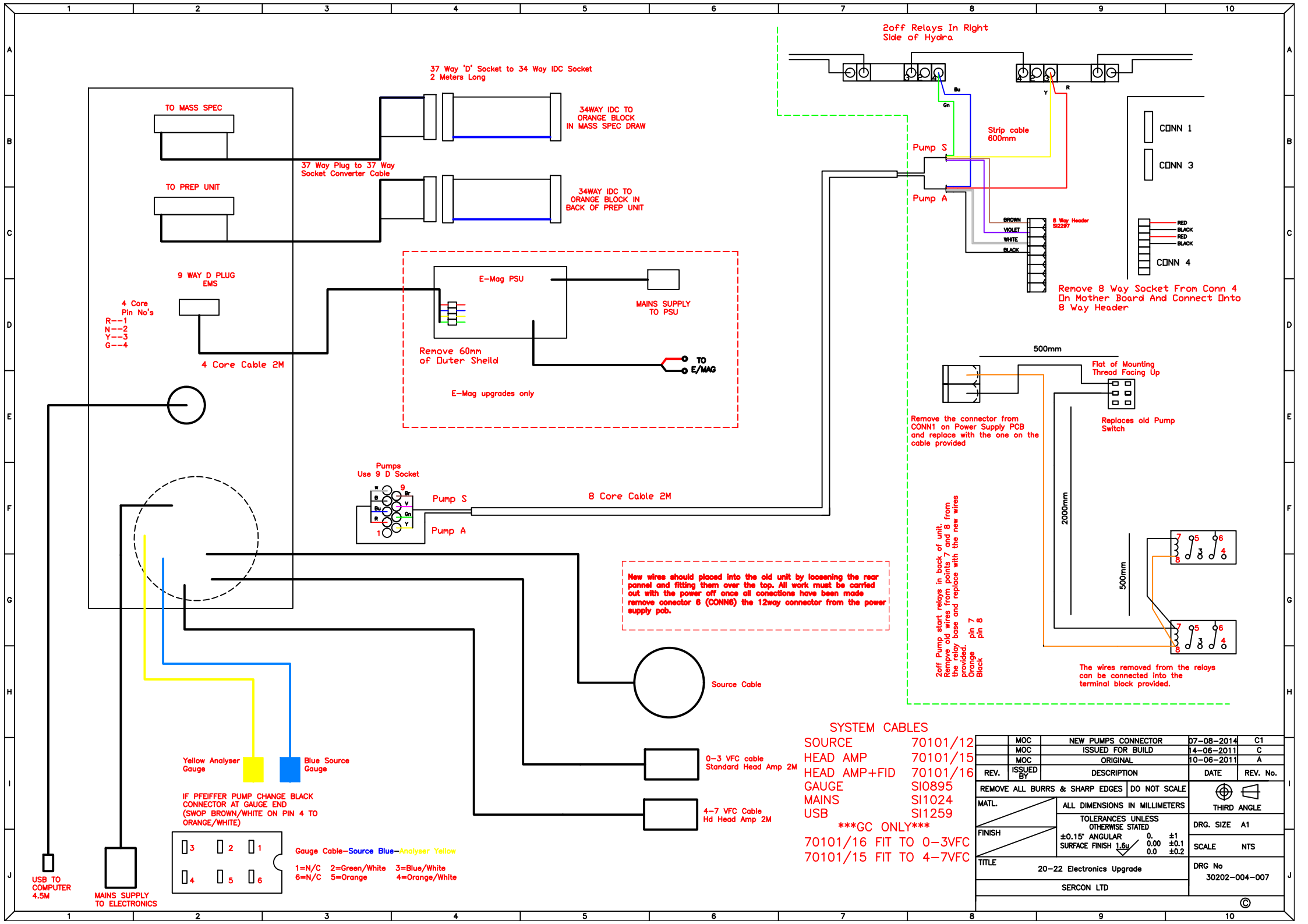

2off Relays In Right Side of Hydra
37 Way 'D' Socket to 34 Way IDC Socket 2 Meters Long
TO MASS SPEC
34WAY IDC TO ORANGE BLOCK IN MASS SPEC DRAW
37 Way Plug to 37 Way Socket Converter Cable
TO PREP UNIT
34WAY IDC TO ORANGE BLOCK IN BACK OF PREP UNIT
Strip cable 600mm
Pump S
Pump A
CONN 1
CONN 3
CONN 4
BROWN
VIOLET
WHITE
BLACK
8 Way Header SIZ297
RED
BLACK
RED
BLACK
Remove 8 Way Socket From Conn 4 On Mother Board And Connect Onto 8 Way Header
9 WAY D PLUG EMS
4 Core Pin No's
R--1
N--2
Y--3
G--4
4 Core Cable 2M
E-Mag PSU
MAINS SUPPLY TO PSU
Remove 60mm of Outer Sheild
TO E/MAG
E-Mag upgrades only
500mm
Flat of Mounting Thread Facing Up
Remove the connector from CONN1 on Power Supply PCB and replace with the one on the cable provided
Replaces old Pump Switch
2000mm
500mm
Pumps Use 9 D Socket
Pump S
Pump A
8 Core Cable 2M
2off Pump start relays in back of unit. Remove old wires from points 7 and 8 from the relay base and replace with the new wires provided. pin 7 Orange pin 8 Black
The wires removed from the relays can be connected into the terminal block provided.
New wires should placed into the old unit by loosening the rear pannel and fitting them over the top. All work must be carried out with the power off once all conections have been made remove conector 6 (CONN6) the 12way connector from the power supply pcb.
Source Cable
Yellow Analyser Gauge
Blue Source Gauge
IF PFEIFFER PUMP CHANGE BLACK CONNECTOR AT GAUGE END (SWOP BROWN/WHITE ON PIN 4 TO ORANGE/WHITE)
0-3 VFC cable Standard Head Amp 2M
4-7 VFC Cable Hd Head Amp 2M
Gauge Cable-Source Blue-Analyser Yellow
1=N/C 2=Green/White 3=Blue/White
6=N/C 5=Orange 4=Orange/White
USB TO COMPUTER 4.5M
MAINS SUPPLY TO ELECTRONICS
SYSTEM CABLES
SOURCE 70101/12
HEAD AMP 70101/15
HEAD AMP+FID 70101/16
GAUGE SI0895
MAINS SI1024
USB SI1259
GC ONLY
70101/16 FIT TO 0-3VFC
70101/15 FIT TO 4-7VFC
MOC NEW PUMPS CONNECTOR 07-08-2014 C1
MOC ISSUED FOR BUILD 14-06-2011 C
MOC ORIGINAL 10-06-2011 A
REV. ISSUED BY DESCRIPTION DATE REV. No.
REMOVE ALL BURRS & SHARP EDGES DO NOT SCALE
MATL.
FINISH
ALL DIMENSIONS IN MILLIMETERS
TOLERANCES UNLESS OTHERWISE STATED
±0.15" ANGULAR 0. ±1 0.00 ±0.1 0.0 ±0.2
SURFACE FINISH 1.6u
THIRD ANGLE
DRG. SIZE A1
SCALE NTS
TITLE
20-22 Electronics Upgrade
SERCON LTD
DRG No 30202-004-007
©