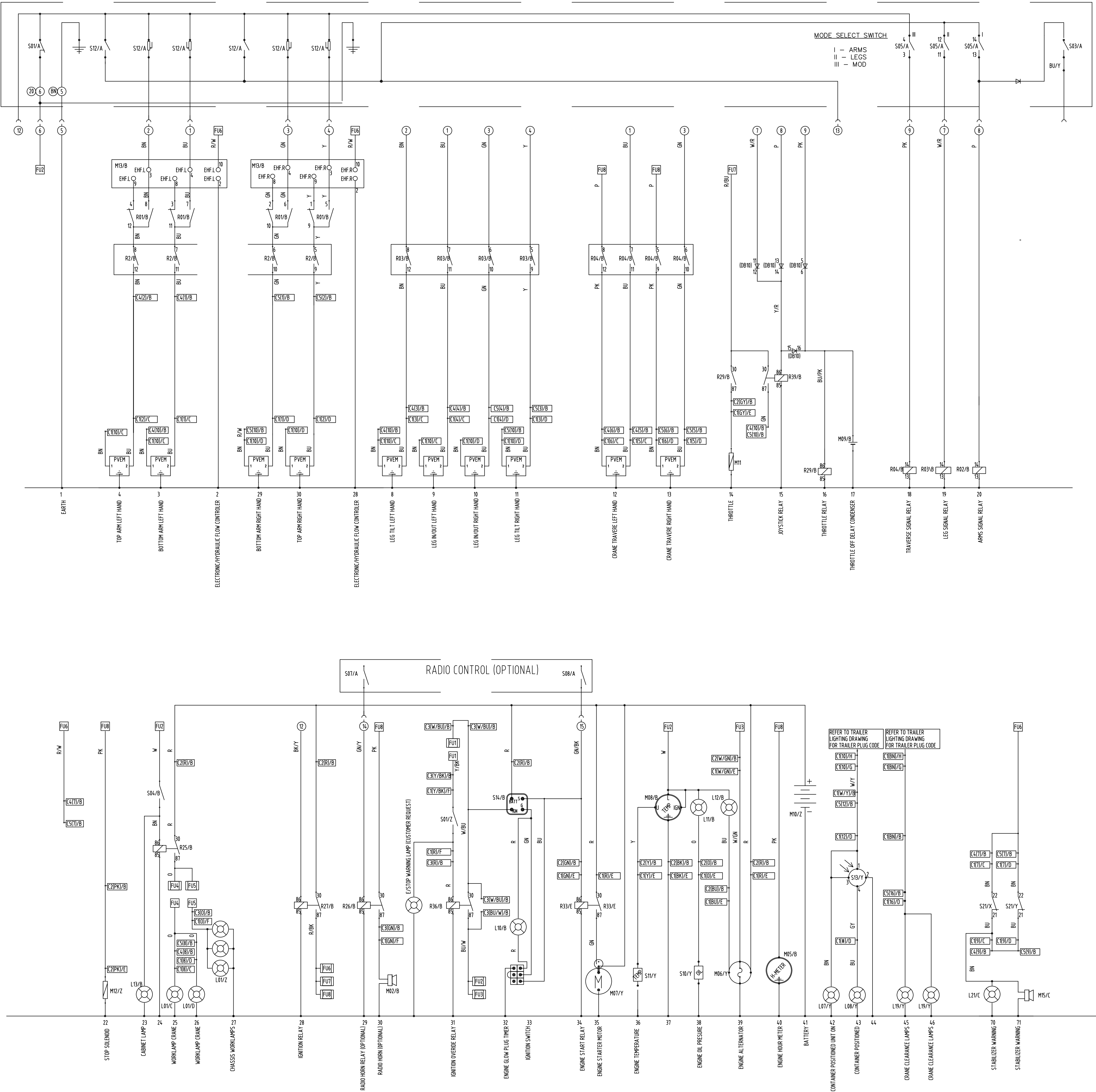




CONNECTOR BLOCK CODE			
DESCRIPTION	NUMBER OR COLOUR	/	LOCATION
-----	(-----)	/	-----
COLOUR	ABBREVIATION	ABBREVIATION	LOCATION
RED	R	A-----	REMOTE CONTROL J/B
WHITE	W	B-----	MAIN CONTROL J/B
PURPLE	PU	C-----	LEFT CRANE J/B
YELLOW	Y	D-----	RIGHT CRANE J/B
BROWN	BN	E-----	ENGINE J/B
BLUE	BU	F-----	ACCESSORY J/B
BLACK	BK	G-----	TRAILER LIGHTING J/B
GREY	GY	H-----	TRAILER LIGHTING J/B
GREEN	GN	I-----	TRAILER PLUG J/B
PINK	PK	J-----	SAFETY SYSTEM WARNING LIGHT J/B
		L-----	SAFETY SYSTEM J/B
		M-----	TOP LIFT FRAME MAIN J/B
		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% PRESURE WARNING LAMP
 - L04 - SAFETY SYSTEM 100% PRESURE 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 - LEG ANGLE - PROXIMITY SWITCH
 - L21 - LEG DOWN WARNING LAMP

SWITCHES

 - S01 - EMERGENCY STOP SWITCH
 - S02 - HYDRAULIC DUMP MANUAL OVERRIDE 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 OVERRIDE 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)
 - S20 - CRANE ON-OFF STATION MICRO SWITCH (MK6 ONLY)
 - S21 - STABILIZER WARNING MICRO SWITCH
 - 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
- 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
 - R11 -
 - 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 - RADIO IGNITION OVERRIDE
 - 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 OVERRIDE RELAY
 - R37 - ENGINE OVER HEAT SHUT DOWN (OPTIONAL)
 - R38 - BATTEN WARNING BEEPER RELAY (EEC SPEC OPTION)
 - R39 - JOYSTICK RELAY
 - R40 - LEG MICRO RELAY

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 CONTROLLER)
 - M14 - LEG ANGLE FLASHER UNIT (MK6 ONLY)
 - M15 - STABILIZER WARNING BEEPER
 - M16 - HIGH/LOW SPEED PUMP SOLENOID

- 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
- 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 -
 - 17 -
 - 18 -
 - 19 -

Title		SB33 AUSTRALIAN RIDGID 20-40		Part	Rev
Notes		SB7193-85			
 STEELBRO	 STEELBRO New Zealand Ltd 1-31 Treffers Rd, Christchurch New Zealand	Default Tolerances		Drawn	G ODELL 28/07/2003
		Machining: Size ±0.1, Surface N8 Profiling: Size ±2, Position ±2 Welding: Position ±3, Quality C (C) STEELBRO New Zealand 2000			Mass kg A2