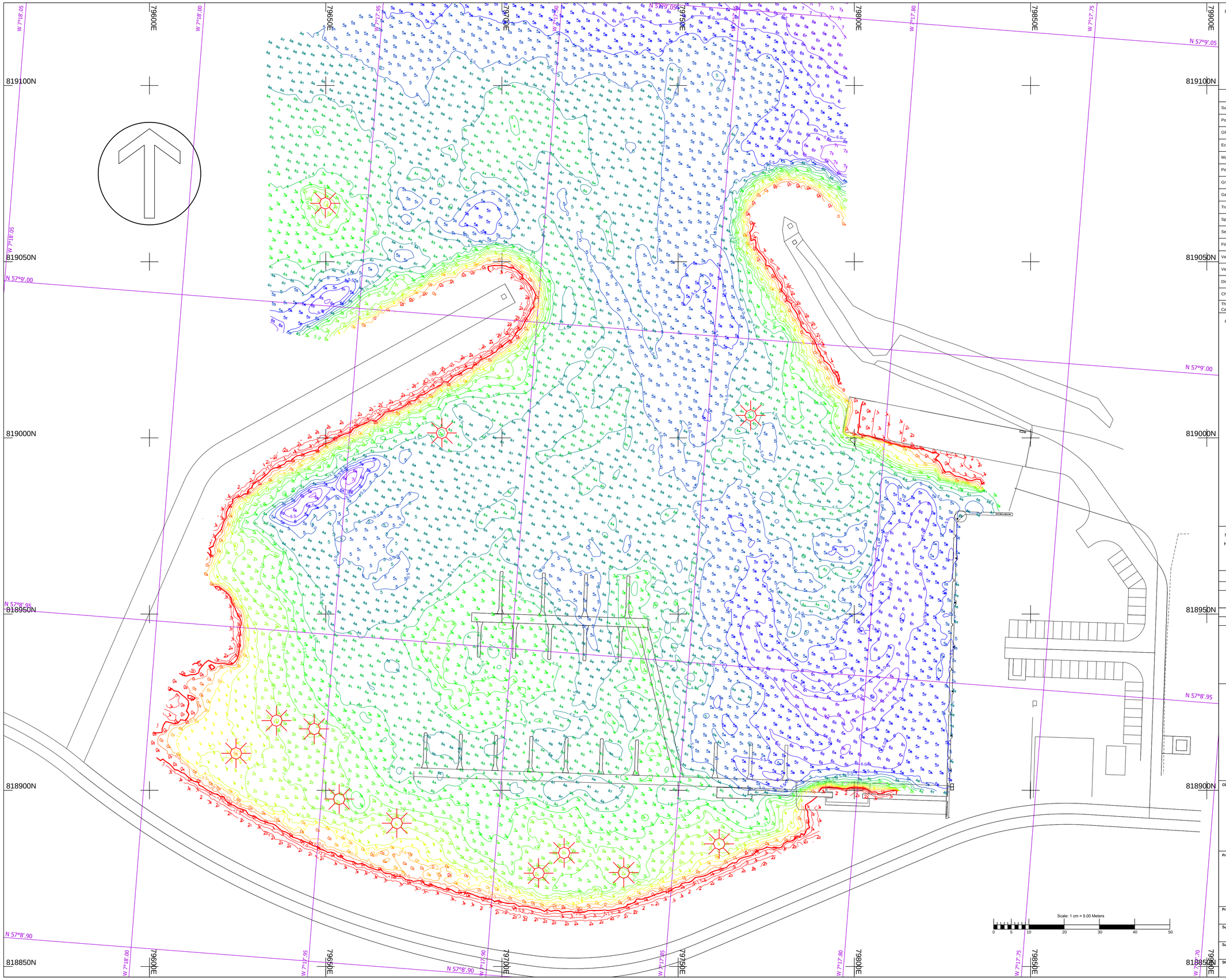

Legend

12_2 Depths relative to CHART DATUM.

Sea-bed contour relative to CHART DATUM.

Mean Low Water Springs

Seabed Object/High Spot

Survey Parameters & Equipment	
Survey Vessel:	Coastal Sensor II (MCA Cat III)
Positioning System:	Trimble Applanix POS MV
GPS Correction Source:	Radio Corrections from Base Station
Echosounder:	R2Sonic 2022 Multibeam System 400kHz
Motion Compensator:	Trimble Applanix POS MV
Positioning System Spheroid & Datum:	ETRS89
Grid System:	National Grid of Great Britain
Geoid Model:	OSGM15
Transformation Paramaters:	OSGM15
Spheroid:	Airy
Semi Major Axis:	6377563.396
Flattening (1/f):	299.324964600
Vertical Datum (Topographic):	Ordnance Datum
Vertical Datum (Hydrographic):	Chart Datum
Distance Unit:	Metre
Chart Datum is 2.32m below Ordnance Datum.	

The datum was established using corrected OS Rinex data and post-processed using Trimble Business Centre Software.

Coloured Depth Bands:

- < 0.00
- 0.00 - 0.49
- 0.50 - 0.99
- 1.00 - 1.49
- 1.50 - 1.99
- 2.00 - 2.49
- 2.50 - 2.99
- 3.00 - 3.49
- 3.50 - 3.99
- 4.00 - 4.49
- 4.50 - 4.99
- 5.00 - 5.49
- 5.50 - 5.99
- 6.00 - 6.49
- 6.50 - 6.99
- 7.00 - 7.49
- 7.50 - 7.99
- >= 8.00

Notes:

Horizontal and vertical datums were referenced to control stations on site.

Heights in metres above Chart Datum (Lochboisdale)

MHWS	MHWN	MLWN	MLWS
4.1	3.0	1.7	0.5

CONTROL STATION COORDINATES (CD)

STN	EASTING	NORTHING	LEVEL
Base	79919.112	818979.434	13.331

Aspect
Land + Hydrographic Surveys
CHARTERED SURVEYORS
Thornhouse Business Centre
Ballot Road
Irvine
KA12 0HW
Tel : 01294 313399 Fax : 01294 313389
E-mail: mail@aspectsurveys.com
Web: www.aspectsurveys.com

Client :

LOCHBOISDALE DEVELOPMENT LTD
LOCHBOISDALE HARBOUR
LOCHBOISDALE
SOUTH UIST
HS8 5TH

Project Title :

MULTIBEAM BATHYMETRIC SURVEY
LOCHBOISDALE HARBOUR
SOUTH UIST

Project No:	Scale :
A7479	1:500
Surveyed date : 20th October 2020	Issued date : 12th November 2020
Surveyed by : KAK	Checked by: CKS
Sheet No. : 1 of 1	Plot Scale: 1:1 @ A1