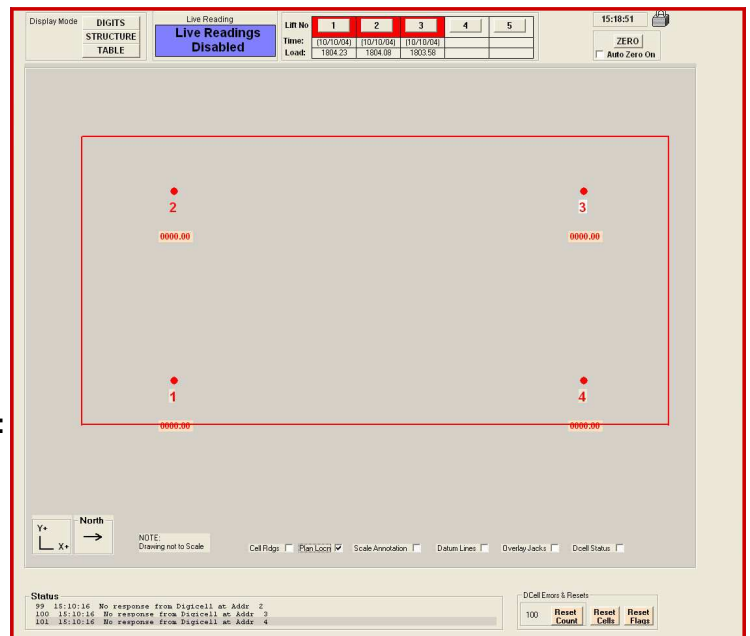
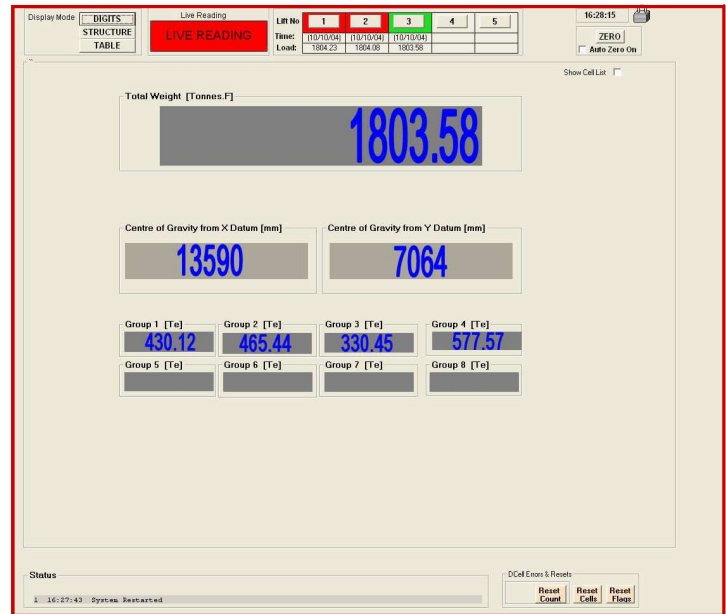


EQUIPMENT DATA SHEET - DIGICELL WEIGHING SYSTEM

- The Digicell Weighing System uses a distributed multi-drop network of Load Cells typically used in ALE's fleet of high capacity Hydraulic Weighing Jacks.
- Up to 32 Digicell equipped Load Cells can be connected together in a daisy chain network via a Digicell interface unit.
- A maximum cable run of 500m from Cell to Cell or operator is supported with full battery back-up.
- The Laptop or PC interface provides real-time live feedback of individual or group loads, total weight and Centre of Gravity shown on the screen during the weighing.
- Calibration information is stored in each individual 'Intelligent' Digicell.
- Generic Laptop PC software allows contingency and back up system replacement to be setup without the need for the manufacture of specialist equipment.
- Client can receive an on site print out or electronic copy of weight report on completion of the last lift.

The ALE Digicell Weighing System comprises:

- Laptop computer.
- Mains / Battery powered Digicell interface box.
- Digicell equipped load cells.
- In-house designed Digicell weighing software.



For reference only

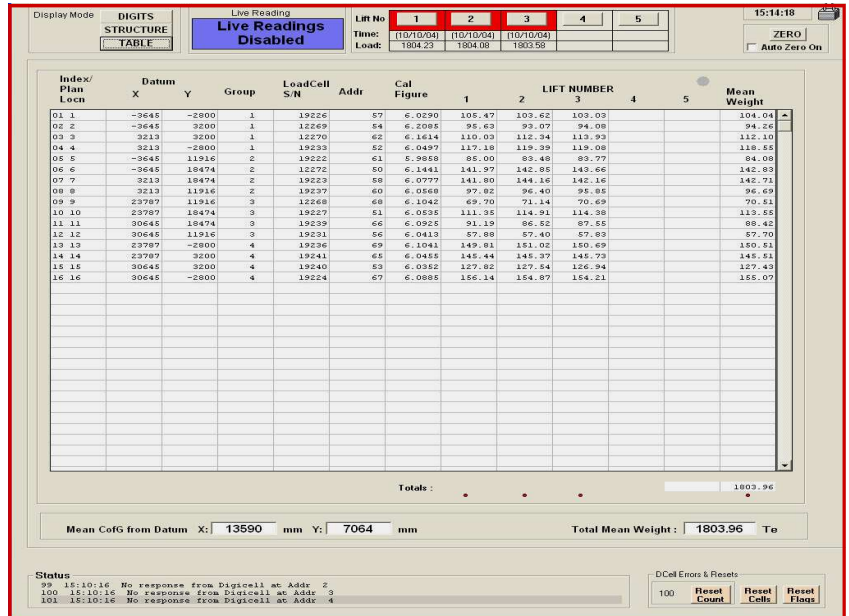


EQUIPMENT DATA SHEET - DIGICELL WEIGHING SYSTEM

ALE can set up the weigh system software prior to arrival on site, minimising the set up period of the monitoring system on site.

Lift point co-ordinates obtained from the client are entered into the system.

The bespoke software / PC interrogates the individual Digicell in the installed 'circuit' to retrieve the calibration details (calibration date, load cell serial number, calibration figure, Weightor Jack serial number).



Index/ Plan Locn	Datum X	Y	Group	Load Cell S/N	Addr	Cal Figure	1	2	LIFT NUMBER 3	4	5	Mean Weight
01 1	-9645	-2000	1	19226	57	6.0290	105.47	103.62	103.03			104.04
02 2	-9645	3200	1	12269	54	6.2205	95.63	93.07	94.08			94.26
03 3	3213	3200	1	12270	62	6.1614	110.03	112.34	113.93			112.10
04 4	3213	-2800	1	19233	52	6.0497	117.18	119.39	119.08			118.55
05 5	-9645	11916	2	19222	61	5.9858	85.00	83.48	83.77			84.08
06 6	-9645	18474	2	12272	50	6.1441	141.97	142.85	143.66			142.83
07 7	3213	18474	2	19223	58	6.0777	141.80	144.16	142.16			142.71
08 8	3213	11916	2	19237	60	6.0568	97.82	96.40	95.95			96.69
09 9	23787	11916	3	12268	68	6.1042	69.70	71.14	70.69			70.51
10 10	23787	18474	3	19227	51	6.0535	111.35	114.91	114.38			113.55
11 11	30645	18474	3	19239	66	6.0325	91.19	86.52	87.55			88.42
12 12	30645	11916	3	19231	56	6.0413	57.88	57.40	57.83			57.70
13 13	23787	-2800	4	19236	69	6.1041	149.81	151.02	150.69			150.51
14 14	23787	3200	4	19241	65	6.0455	145.44	146.37	145.73			145.51
15 15	30645	3200	4	19240	53	6.0352	127.82	127.54	126.94			127.43
16 16	30645	-2800	4	19224	67	6.0885	156.14	154.87	154.21			155.07

Totals : 1803.96

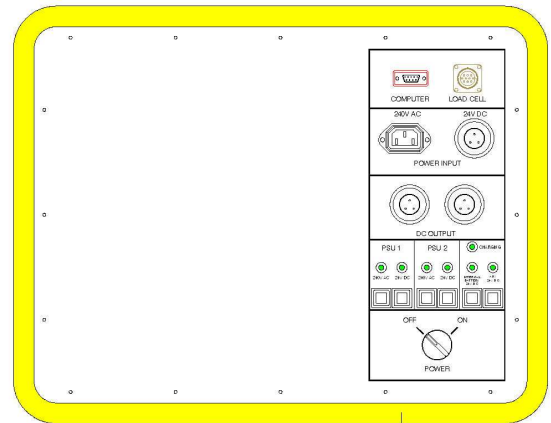
Mean CoG from Datum X: 13590 mm Y: 7064 mm Total Mean Weight : 1803.96 T

Status: 99 15:10:16 No response from Digicell at Addr 2
100 15:10:16 No response from Digicell at Addr 3
101 15:10:16 No response from Digicell at Addr 4

DCell Errors & Resets: 100 Reset Count Reset Cells Reset Flags

The monitoring system is typically positioned outside the perimeter of the module. The Laptop / PC is connected to a Digicell Interface Box using a standard USB/Comm cable. An armoured cable is connected to each Digicell in a daisy chain configuration.

After a system check and scan, the Digicell addresses are copied into the correct location into the weighing database file and the system is ready to commence the weighing.



Weighing results are saved on the PC and printed in a PDF format, or to a portable printer for client issue.

For reference only