Status Report #7

Integrated Helmet System: IHS
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Wireless Helmet with Head-Up Display, turn & brake indicators, MP3 player, and Interactive Menu Display
Overall Need

- The IHS motorcycle helmet increases the safety margin of the rider by increasing their personal awareness and visibility to other drivers.

- Milestones:
  - Establish wireless communication - 9/11/08
  - Design MP3 Circuit – 9/24/08
  - Establish output to display – 10/01/08
  - Integrate all components together– 10/10/08
  - Retro-fit components into helmet- 10/28/08
Completed Tasks

- Display is working
- Wireless communications
- Data acquisition circuit
- Developed team website
- Designed motorcycle PCB
Pending Tasks

- PCB component population
- Cut lens for display enclosure
- Design reflective surface for shield
Upcoming Task

- Obtain manufactured printed circuit board
- Mount optics on visor
- Write final report
Thank You!