

Team America
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Minutes: Bill Hazel

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1. GPS
 - a. Use one USART for debugging and the other for data
 - b. Communicate using Port C and Port G
2. Storage
 - a. USB flash possibility
 - i. Look on microchip website to find info, code, etc.
 - ii. USB specific microcontroller necessary (interface on kit boards is not USB flash)
 - iii. Definite roles in terms of master and slave (PC vs. microcontroller)
 - b. SD card SPI interface
 - i. Format on PC with .txt file
 - ii. Data dump: take snapshots during drive cycle
3. Microcontroller
 - a. Need one with two USARTs
4. Use unity gain buffer at output of voltage divider
5. Driver board will be redone this week
6. Use MOSFET as signal to rectifier – outputs 3.3V
7. Current sensors shipping in the next few days
8. Billy's constructing a state machine for the generator control code