

Nov 13 2012

Mike, Rob, Reed (Dan & Peter later)

- Software peer review 12/19/12

- Documentation

 - List of documents and status

PFICS requirements - second draft complete, Reed working on update

MPS requirements - draft ready for review, input from Reed

PFICS Software architecture - in progress, draft hopefully ready 11/29/12

MPS Software architecture - in progress

Software test plan - in progress, draft hopefully ready 12/7/12

MPS Software test plan - in progress, draft hopefully ready 11/28/12

PFICS/MPS ICD - draft waiting for input from Reed

PFICS/OBCP ICD - Will be part of architecture document, wrapped into PFS project documentation, nothing done yet

All documentation done by peer review, updated and presented to project before Christmas break

- ICD

 - Reed will go through Hrand's ICD document and send suggestions by email

- Software for testing, I&T

Discussion with Dan after main meeting:

- need centroiding software

- illumination control, metrology control system

- flat fielding control system

Hardware to interface

- metrology bench camera

- motorized stage control

 - 2 stages (precision, coarse)

 - camera on stage to measure beam angles directly

- several illuminators with electronics for pulse generation, power switches

- Cobra control

- A/D converter signal into computer via USB (fiber sensing)

- output data goes to some analysis package

- Use a webcam for external monitoring

- router for firewall and LAN

- May-ish timeframe for testing level software

 - will try to get hardware that we already know how to use

Action items:

Rob to update documents on Twiki
Reed to reorganize software area on Twiki
Rob to handle calendar scheduling of this meeting
Everyone continue working on documentation