'Kelly' – Power Circuit Schematic – As Built

Drawn By: Ian Rowley    Drawn: 19/8/09    Version B    Sht 1 of 2

Tritium Controller

Solar Array - Front
Solar Array - Middle
Solar Array - Back

Solar Optimiser Controller

Motor

Main Switch

To Instrumentation Power Supply
To Indicator & Brake Controller Relay Housing
To Instrumentation Power Supply
Emergency Stop & Pre-charge

Shunt

Denotes Telemetry Monitoring Points

Notes:-
1. This schematic was created during the installation of the Telemetry in August 2009.
2. This schematic should not be considered as complete but should be updated as more is learnt.
3. Drawing not to scale.

Do not use this drawing for Solar Spirit
Kelly DC Supply Hardware Locations

Note: Kelly not to scale, Diagrammatic representation only. CAN Nodes in approximate position. Visual location required.

- Battery Pack
- Main DC Cable Route
- CAN Bus, Pre-charge & master Optimiser DC/DC Converters
- 120V DC Distribution
- 120V Star Point
- Solar Array & Battery Isolation Switchs
- 0V Star Point
- Umbilical Plug to Solar Array
- Tritium Motor Controller
- Motor

Do Not Use this Drawing for Solar Spirit