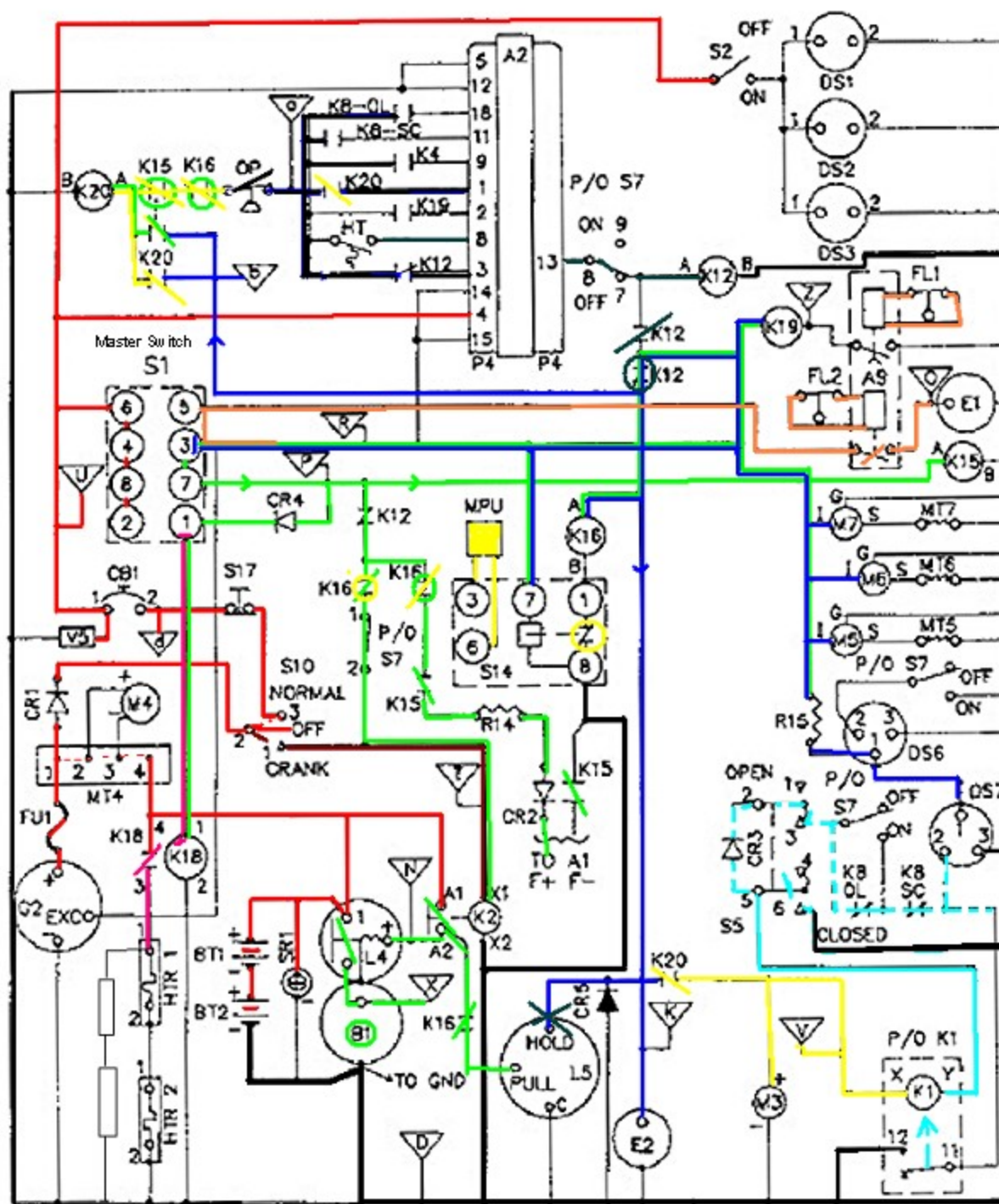


A1 AC VOLTAGE REGULATOR
 A2 MALFUNCTION INDICATOR
 A7 FREQUENCY TRANSUCER
 A8 FLOAT SWITCH MODULE
 A10 A13 FMI FILTER
 B1 CRANKING MOTOR
 BT1 BATTERY 12V
 BT2 BATTERY 12V
 CB1 DC CONTROL POWER CIRCUIT BREAKER
 CB2 GROUND FAULT CIRCUIT INTERRUPTER
 CB2ND CONTROL BOX GROUND
 CP2ND CONTROL PANEL GROUND
 CR DIODES
 CT1 CURRENT TRANSFORMER
 CT2 CURRENT TRANSFORMER
 CT3 CURRENT TRANSFORMER
 DS1 PANEL LIGHT
 DS2 PANEL LIGHT
 DS3 PANEL LIGHT
 DS6 IND. LT. BATTLE SHORT
 DS7 IND. LT. AC CIRCUIT INTERRUPTER
 E1 AUXILIARY FUEL PUMP
 E2 FUEL PUMP
 FL1 LOW FUEL LEVEL FLOAT SWITCH
 FL2 AUXILIARY FUEL PUMP FLOAT SWITCH
 FU1 FUSE
 G1 AC GENERATOR
 G2 BATTERY CHARGING ALTERNATOR
 GND GROUND
 HT COOLANT HIGH TEMPERATURE SWITCH
 HTR ENGINE PRE HEATER
 J1 CONVENIENCE RECEPTACLE
 J3 DIAGNOSTIC RECEPTACLE
 K1 AC CIRCUIT INTERRUPTER
 K2 CRANKING RELAY
 K4 OVERVOLTAGE RELAY
 K5 OVERLOAD/SHORT CIRCUIT RELAY
 K12 ENGINE FAULT RELAY
 K15 FIELD FLASH RELAY
 K16 CRANK DISCONNECT RELAY
 K18 PRE HEAT RELAY
 K19 FUEL LEVEL RELAY
 K20 OIL PRESSURE RELAY

L0 OUTPUT TERMINAL
 L1 OUTPUT TERMINAL
 L2 OUTPUT TERMINAL
 L3 OUTPUT TERMINAL
 L4 STARTER SOLENOID
 L5 FUEL SOLENOID
 M1 AC VOLTMETER
 M2 FREQUENCY METER
 M3 TIME METER
 M4 BATTERY CHARGING AMMETER
 M5 FUEL LEVEL INDICATOR
 M6 COOLANT TEMPERATURE INDICATOR
 M7 OIL PRESSURE INDICATOR
 M8 AC AMMETER
 MPU MAGNETIC PICKUP
 MT4 BATTERY CHARGING AMMETER SHUNT
 MT5 FUEL LEVEL SENSOR
 MT6 COOLANT TEMPERATURE SENSOR
 MT7 OIL PRESSURE SENSOR
 OP LOW OIL PRESSURE SWITCH
 P1 PLUS MALFUNCTION INDICATOR
 P2 VOLTAGE ADJUST POTENTIOMETER
 R10 BURDEN RESISTOR
 R11 BURDEN RESISTOR
 R12 BURDEN RESISTOR
 R13 BURDEN RESISTOR
 R14 FIELD FLASH RESISTOR
 R16 LED RESISTOR
 S1 MASTER SWITCH
 S2 PANEL LIGHT SWITCH
 S5 AC CIRCUIT INTERRUPTER SWITCH
 S6 AM/VM TRANSFER SWITCH
 S7 BATTLE SHORT SWITCH
 S8 VOLTAGE RECONNECTION SWITCH
 S10 DEAD CRANK SWITCH
 S14 CRANK DISCONNECT SWITCH
 S17 EMERGENCY STOP SWITCH
 S19 SLAVE RECEPTACLE
 SP2ND SLAVE RECEPTACLE GROUND
 T22 OUTPUT LOAD TERMINAL BOARD
 TB TERMINAL BOARD(S)
 V1 V4 WASTOR AC LOAD LINES
 V5 WASTOR DC SYSTEM



S1 CIRCUIT SCHEDULE	
POSITION	CIRCUITS MADE (2-8-4-6 ARE COMMON)
1 PREHEAT	COMMON TO 1
2 OFF	NONE
3 PRIME & RUN AUX FUEL	COMMON TO 3 & 5
4 PRIME & RUN	COMMON TO 3
5 START	COMMON TO 3 & 7

- Battery Ckt B+
- Preheat
- Prime Run
- Start
- Mag Pickup Adj to 2.5-3.5 at cranking
- Aux Fuel
- Main Contactor
- Fault Ckt K12 Energizes

5 & 10 KW DC Circuits