LRI meeting 2-6-97

Topic - status	Feb 6	Action
Generator - red	Generator not in house. Has been delivered to RCI, integration of controller and UPS being performed. Testing to be performed during weekend. Current status - red	Time for delivery moved to Feb 10, if integration and testing proceed as planned. Integration with body to occur and testing here will occur as soon as arrival. Note: full spares is to be provided by RCI as part of initial agreement.
UPS software not yet developed	Data obtained from manufacturer. Software not outlined, ASCII format as opposed to binary.	Discuss protocol and deliver definition to software group.
Power distribution - red	Cable detailing, documentation and schematic generation proceeding. Current status - red.	Consulting with Chris Fromme, discussing existence of possible noise problems in design, forming parts and wire list. Obtain parts and schedule assembly.
Actuators and amplifiers - yellow	All amps requiring repair in process. Brake motors ordered. Awaiting return of amps and delivery of new power supply. Status - yellow.	Track amp repair and motor order with manufacturer and representative.
Electrical enclosures - yellow	Mechanical design of enclosure not done. Size of both enclosures changed to accommodate equipment. Cooling requirements reexamined in light of space needs - coolers down sized.	Mechanical, environmental and electrical design proceeding. Layout of packages within enclosures, placement and sizing of coolers to be checked with manufacturer.
Navigation system-green	Final cage not yet obtained. Hard drive shock mount not obtained.	Obtain cage, move hardware to new box and test.
Stereo vision - green	Housing not yet spec'd and obtained. Large scale calibration target not yet designed.	Mount cameras in housing, wire, mount, test.

Table 1.

Topic - status	Feb 6	Action
RTS - yellow	New rack not ordered. Custom cards not fabricated in final form. Cabling for I/O not in house.	Sped and order new rack and back plane. Layout custom boards for fabrication - thermal limit, IMU buffer. Layout and fabricate cabling.
Lase scanner - yellow	Initial testing of response of scanner through glass window at various angles indicated feasible to proceed with new housing design using angled window. Software porting proceeded to point of obtaining range date via VME/SCSI platform. No major progress since.	Layout design of housing in proe, obtain glass, re wire cable and connectors, remove interface card from existing box and replace in original housing.
Position sensors - yellow	Steering angle pots in process of connectorization. Bogie angle pots still not in house. IMU location and cabling not decided. Compass location and testing not performed.	Continue with connecting steering angle pots. Track delivery of bogie angle pots. Design cabling and housing for bogie angle pot. Locate IMU on body.
Science sensors. - yellow	Weather package being operated. Have discussed protocol for data stream with software group. No science package definition yet.	Test weather package and spec software protocol.
Relay station - red	No change in status.	Design station, spec components and assemble.
Command truck - red.	Have made initial outline for spec.	Will proceed to refine spec and obtain components.
General status (by self assessment) - red		

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