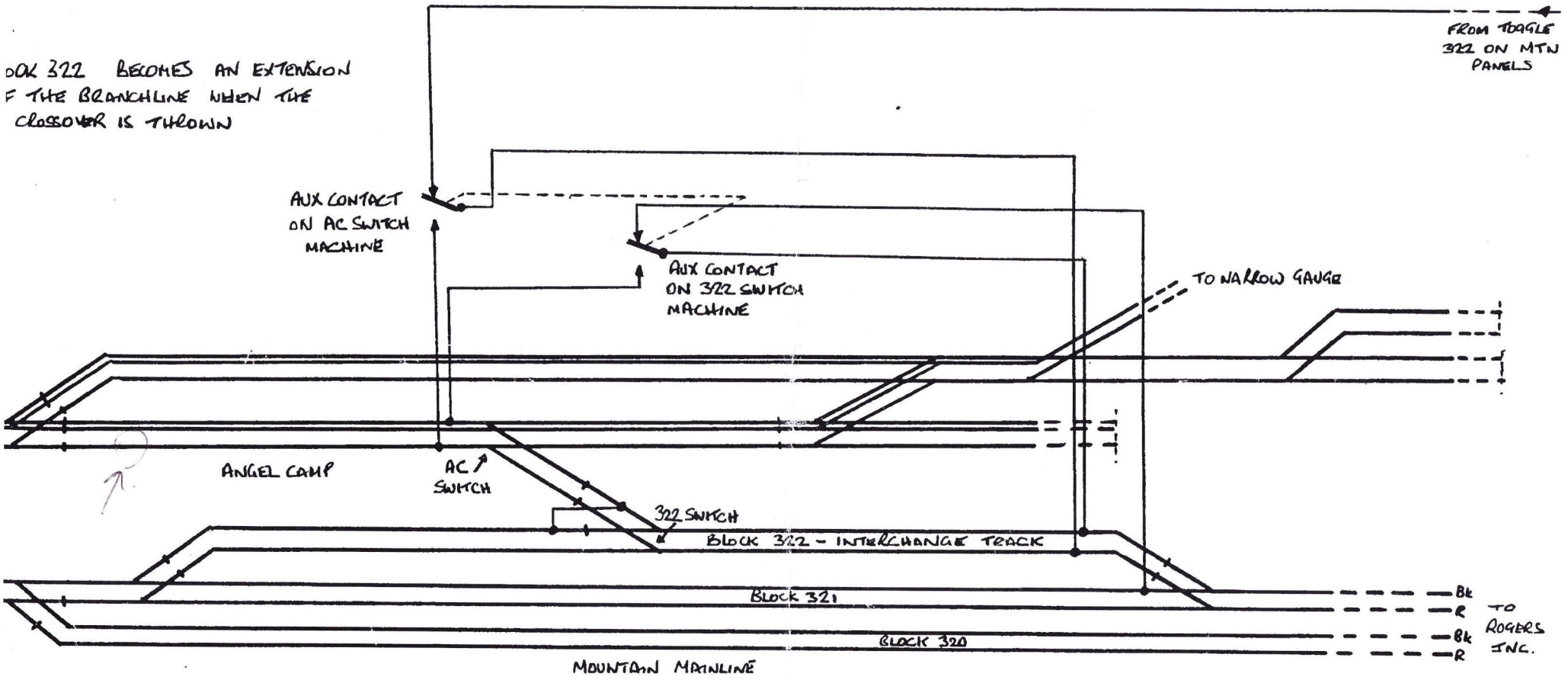
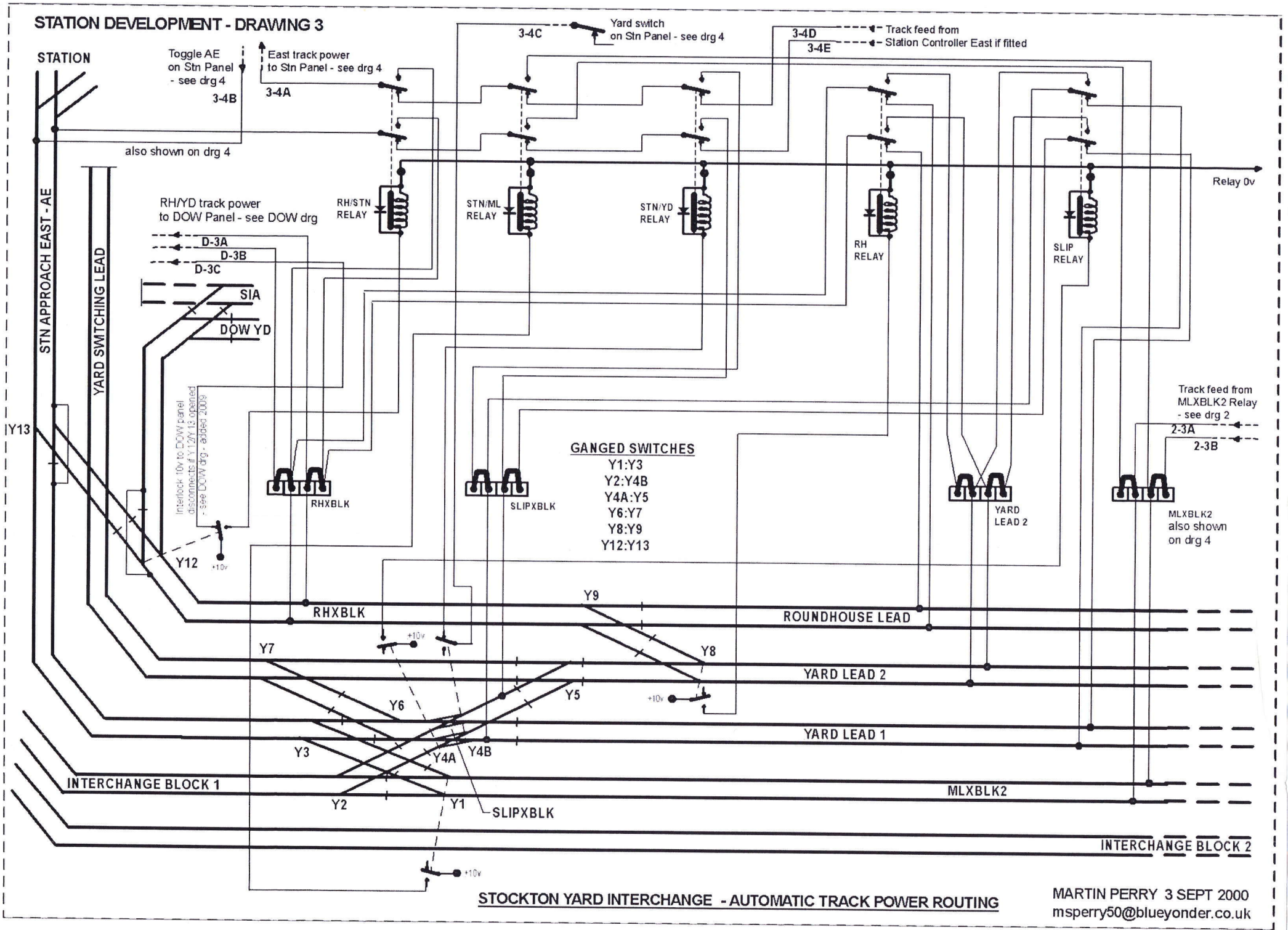
This is correct as of 6/12 GWW

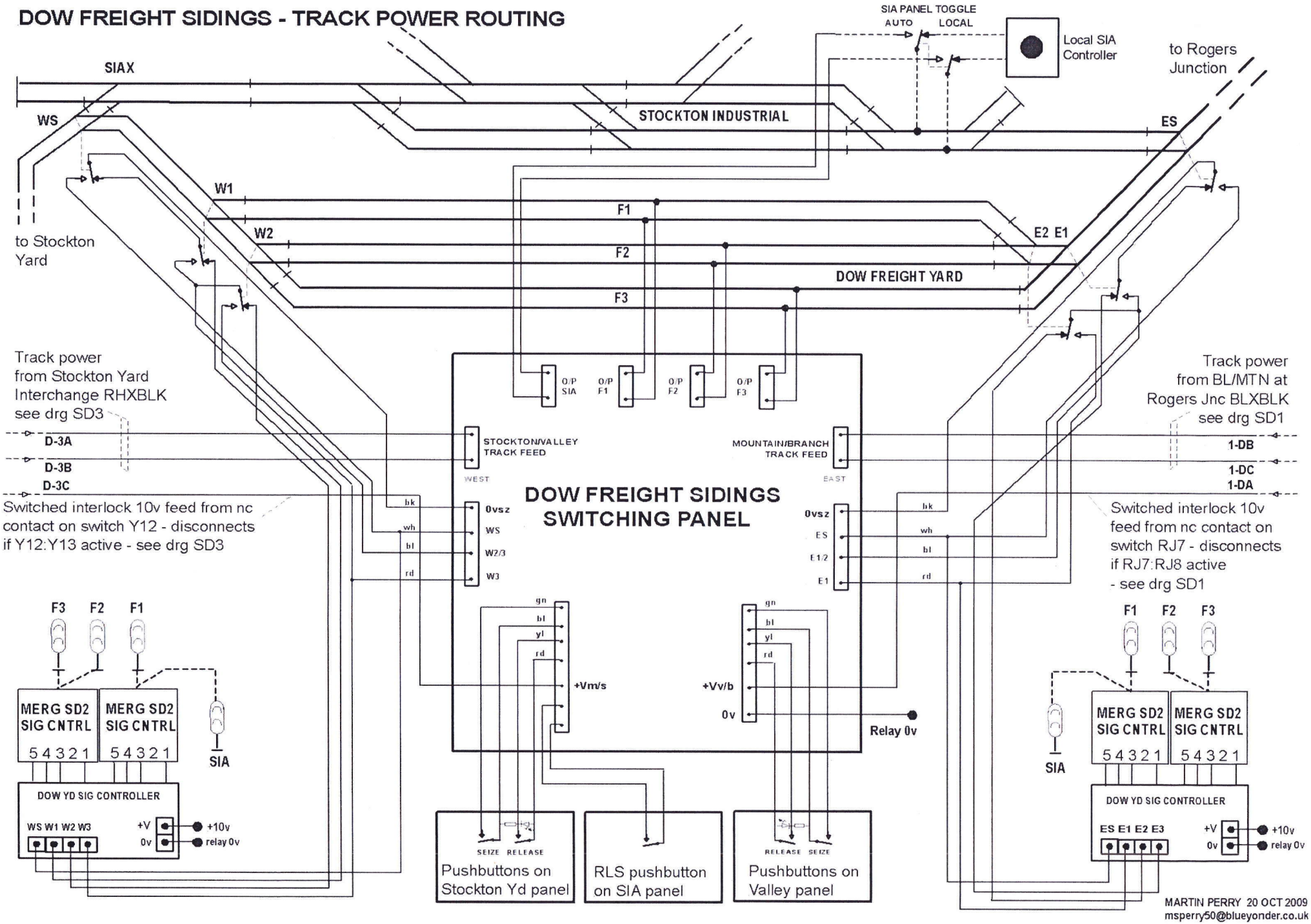


BRANCHLINE / MOUNTAIN INTERCHANGE POWER ROUTING AT ANGEL CAMP

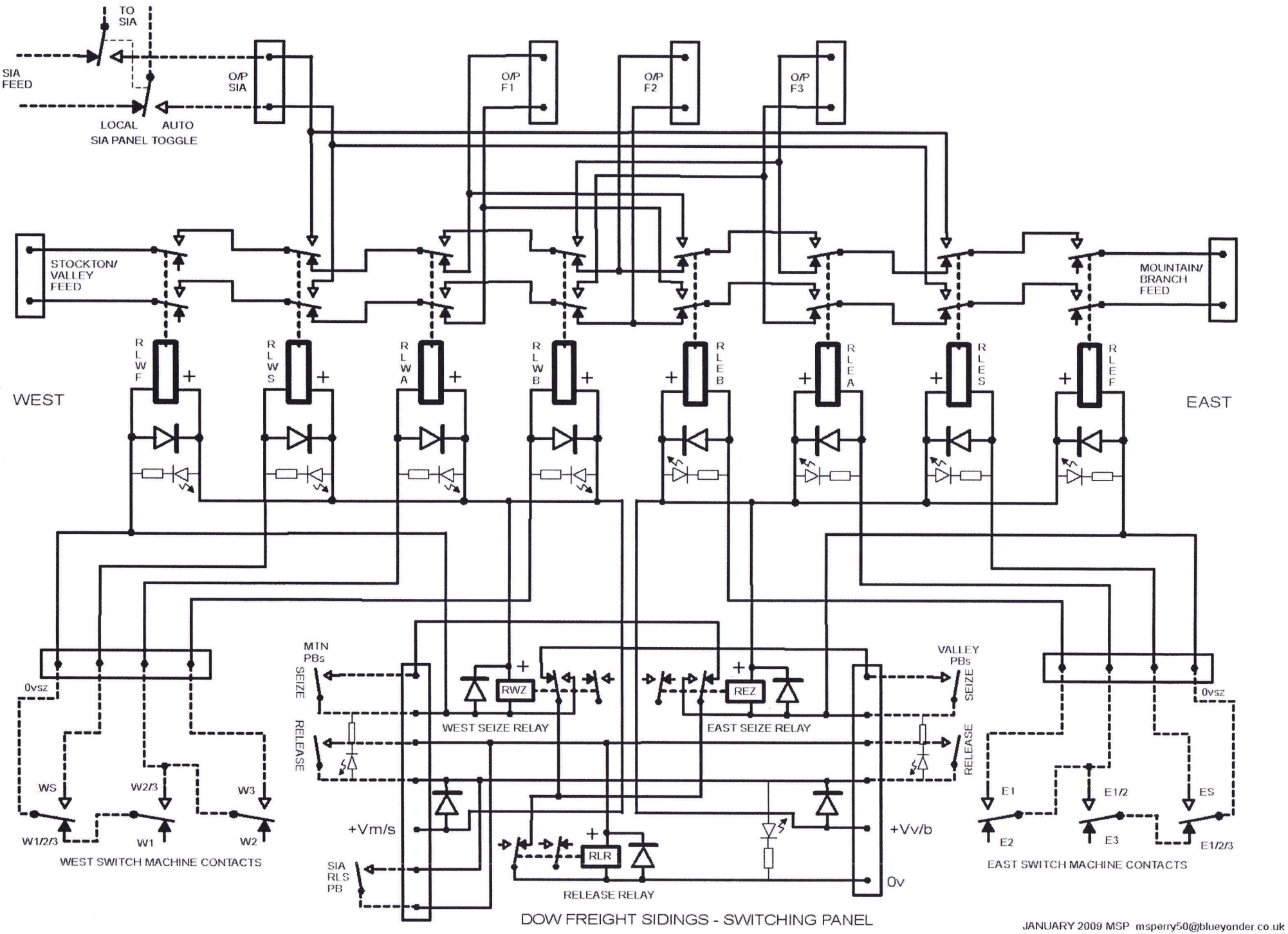
M Parry 28 Sept 00
msparry50@aol.com


STATION DEVELOPMENT - DRAWING 3
STATION
Toggle AE on Stn Panel - see drg 4
3-4B
East track power to Stn Panel - see drg 4
3-4A
also shown on drg 4
3-4C
Yard switch on Stn Panel - see drg 4
3-4D
3-4E
Track feed from Station Controller East if fitted
Relay 0v
RH/YD track power to DOW Panel - see DOW drg
D-3A
D-3B
D-3C
RH/STN RELAY
STN/ML RELAY
STN/YD RELAY
RH RELAY
SLIP RELAY
STN APPROACH EAST - AE
YARD SWITCHING LEAD
SIA
DOW YD
Interlock 10v to DOW panel disconnects if Y12/Y13 opened - see DOW drg - added 2009
Y13
Y12
+10v
RHXBLK
SLIPXBLK
GANGED SWITCHES
Y1:Y3
Y2:Y4B
Y4A:Y5
Y6:Y7
Y8:Y9
Y12:Y13
YARD LEAD 2
Track feed from MLXBLK2 Relay - see drg 2
2-3A
2-3B
MLXBLK2 also shown on drg 4
Y9
ROUNDHOUSE LEAD
Y7
Y8
YARD LEAD 2
Y6
Y5
YARD LEAD 1
Y3
Y4A
Y4B
INTERCHANGE BLOCK 1
MLXBLK2
Y2
Y1
SLIPXBLK
INTERCHANGE BLOCK 2
STOCKTON YARD INTERCHANGE - AUTOMATIC TRACK POWER ROUTING
MARTIN PERRY 3 SEPT 2000
msperry50@blueyonder.co.uk

DOW FREIGHT SIDINGS - TRACK POWER ROUTING



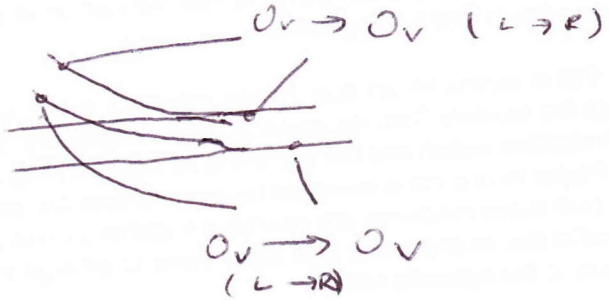
MARTIN PERRY 20 OCT 2009
msperry50@blueyonder.co.uk


TO SIA
SIA FEED
O/P SIA
LOCAL
AUTO
SIA PANEL TOGGLE
O/P F1
O/P F2
O/P F3
STOCKTON/ VALLEY FEED
MOUNTAIN/ BRANCH FEED
RLWF
RLWS
RLWA
RLWB
RLEB
RLEA
RLES
RLEF
WEST
EAST
MTN PBs
SEIZE
RELEASE
RWZ
WEST SEIZE RELAY
REZ
EAST SEIZE RELAY
VALLEY PBs
0vsz
WS
W2/3
W3
W1/2/3
W1
W2
WEST SWITCH MACHINE CONTACTS
+Vm/s
SIA RLS PB
RLR
RELEASE RELAY
+Vv/b
0v
E1
E1/2
ES
E2
E3
E1/2/3
EAST SWITCH MACHINE CONTACTS
DOW FREIGHT SIDINGS - SWITCHING PANEL
JANUARY 2009 MSP msperry50@blueyonder.co.uk

Results

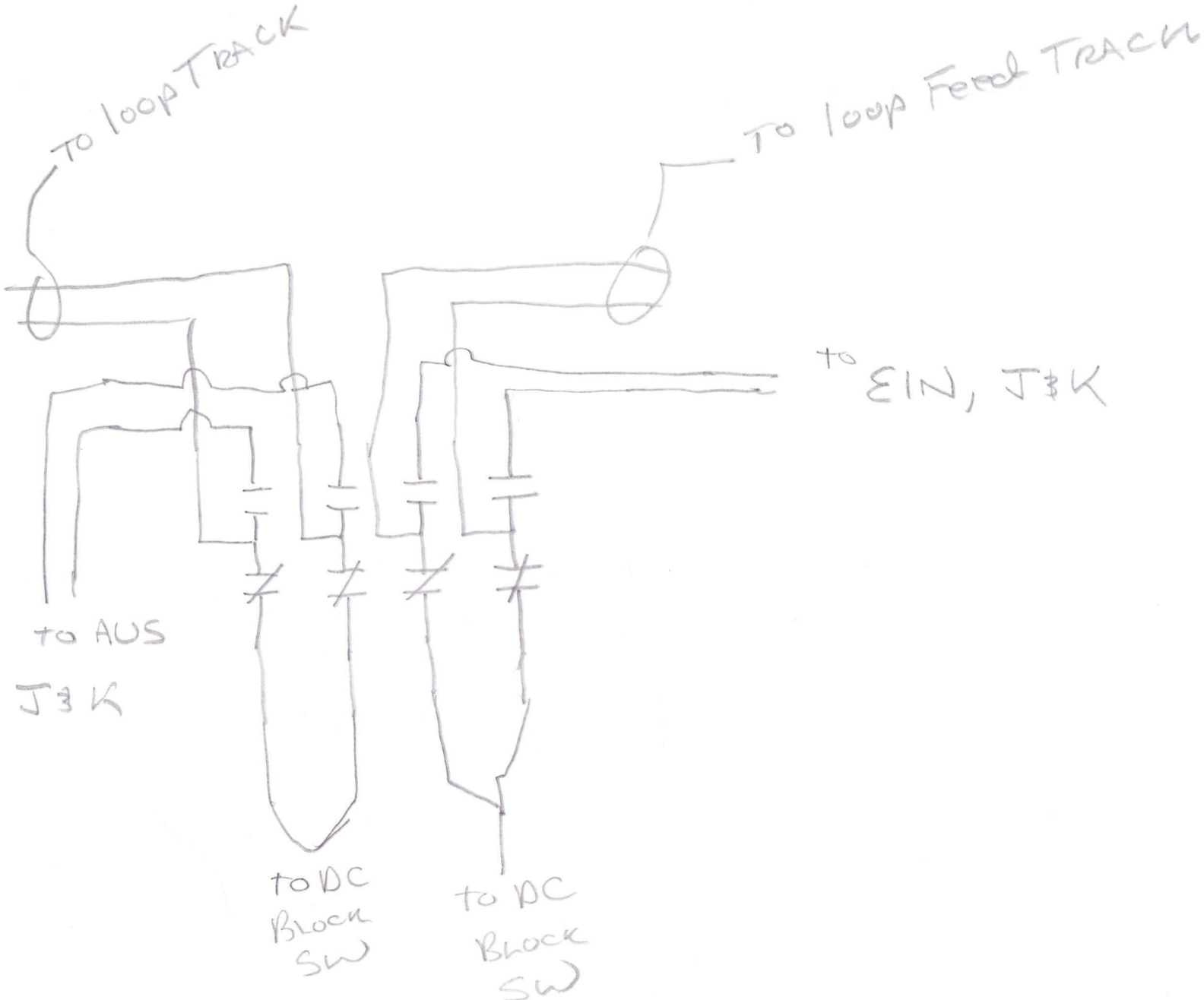
322 Test

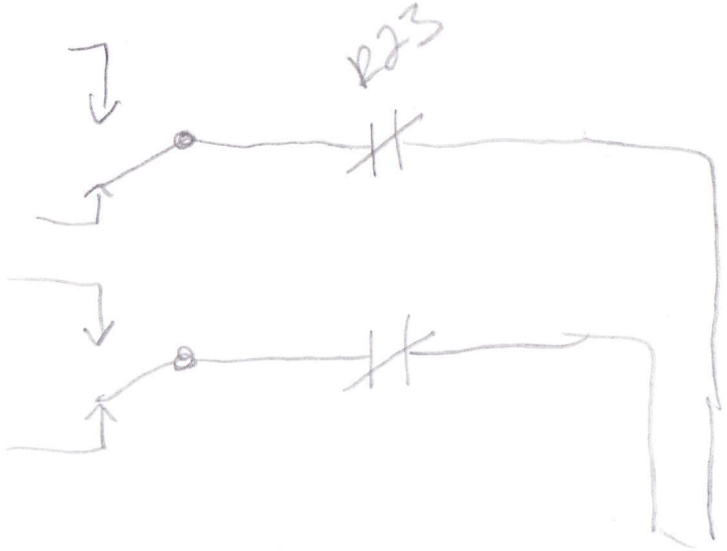
- Switches Normal:
  - meters reads 0v → 0v (L→R)
- ~~Norma~~ 322 Branchline
  - meter reads 0v → 0v (L→R)
- Switch to X-over 322 → Branch →:

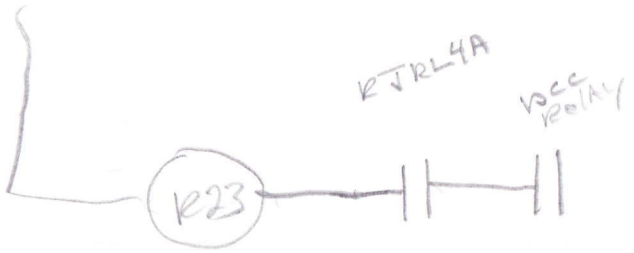


- 322 Block is powered and drains can enter 322 when 322 → Branchline turnout is normal. Once X-over is thrown to diverge to Branch, engine loses power. Test ~~connectivity~~ reveals both L & R rails
- ~~have~~ show connectivity (0v → 0v (L&R)) to corresponding rails from 322 → Branch.

- ~~Branch~~ Branchline stops operating right after rail gap next to the Angel Camp turnout. I tested connectivity & found outside rail is not powered right after the gap.


TO loop TRACK
TO loop Feed TRACK
TO EIN, J3K
TO AUS
J3K
TO DC
BLOCK
SW
TO DC
BLOCK
SW


R23


R23
RJRL4A
VDCC
ROTARY