

Minutes of Friday 2/7/03 RR BPM Meeting to discuss SOFTWARE

Attending: C. Briegel, J. Crisp, B. Hendricks, P. McBride, C. McClure, S. Pordes, P. Prieto, D. Voy, B. Webber, L. Winterowd, S. Zimmermann

Purpose of the meeting:

- Discuss software plans and needs of RR BPM System
- Identify responsible parties

==== Duane's post-meeting notes follow and see attachment =====

Enclosed a Word file contains the current revision of the software priorities/schedule for the Recycler BPM project. The document describes the rationale behind the prioritization, establishes a list of software projects and begins to relate development tasks to those projects as a seed for a detailed project schedule. The document has evolved dramatically from that handed out at the meeting. Many changes are a result of the discussion in the software meeting and others are simply additional detail.

The following points are noteworthy:

- 1 - There will be two new console applications developed for the project: "Calibration" and "Engineering Support".
- 2 - Calibration application spec must reflect the capabilities of the calibration hardware.
- 3 - The Engineering Support application will request and display raw ADC counts and DDC I&Q data for a channel pair.
- 4 - The Engineering Support application will provide a human interface to all BPM engineering parameters. This will take quite some effort. There is some concern about having these values available to non engineering folks.
- 5 - There will be no application program defined within the project to support reading/display/analysis of Background Flash circular buffer data. The machine folks will create analysis software at their discretion.
- 6 - The event triggered acquisition stuff is considered an upgrade outside the scope of the project. It is included only for completeness.
- 7 - The document has DRAFT in the header because it still contains TBDs and it has not been approved by anyone.
- 8 - I hope that this document can be used as a statement of work for those outside the department. The second outline contains terse descriptions of the work to be done.

Cheers,
--> Duane

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