

LV1b Meeting Notes - 01/18/00

Who showed up: Andrew, Glenn, Ron, Michael, MattMc, Tim, John, Anthony, Bart, Jamey, John O.

Update on Flight Computer:

- Downlink and GPS communications will be running at 38.4kbps
- More cabling still needs to be worked
- Need to buy GPS antenna for the Jupiter board

Code responsibility for LV1b Firmware:

ISRs (OS)	Andrew
Messages	Andrew
Flight Sequence	Andrew & MattMc
Warm Boot	Andrew & MattMc
SRAM	MattMc
Debug	MattMc
GPS	Ron and Dana
Downlink / FEC	Glenn & Michael
Sample / DSP	Michael
PC Downlink	Jamey
Position Calc.	Tim / John

Schedule between now and next meeting (February 16th, 2000):

- On the web by Monday (1/24)
 - Rev. 0 source code with stubs for all routines
 - LV1b document: architecture, requirements and specifications
 - Schematics as .PDF
- Everyone look over 17C766 code, look at the specifications, schematic, get a feeling for the system
- Write down pseudocode algorithms for each unit to share at meeting (if possible)

Next LV1b meeting:

- Bring LV1b hardware - nose cone, sleeve, payload, FC
- Go over hardware extensively
- Go over FC requirements and specifications
- Go over updated firmware; time for questions and comments
- Create a timeline for the next few months