

Team America

3/3/2011

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Minutes: Billy Parker

Minutes for 3/3/2011

- We had a successful testing on the generator
- Figuring out rectifier circuit
 - Use voltage divider before the rectifier
 - Also could use it after
 - May not need a transformer
 - Make sure capacitor is rated to handle proper voltage
- SIRF protocol may be more flexible to use for the GPS
- 1 UART is connected to pins and can be used for the GPS communication
- Need to change clock settings for the SPI to slow down transmission rate to send data.
- Thermocouple cable
 - Last years group used a washer with two wires coming out of it
 - Voltage division on a fixed and variable resistor will provide the differences necessary to sense proper temperatures.