

Meeting Minutes: Wednesday Feb. 13

Attendees: All

Topic: PDR follow up

Prepared by: Emily

Action Items from Before:

1) Schedule

- changes to make:
 - UI group Automatic control
- timing control
- not detailed enough – UI / networking need to be changed
- revised / better for Monday

2) Block Diagram

- maintenance also uses API
- 16 polarity signals – is that enough? – put a rail permanently at high impedance?
- add old block diagram to PDR
- power distribution to the stations – how will it happen?
- everything that you need has to be on the diagram
- separate what is already there from what we will be designing

3) UI software re-do

- expandability requirement met?
- packet decoder – packet receiver? (rename)
- change names to what they are in the specs
 - ex. Packet builder / decoder = API ; automatic mode = demo mode
- add → number of stations / specific details for each station to the UI

4) Ethics report – now acceptable

Note:

- one way to test that packet stuff is working is to have something come out and look at it on an oscilloscope

When you start design work...

- what happens to the PIC if it goes crazy
 - o system reset
- watchdog timer
- feedback to somebody looking at the board that its working (LEDs LCDs etc.)