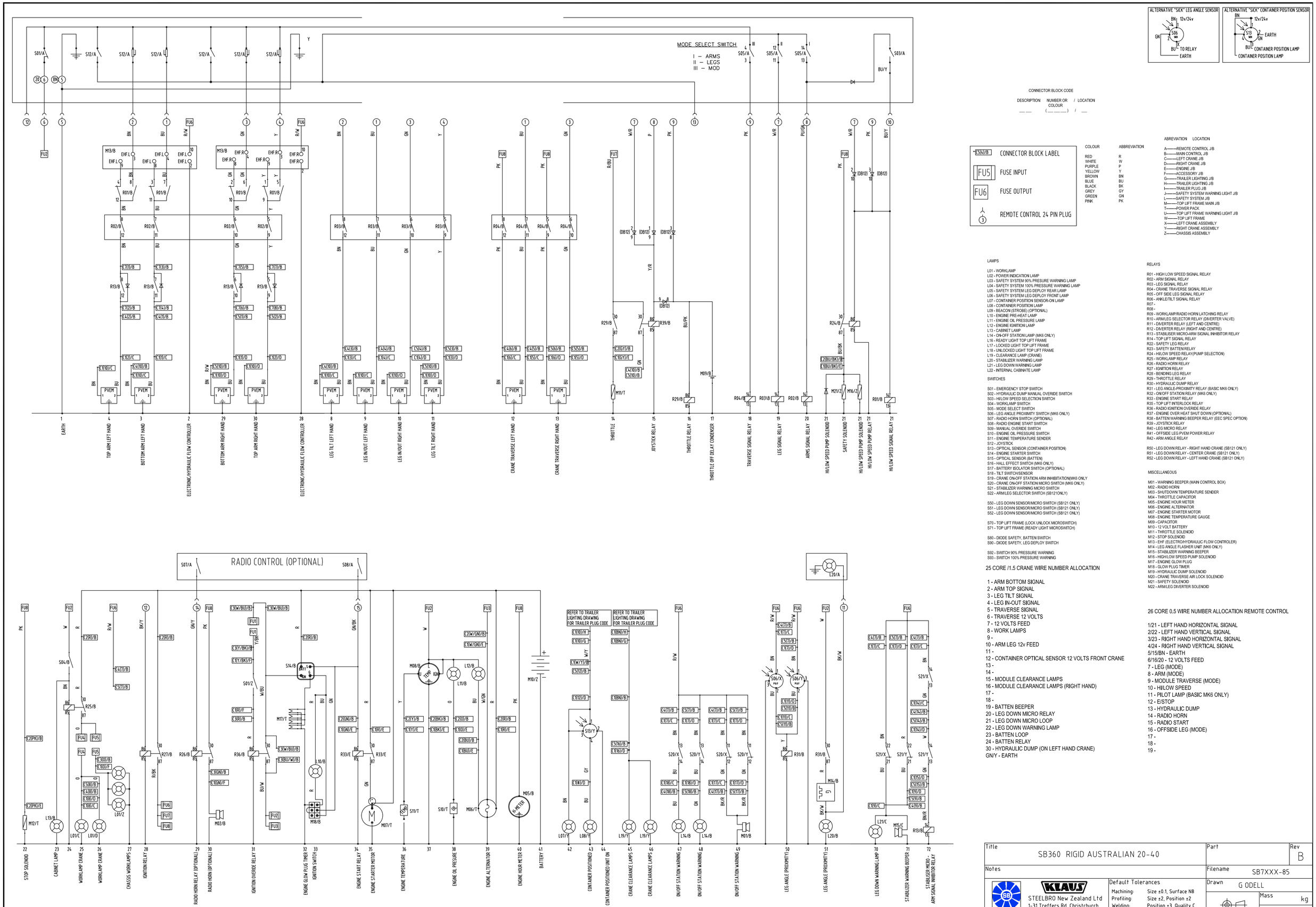

CONNECTOR BLOCK CODE

DESCRIPTION NUMBER OR COLOUR / LOCATION
__ __ (_ _ _ _ _) / __

CS(47)/B CONNECTOR BLOCK LABEL

FU5 FUSE INPUT

FU6 FUSE OUTPUT

3 REMOTE CONTROL 24 PIN PLUG

COLOUR	ABBREVIATION
RED	R
WHITE	W
PURPLE	P
YELLOW	Y
BROWN	BN
BLUE	BU
BLACK	BK
GREY	GY
GREEN	GN
PINK	PK

ABREVIATION	LOCATION
A	REMOTE CONTROL J/B
B	MAIN CONTROL J/B
C	LEFT CRANE J/B
D	RIGHT CRANE J/B
E	ENGINE J/B
F	ACCESSORY J/B
G	TRAILER LIGHTING J/B
H	TRAILER LIGHTING J/B
I	TRAILER PLUG J/B
J	SAFETY SYSTEM WARNING LIGHT J/B
L	SAFETY SYSTEM J/B
M	TOP LIFT FRAME MAIN J/B
T	POWER PACK
U	TOP LIFT FRAME WARNING LIGHT J/B
W	TOP LIFT FRAME
X	LEFT CRANE ASSEMBLY
Y	RIGHT CRANE ASSEMBLY
Z	CHASSIS ASSEMBLY

LAMPS

L01 - WORKLAMP
L02 - POWER INDICATION LAMP
L03 - SAFETY SYSTEM 90% PRESSURE WARNING LAMP
L04 - SAFETY SYSTEM 100% PRESSURE WARNING LAMP
L05 - SAFETY SYSTEM LEG DEPLOY REAR LAMP
L06 - SAFETY SYSTEM LEG DEPLOY FRONT LAMP
L07 - CONTAINER POSITION SENSOR-ON LAMP
L08 - CONTAINER POSITION LAMP
L09 - BEACON (STROBE) (OPTIONAL)
L10 - ENGINE PRE-HEAT LAMP
L11 - ENGINE OIL PRESSURE LAMP
L12 - ENGINE IGNITION LAMP
L13 - CABINET LAMP
L14 - ON-OFF STATION LAMP (MK6 ONLY)
L16 - READY LIGHT TOP LIFT FRAME
L17 - LOCKED LIGHT TOP LIFT FRAME
L18 - UNLOCKED LIGHT TOP LIFT FRAME
L19 - CLEARANCE LAMP (CRANE)
L20 - STABILIZER WARNING LAMP
L21 - LEG DOWN WARNING LAMP
L22 - INTERNAL CABINATE LAMP

SWITCHES

S01 - EMERGENCY STOP SWITCH
S02 - HYDRAULIC DUMP MANUAL OVERIDE SWITCH
S03 - HI/LOW SPEED SELECTION SWITCH
S04 - WORKLAMP SWITCH
S05 - MODE SELECT SWITCH
S06 - LEG ANGLE PROXIMITY SWITCH (MK6 ONLY)
S07 - RADIO HORN SWITCH (OPTIONAL)
S08 - RADIO ENGINE START SWITCH
S09 - MANUAL OVERIDE SWITCH
S10 - ENGINE OIL PRESSURE SWITCH
S11 - ENGINE TEMPERATURE SENDER
S12 - JOYSTICK
S13 - OPTICAL SENSOR (CONTAINER POSITION)
S14 - ENGINE STARTER SWITCH
S15 - OPTICAL SENSOR (BATTEN)
S16 - HALL EFFECT SWITCH (MK6 ONLY)
S17 - BATTERY ISOLATOR SWITCH (OPTIONAL)
S18 - TILT SWITCH/SENSOR
S19 - CRANE ON-OFF STATION ARM INHIBITATION(MK6 ONLY
S20 - CRANE ON-OFF STATION MICRO SWITCH (MK6 ONLY)
S21 - STABILIZER WARNING MICRO SWITCH
S22 - ARM/LEG SELECTOR SWITCH (SB121ONLY)

S50 - LEG DOWN SENSOR/MICRO SWITCH (SB121 ONLY)
S51 - LEG DOWN SENSOR/MICRO SWITCH (SB121 ONLY)
S52 - LEG DOWN SENSOR/MICRO SWITCH (SB121 ONLY)

S70 - TOP LIFT FRAME (LOCK UNLOCK MICROSWITCH)
S71 - TOP LIFT FRAME (READY LIGHT MICROSWITCH)

S80 - DIODE SAFETY, BATTEN SWITCH
S90 - DIODE SAFETY, LEG DEPLOY SWITCH

S92 - SWITCH 90% PRESSURE WARNING
S93 - SWITCH 100% PRESSURE WARNING

25 CORE /1.5 CRANE WIRE NUMBER ALLOCATION

1 - ARM BOTTOM SIGNAL
2 - ARM TOP SIGNAL
3 - LEG TILT SIGNAL
4 - LEG IN-OUT SIGNAL
5 - TRAVERSE SIGNAL
6 - TRAVERSE 12 VOLTS
7 - 12 VOLTS FEED
8 - WORK LAMPS
9 -
10 - ARM LEG 12v FEED
11 -
12 - CONTAINER OPTICAL SENSOR 12 VOLTS FRONT CRANE
13 -
14 -
15 - MODULE CLEARANCE LAMPS
16 - MODULE CLEARANCE LAMPS (RIGHT HAND)
17 -
18 -
19 - BATTEN BEEPER
20 - LEG DOWN MICRO RELAY
21 - LEG DOWN MICRO LOOP
22 - LEG DOWN WARNING LAMP
23 - BATTEN LOOP
24 - BATTEN RELAY
30 - HYDRAULIC DUMP (ON LEFT HAND CRANE)
GN/Y - EARTH

RELAYS

R01 - HIGH LOW SPEED SIGNAL RELAY
R02 - ARM SIGNAL RELAY
R03 - LEG SIGNAL RELAY
R04 - CRANE TRAVERSE SIGNAL RELAY
R05 - OFF SIDE LEG SIGNAL RELAY
R06 - ANKLE/TILT SIGNAL RELAY
R07 -
R08 -
R09 - WORKLAMP/RADIO HORN LATCHING RELAY
R10 - ARM/LEG SELECTOR RELAY (DIVERTER VALVE)
R11 - DIVERTER RELAY (LEFT AND CENTRE)
R12 - DIVERTER RELAY (RIGHT AND CENTRE)
R13 - STABILISER MICRO-ARM SIGNAL INHIBITOR RELAY
R14 - TOP LIFT SIGNAL RELAY
R22 - SAFETY LEG RELAY
R23 - SAFETY BATTEN RELAY
R24 - HI/LOW SPEED RELAY(PUMP SELECTION)
R25 - WORKLAMP RELAY
R26 - RADIO HORN RELAY
R27 - IGNITION RELAY
R28 - BENDING LEG RELAY
R29 - THROTTLE RELAY
R30 - HYDRAULIC DUMP RELAY
R31 - LEG ANGLE-PROXIMITY RELAY (BASIC MK6 ONLY)
R32 - ON/OFF STATION RELAY (MK6 ONLY)
R33 - ENGINE START RELAY
R35 - TOP LIFT INTERLOCK RELAY
R36 - RADIO IGNITION OVERIDE RELAY
R37 - ENGINE OVER HEAT SHUT DOWN (OPTIONAL)
R38 - BATTEN WARNING BEEPER RELAY (EEC SPEC OPTION)
R39 - JOYSTICK RELAY
R40 - LEG MICRO RELAY
R41 - OFFSIDE LEG PVEM POWER RELAY
R42 - ARM ANGLE RELAY

R50 - LEG DOWN RELAY - RIGHT HAND CRANE (SB121 ONLY)
R51 - LEG DOWN RELAY - CENTER CRANE (SB121 ONLY)
R52 - LEG DOWN RELAY - LEFT HAND CRANE (SB121 ONLY)

MISCELLANEOUS

M01 - WARNING BEEPER (MAIN CONTROL BOX)
M02 - RADIO HORN
M03 - SHUTDOWN TEMPERATURE SENDER
M04 - THROTTLE CAPACITOR
M05 - ENGINE HOUR METER
M06 - ENGINE ALTERNATOR
M07 - ENGINE STARTER MOTOR
M08 - ENGINE TEMPERATURE GAUGE
M09 - CAPACITOR
M10 - 12 VOLT BATTERY
M11 - THROTTLE SOLENOID
M12 - STOP SOLENOID
M13 - EHF (ELECTRO/HYDRAULIC FLOW CONTROLER)
M14 - LEG ANGLE FLASHER UNIT (MK6 ONLY)
M15 - STABILIZER WARNING BEEPER
M16 - HIGH/LOW SPEED PUMP SOLENOID
M17 - ENGINE GLOW PLUG
M18 - GLOW PLUG TIMER
M19 - HYDRAULIC DUMP SOLENOID
M20 - CRANE TRAVERSE AIR LOCK SOLENOID
M21 - SAFETY SOLENOID
M22 - ARM/LEG DIVERTER SOLENOID

26 CORE 0.5 WIRE NUMBER ALLOCATION REMOTE CONTROL

1/21 - LEFT HAND HORIZONTAL SIGNAL
2/22 - LEFT HAND VERTICAL SIGNAL
3/23 - RIGHT HAND HORIZONTAL SIGNAL
4/24 - RIGHT HAND VERTICAL SIGNAL
5/15/BN - EARTH
6/16/20 - 12 VOLTS FEED
7 - LEG (MODE)
8 - ARM (MODE)
9 - MODULE TRAVERSE (MODE)
10 - HI/LOW SPEED
11 - PILOT LAMP (BASIC MK6 ONLY)
12 - E/STOP
13 - HYDRAULIC DUMP
14 - RADIO HORN
15 - RADIO START
16 - OFFSIDE LEG (MODE)
17 -
18 -
19 -

Title: SB360 RIGID AUSTRALIAN 20-40	Part	Rev B
Notes	Filename SB7XXX-85	
STEELBRO New Zealand Ltd, 1-31 Treffers Rd, Christchurch, New Zealand	Drawn G ODELL	
Default Tolerances: Machining: Size ±0.1, Surface N8; Profiling: Size ±2, Position ±2; Welding: Position ±3, Quality C	Mass kg	A2

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