

Introduction

Tobias Haas/DESY
JRA1 Meeting
29 March 2007/Genève

JRA1 Milestones Oct06

#	Name	Date	Partner	Description/Remarks
1	TLU	18 Oct 06	Bristol	TLU working. Ship to Geneva.
2	DAQ0	18 Oct 06	Geneva	Bonn+Strasbourg DAQ + TLU work together.
3	FE0	15 Jan 06	DESY	15 Populated FE board sets with sensors (limited tests) available. Ship to Ferrara, Geneva, Strasbourg.
4	EUDRB0	15 Jan 06	Ferrara	EUDRB board partial functionality. Ship to Geneva
5	DAQ1	5 Mar 06	Geneva	DAQ partially integrated with EUDRB
6	EUDRB1	5 Mar 06	Ferrara	EUDRB board tested with FE board set and sensor (no sparsification). Ship 1 full set to Geneva.
7	FE1	5 Mar 06	Strasbourg, Geneva, Ferrara, DESY	FE board sets fully qualified
8	EUDRB2	2 Apr 06	Ferrara	2 EUDRB boards synchronized. Ship 1 set to Geneva.
9	DAQ2	30 Apr 06	Geneva	DAQ fully integrated with two full FE board sets + EUDRB
10	TB0	30 Apr 06	DESY	Mechanics and TB infrastructure ready for integration
11	DEMO0	2 Jul 06	DESY	Demonstrator available

Tasks for this Meeting

- Review Progress
- Update the milestones ... let's be realistic
- Discuss commissioning of the demonstrator
 - Telescope
 - DUTs
- Discuss what we aim for in the final telescope

Commissioning/Beam Tests

- August/September: DESY
- End August/Beg. September CERN

Questions & Answers

- Mimotel sensors:
 - Which sensors will be thinned and how?
 - How many thinned sensors will be bonded?
 - Where are all the pieces
- PCBs:
 - How many board sets will be needed?
 - no more for the moment...
 - Who will do the clock concentrator board?
 - Ferrara proposes a solution without concentrator, adapting the level of the EUDRB and point-to-point JTAG between EUDRB and Auxiliary Boards (+ single clock source from EUDRB 'master')
- EUDRB:
 - What do we need for the DEMO DAQ setup?
 - 1 arm (3 sensors + 3 EUDRBs + TLU)
 - When are boards for collaborators available/How many?
 - 1 now (Geneva), 1 end of April to DESY (?), 3 in June
- DAQ:
 - What functionality of first release? -> Raw Data in LCIO on file
 - When? -> June, then improve DAQ for next levels

Questions Cont'd

- Testbeam participation
 - DESY (10-22 June)
 - DESY (2nd half of August)
 - CERN (1st week of October, together with annual meeting)
- Final Chip
 - Testing/Characterization outside?
 - Competence/Equipment?
- EUDET High level milestones
 - SDC2 prototype (month 15) → Marc
 - Demonstrator R/O (month 15) → Daniel
 - Demonstrator (month 18) → Ingrid
- Financial
 - Who pays for what?
 - 11k Euro from Geneva/Desy -> Strasbourg
 - Geneva places order for 8 EUDRBs
 - How do the funds get moved around?
 - Travel money for test beams? ~30k, via TA2(?!)

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11	Int1	10 June	All	One Demonstrator Arm in beam
12	int2	15 Aug	All	DESY testbeam with improved DAQ and 2 arms
13	Int3	15 Sep	All	Demonstrator Ready for shipping to CERN
14	DEMO0	27 Sep 07	All	Demonstrator in SPS beam



30 Apr
31 May
10 June