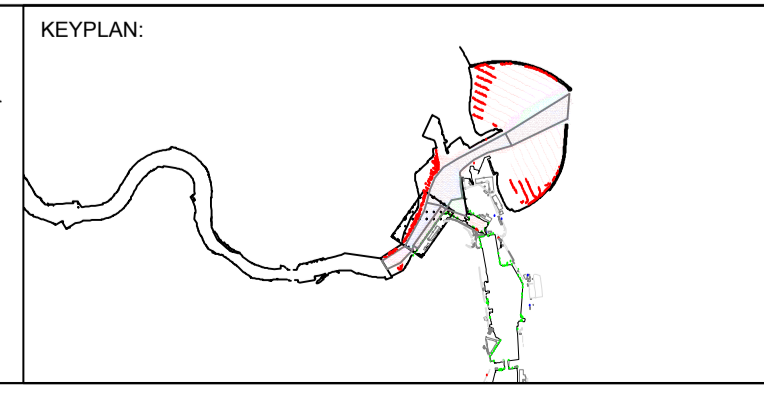


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SCALE 1:500
(When plotted at A1)



SURVEY VESSEL:
UKD Resolution

EQUIPMENT:
Single Beam Echosounder - Navisound 215 with D/F Transducer
Positioning - Trimble SP5750
Sound Velocity - Valeport Swift

TIDAL REDUCTION:
RTK derived from Trimble VRS Now

DATUM FOR SOUNDINGS:
Soundings are relative to Admiralty Chart Datum (A.C.D.).
A.C.D. is 2.72 metres below O. D. Newlyn.

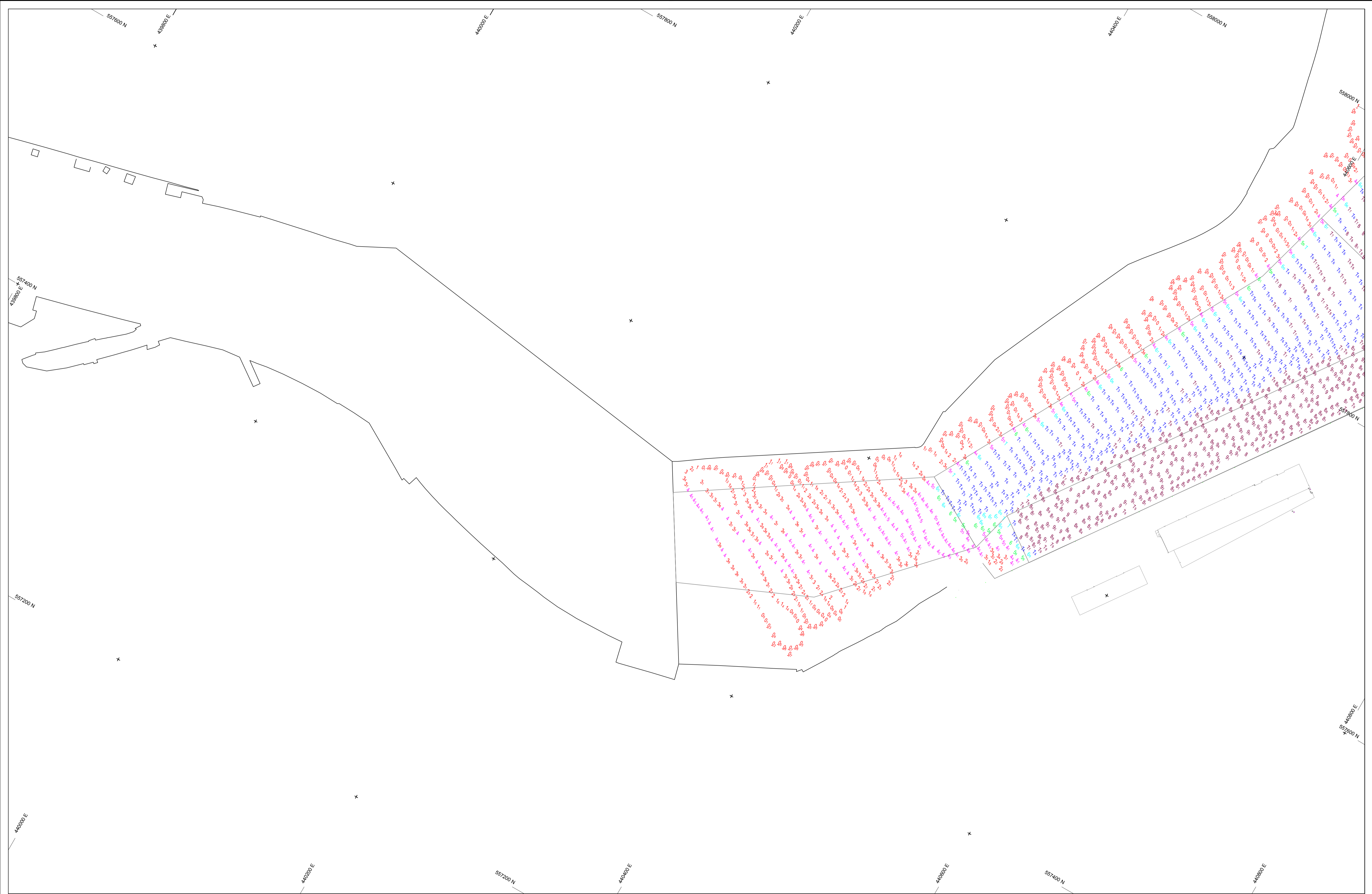
Negative numbers indicate heights above datum.
Positive numbers indicate depths below datum.

Grid co-ordinates are in OSGB36.
Geographic co-ordinates are in WGS84.

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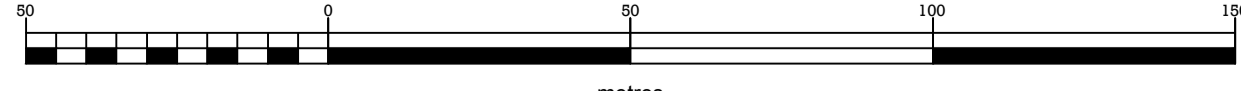
<h1>CORPORATION QUAY</h1>			
SURVEYED:	SJ & SD	16 - 31/10/18	Post Dredge
DRAWN:	SJ	09/11/18	PRO460/CQ/062
CHECKED:			



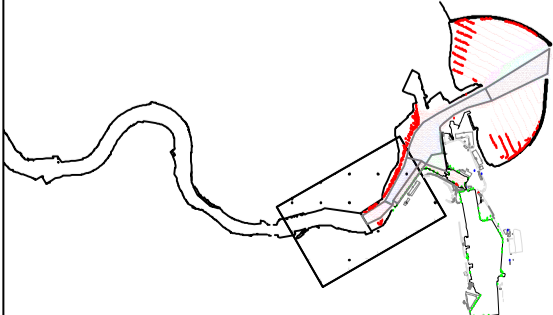
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SCALE 1:1250
(When plotted at A1)



KEYPLAN:



SURVEY VESSEL:
UKD Resolution

EQUIPMENT:
Single Beam Echosounder - Navisound 215 with D/F Transducer
Positioning - Trimble SPS750
Sound Velocity - Valeport Swift

TIDAL REDUCTION:
RTK derived from Trimble VRS Now

DATUM FOR SOUNDINGS:
Soundings are relative to Admiralty Chart Datum (A.C.D.).
A.C.D. is 2.72 metres below O. D. Newlyn.

Negative numbers indicate heights above datum.
Positive numbers indicate depths below datum.

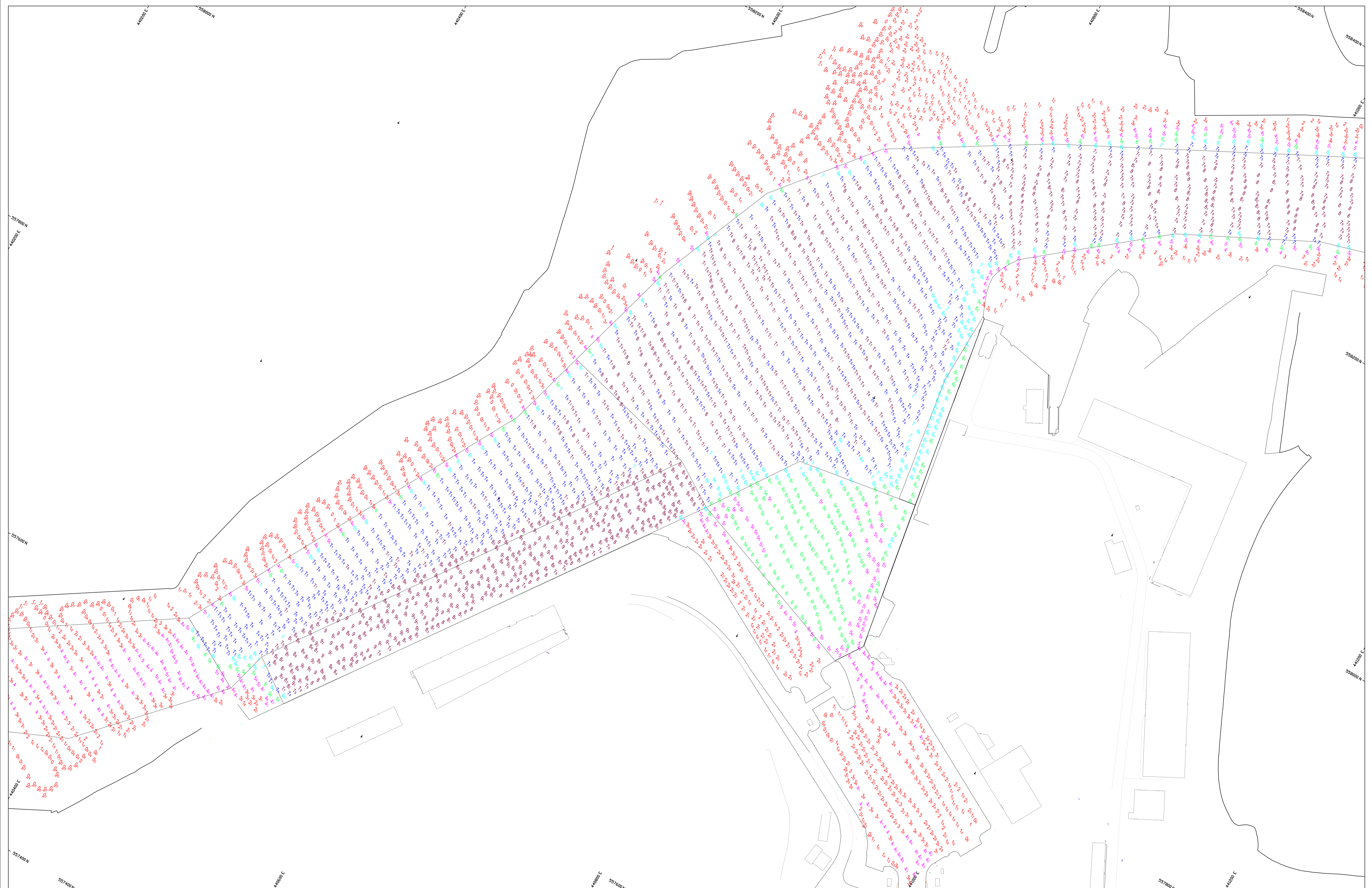
Grid co-ordinates are in OSGB36.
Geographic co-ordinates are in WGS84.

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SUNDERLAND RIVER WEAR

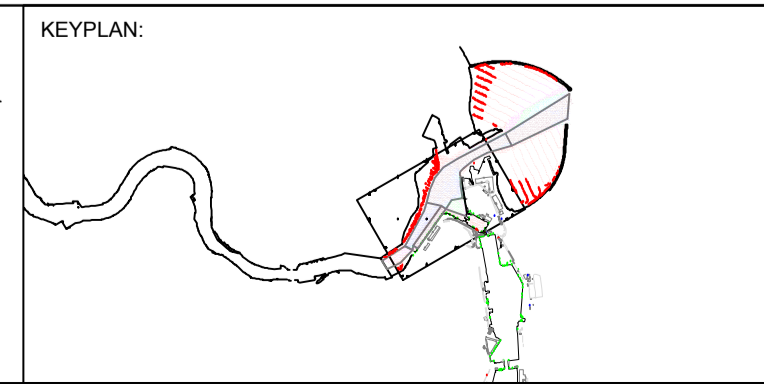
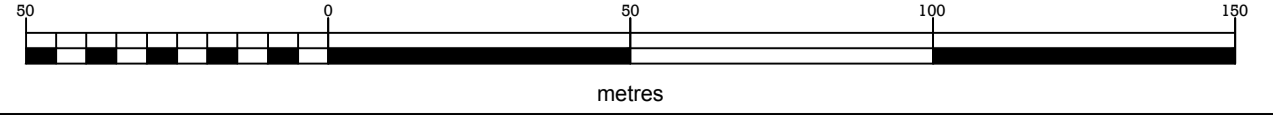
SURVEYED:	SJ	24/10/18	Post Dredge
	SD	30/10/18	
DRAWN:	SJ	09/11/18	PRO460/RW/012
CHECKED:			



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SCALE 1:1250
(When plotted at A1)



SURVEY VESSEL:
UKD Resolution

EQUIPMENT:
Single Beam Echosounder - Navisound 215 with DF Transducer
Positioning - Trimble SP5750
Sound Velocity - Valeport Swift

TIDAL REDUCTION:
RTK derived from Trimble VRS Now

DATUM FOR SOUNDINGS:
Soundings are relative to Admiralty Chart Datum (A.C.D.).
A.C.D. is 2.72 metres below O. D. Newlyn.

Negative numbers indicate heights above datum.
Positive numbers indicate depths below datum.

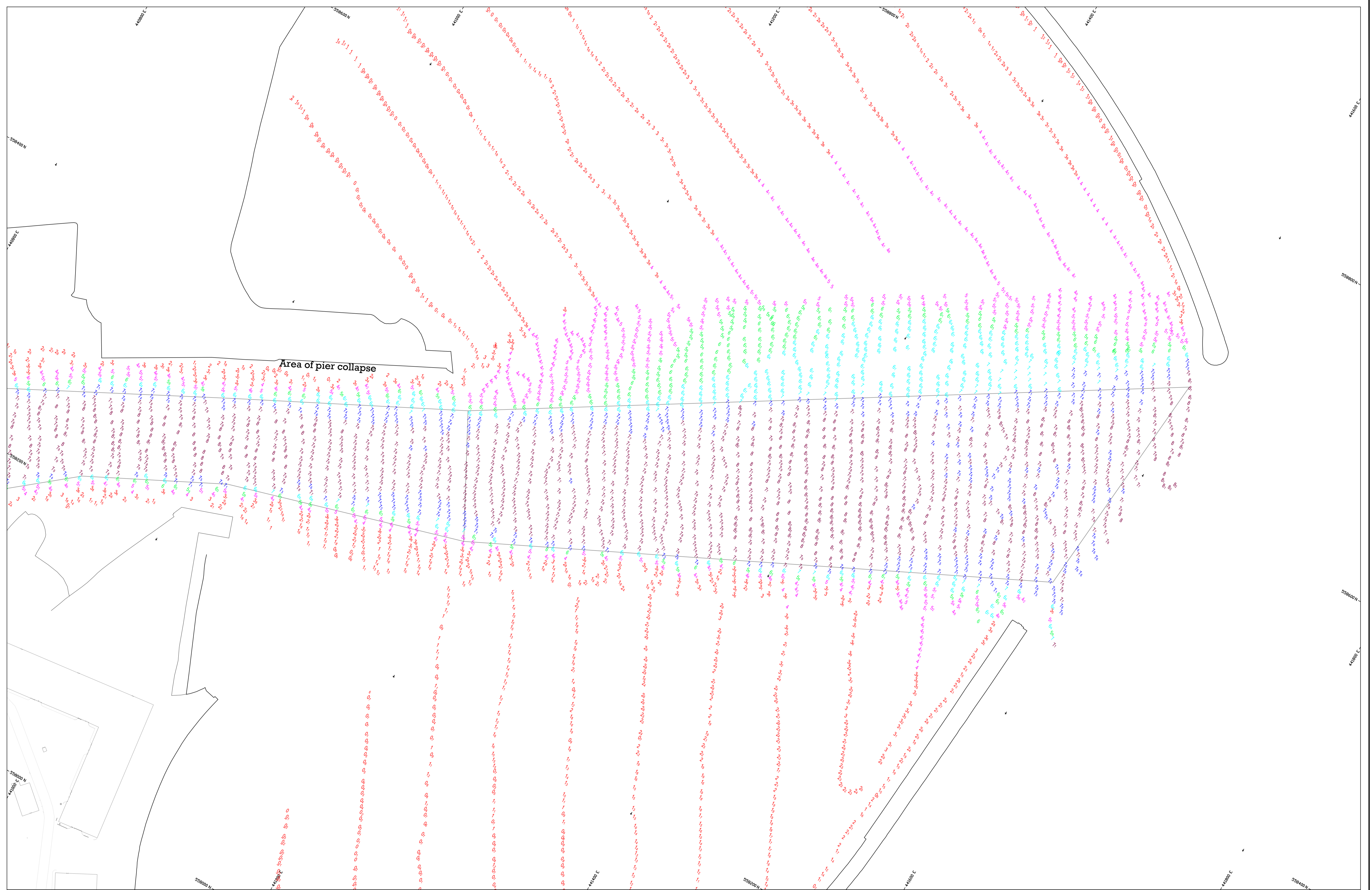
Grid co-ordinates are in OSGB36.
Geographic co-ordinates are in WGS84.

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SUNDERLAND INNER HARBOUR

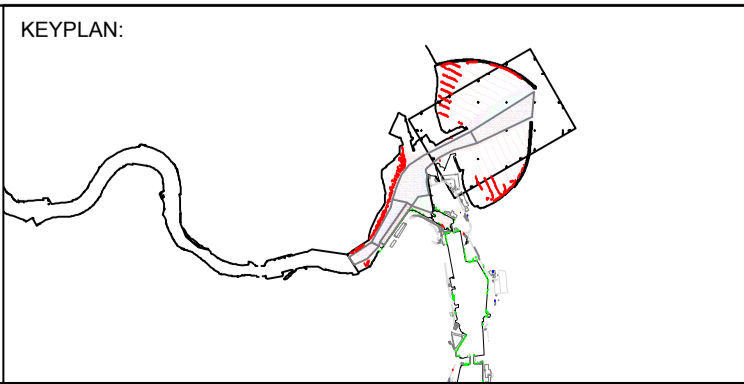
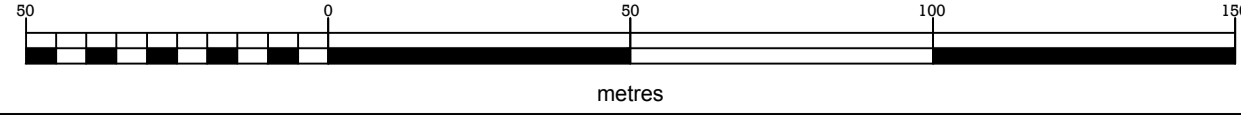
SURVEYED:	SJ	24/10/18	Post Dredge
	SD	30/10/18	
DRAWN:	SJ	09/11/18	PRO460/IH/73
CHECKED:			



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SCALE 1:1250
(When plotted at A1)



SURVEY VESSEL:
UKD Resolution

EQUIPMENT:
Single Beam Echosounder - Navisound 215 with DF Transducer
Positioning - Trimble SP750
Sound Velocity - Valeport Swift

TIDAL REDUCTION:
RTK corrections derived from Trimble VRS Now Network

DATUM FOR SOUNDINGS:
Soundings are relative to Admiralty Chart Datum (A.C.D.).
A.C.D. is 2.72 metres below O. D. Newlyn.

Negative numbers indicate heights above datum.
Positive numbers indicate depths below datum.

Grid co-ordinates are in OSGB36.
Geographic co-ordinates are in WGS84.

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SUNDERLAND OUTER HARBOUR

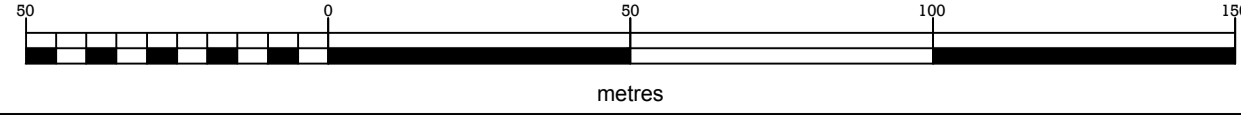
SURVEYED:	SJ & SD	16 - 31/10/18	Post Dredge
DRAWN:	SJ	09/11/18	
CHECKED:			PRO460/OH/073a



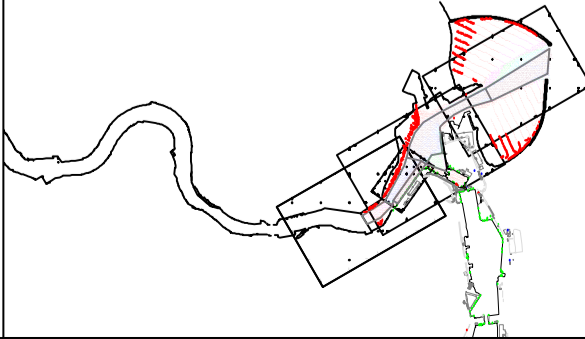
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SCALE 1:1250
(When plotted at A1)



KEYPLAN:



SURVEY VESSEL:
UKD Resolution

EQUIPMENT:
Single Beam Echosounder - Navisound 215 with DF Transducer
Positioning - Trimble SPS750
Sound Velocity - Valeport Swift

TIDAL REDUCTION:
RTK derived from Trimble VRS Now

DATUM FOR SOUNDINGS:

Soundings are relative to Admiralty Chart Datum (A.C.D.).
A.C.D. is 2.72 metres below O. D. Newlyn.

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SUNDERLAND DOCKS

SURVEYED:	04/04/18	Post Dredge
DRAWN:	09/04/18	
ASSESSED:		PRO460/SD/002