

Test beam organization, schedule, requirements and installation

This is no talk rather a questionnaire!

- Installation to T9
- Preliminary schedule
- What do we need?
- When are cassettes moved to CERN?
- When R/O rack and cables? (at FNAL??)
will be transported to CERN

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Towards an HCAL Tungsten Prototype Workshop, Hamburg 2 March 2010

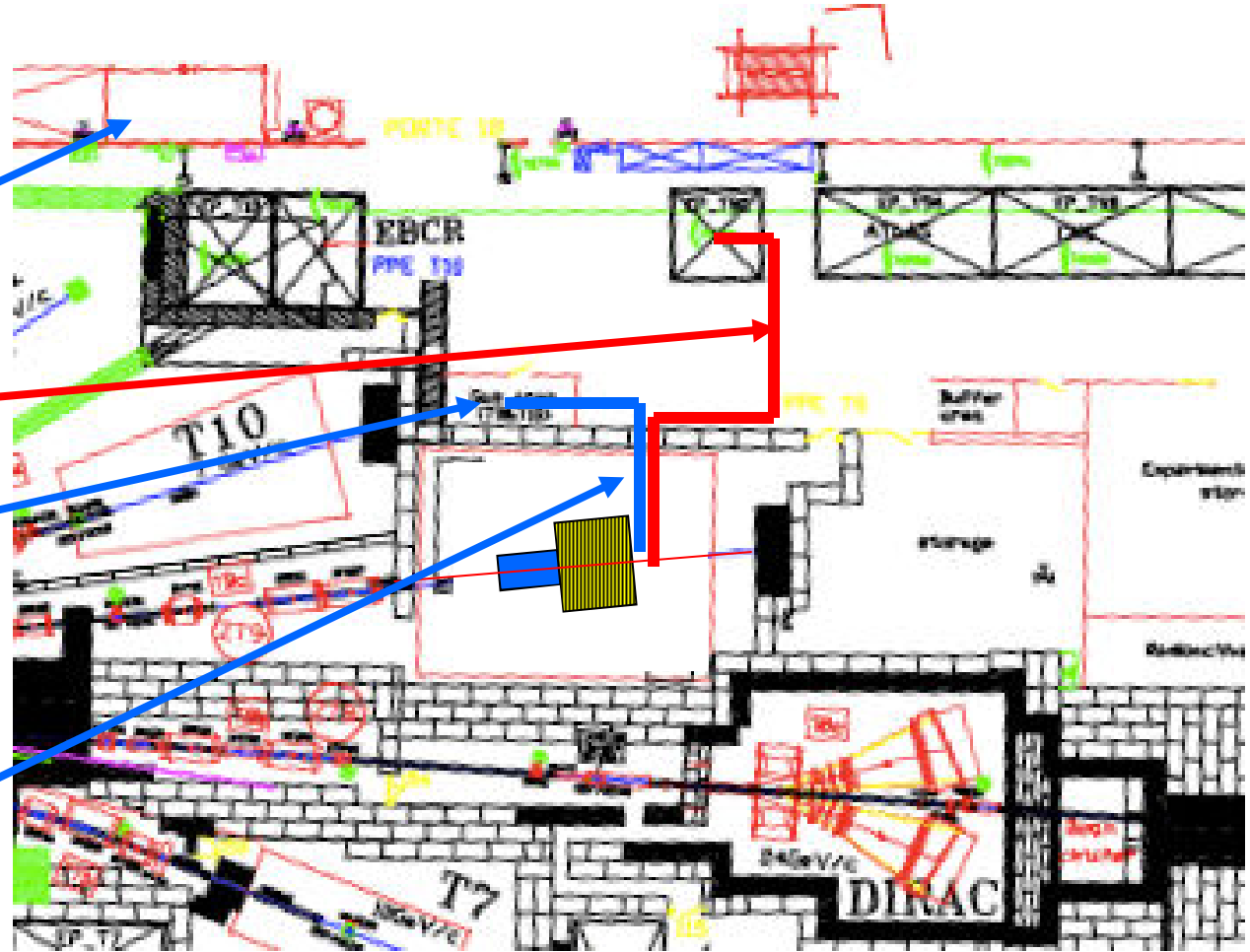
East-Hall/ T9 Layout

External gas boot

Cables
Length 35-40m
To be installed

Gas mixing racks

Gas pipes
Length 10-15m
To be installed



Length's to be confirmed!

Preliminary PS/SPS Schedule we run 8/11 to 22/11

		Thu 21 Oct	Fri 22 Oct	Sat 23 Oct	Sun 24 Oct	Mon 25 Wk43	Tue 26 Oct	Wed 27 Oct	Thu 28 Oct	Fri 29 Oct	Sat 30 Oct	Sun 31 Oct	Mon 1 Wk44	Tue 2 Nov	Wed 3 Nov	Thu 4 Nov	Fri 5 Nov	Sat 6 Nov	Sun 7 Nov	Mon 8 Wk45	Tue 9 Nov	Wed 10 Nov	Thu 11 Nov	Fri 12 Nov	Sat 13 Nov	Sun 14 Nov	Mon 15 Wk46	Tue 16 Nov	Wed 17 Nov	Thu 18 Nov	Fri 19 Nov	Sat 20 Nov	Sun 21 Nov	Mon 22 Wk47
Machine		8 16 WED MD																																
EAST HALL	T7	8h M Glaser		Irradiation																														
	T8	8h L Nemenov		DIRAC																														
	T9	8h G Alexeev		PANDAM																8h W Klempt	XXXXXXXXXXXXXXXXXXXX										WHCAL			
	T10	8h C Cecchi		SUPERB										8h A di Mauro		ALICE-TOF																		
	T11	8h J Kirkby		CLOUD																														

Proto type including W plates, cassettes, scintillators and telescope will be assembled in one piece.

It will be craned into the T9 area the 8 Nov and aligned.

What about R/O rack(s)??

Shall we test the total system in the lab in October?

25-February-2010 2010 PS Fixed Target Programme

Version 1.0

Colour code: green = PS/SPS-exp ; purple = LHC-exp ; dark blue = Outside exp ; yellow = not allocatable or Machine Development

		P1				P2				P3				P4				P5				P6									
		35 29 Apr 3 Jun				35 3 Jun 8 Jul				35 8 Jul 12 Aug				35 12 Aug 16 Sep				35 16 Sep 21 Oct				32 21 Oct 22 Nov									
T7	Setup	Irradiation												Irradiation				Irradiation				Irradiation									
	7	35				35				35				35				35				32									
T8	Setup	DIRAC				DIRAC				DIRAC				DIRAC				DIRAC				DIRAC									
	7	11	24			35			35			35			35			35			32										
T9	Setup	CALICE GRPC	KLOE2	CMS PLT	CMS PLT	NA62_TB	FACTOR	FACTOR	OPERA Bricks	COMPASS CALO					NA62_TB	CMS PLT	PANDAM	PANDAM	WHCAL												
	7	14	14	7	4	21	10	7	11	21	31				13	8	14	18	14												
T10	Setup	ALICE TOF	NA61_T10			ALICE VHMPID	ALICE TOF	ALICE TOF	ALICE FARICH	ALICE VHMPID					ALICE EMCAL	ALICE VHMPID	SUPERB	SUPERB	ALICE TOF												
	7	11	14	10	4	9	15	7	11	14	10	4	28				3	11	14	10	11	14	7								
T11	Setup	CLOUD																CLAS12		CLOUD	CLOUD										
	7	32				3				30				5				35				35				18	11	6	32		

29 Apr

16 Aug

16 Sep

Main work finished ??

No guarantee that access to T9 area will stay!

I need to know :

basically today but latest 15 March

- Production drawings of cassettes and their fixation in CALICE setup.
- Complete list of items (with size) we need in T9 area.
- Confirmation of gas mixture gas for Micromegas.
(flammable gas to be avoided if possible)
- Complete inventory and definition of all cables that we need.
(incl. cable types, connectors, where to get it from etc)
- Complete inventory and definition of all pipes that are needed if any.
(Stainless steel pipes and bellows for Micromegas if used with flammable gas)
- Needs for cooling (if any)