Note: SR1 goes to pins 3 & 4 of the 12 pin ODI connector so that when the experiment module is plugged in these are shorted out raising the shunt regulator from 20 V to 35 V.

This is the circuit (PCB) ground which comes from the pressure case and SWA drop.

Load 8 Watts 8 Watts

Note: SR1 and SR2 can not switch the output on to loads until reaching 1.5A in the cable.

Note: SR2 is shorted out (by passed) by the Observatory at pin 3 & 4

Note: JP1 goes to pins 3 & 4 of the 12 pin ODI connector so