

1st DELPHI Dismantling Meeting



Monday, 27 Nov 2000, 8:15 h

- These weekly meetings have the purpose to review the progress of the dismantling work, to discuss the planning of the coming week, and to address any related problems.
- The meetings are open to everybody.

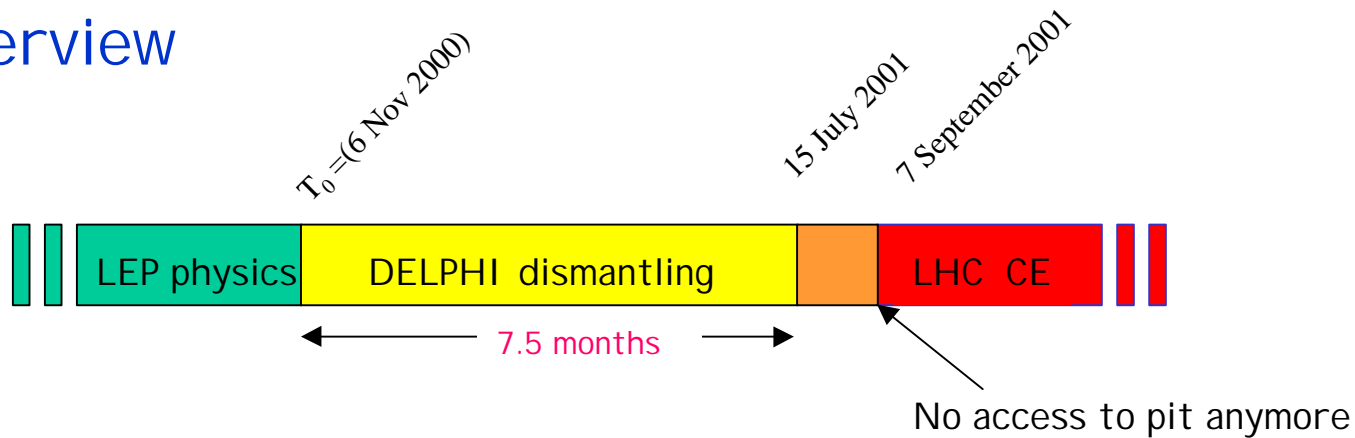
Present should be...

- All technical staff directly involved in the dismantling
- A representative of all concerned detector teams

General overview of the dismantling project

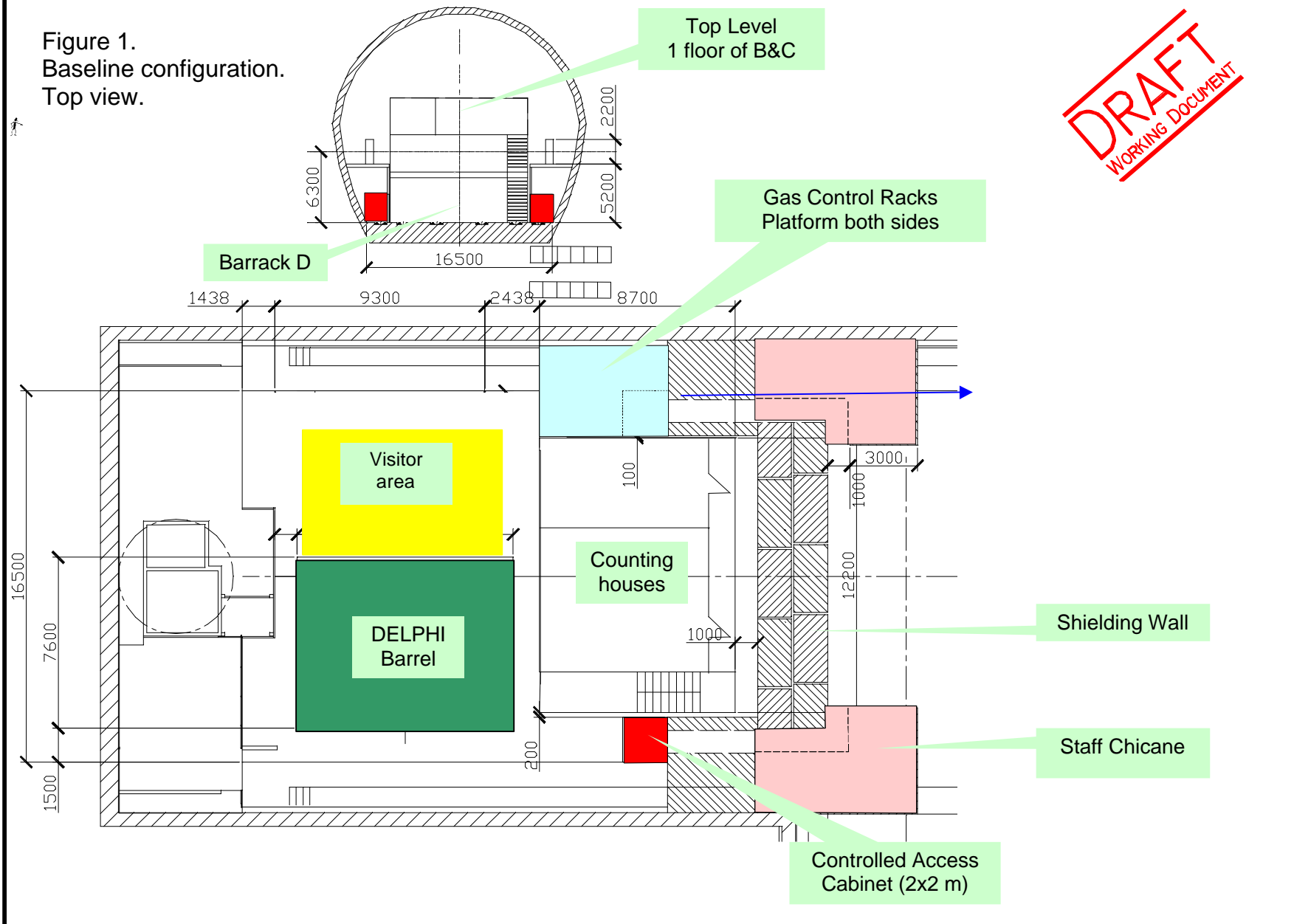


Overview



- The Barrel of DELPHI will be kept as an exposition piece.
- Both endcaps will be dismantled.
- The gas platforms A3, C3, B4 and the counting houses A1, A2, B1, B3, C1, C2 will be dismantled.
- The counting houses D1, D2, B2, A3 will be kept for LHCb.

Figure 1.
Baseline configuration.
Top view.



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WORKING DOCUMENT

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WORKING DOCUMENT

DIMENSIONS (MM)
DELPHI BARREL : 7600 · 9600 · 9600
BARRACK D : 12100 · 8700 · 7800

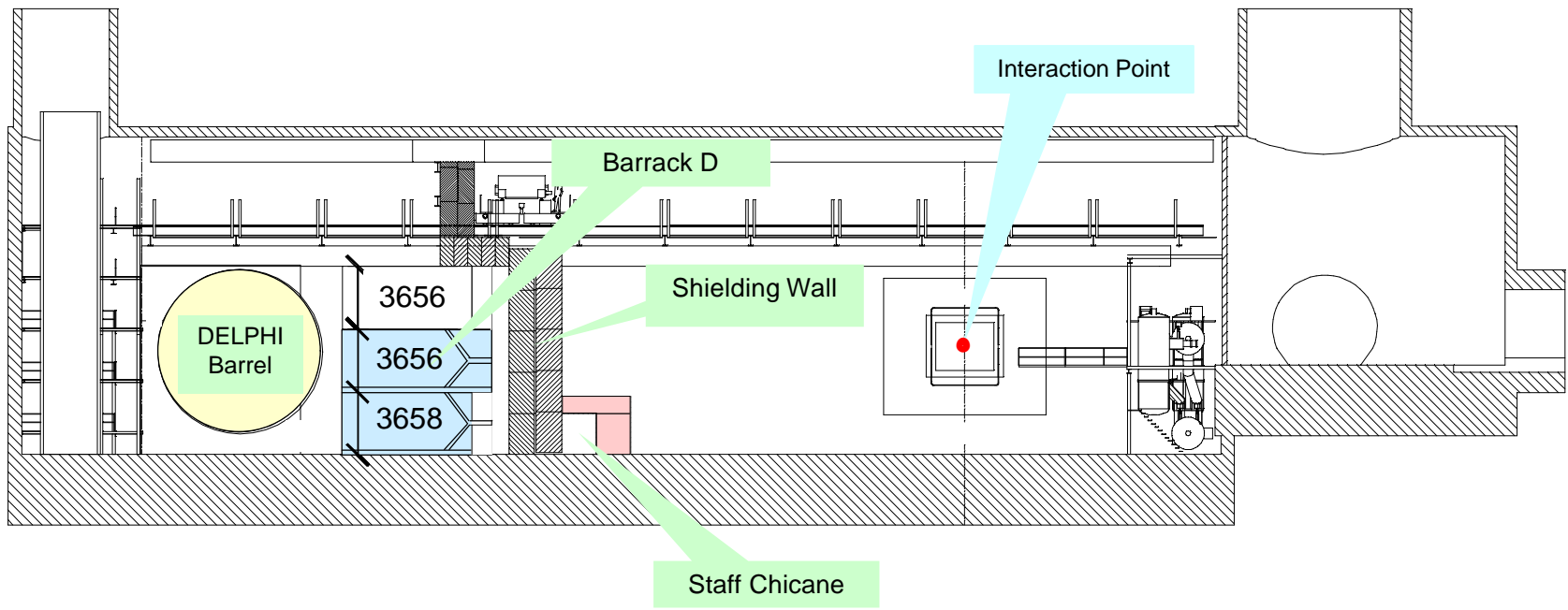
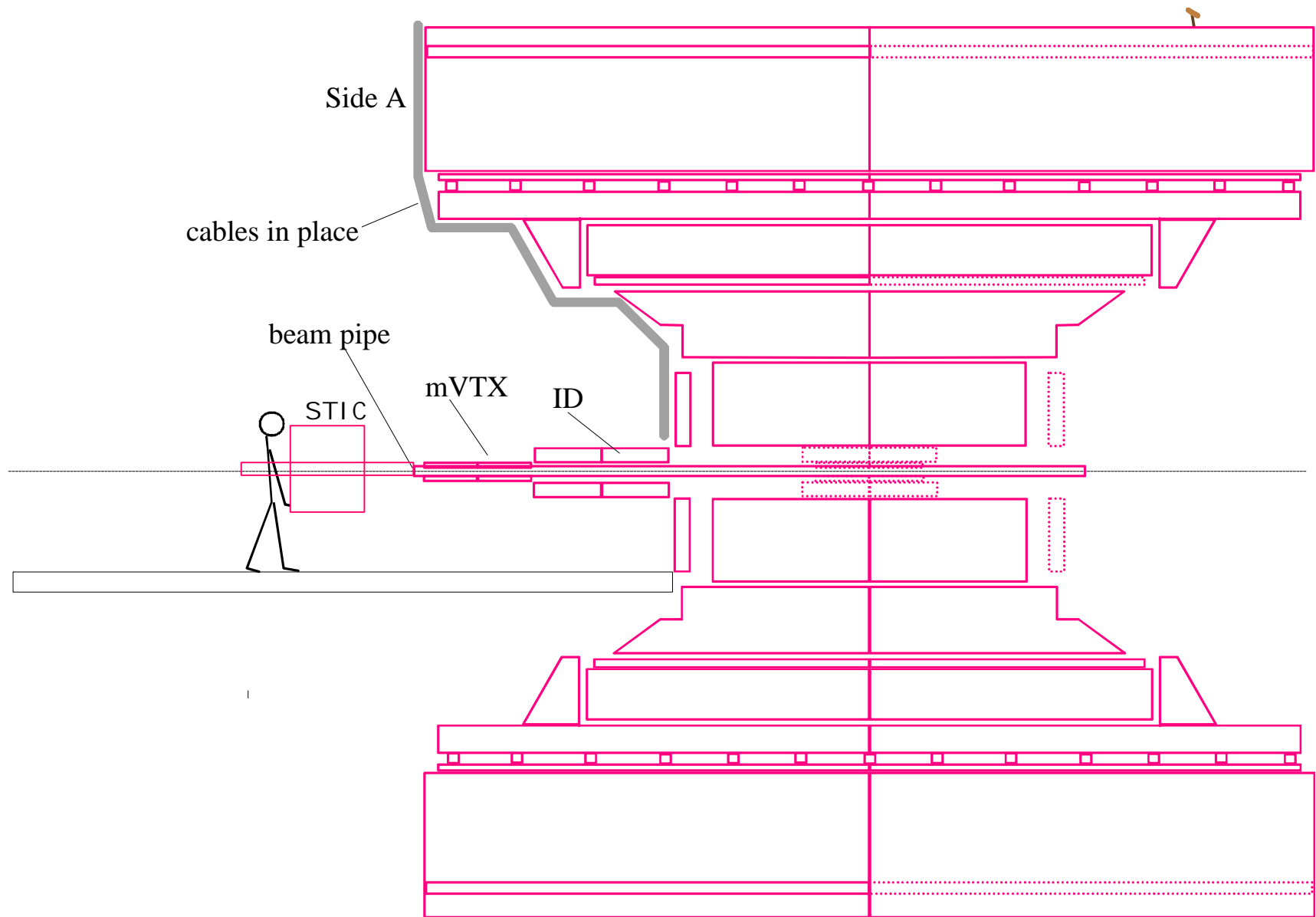
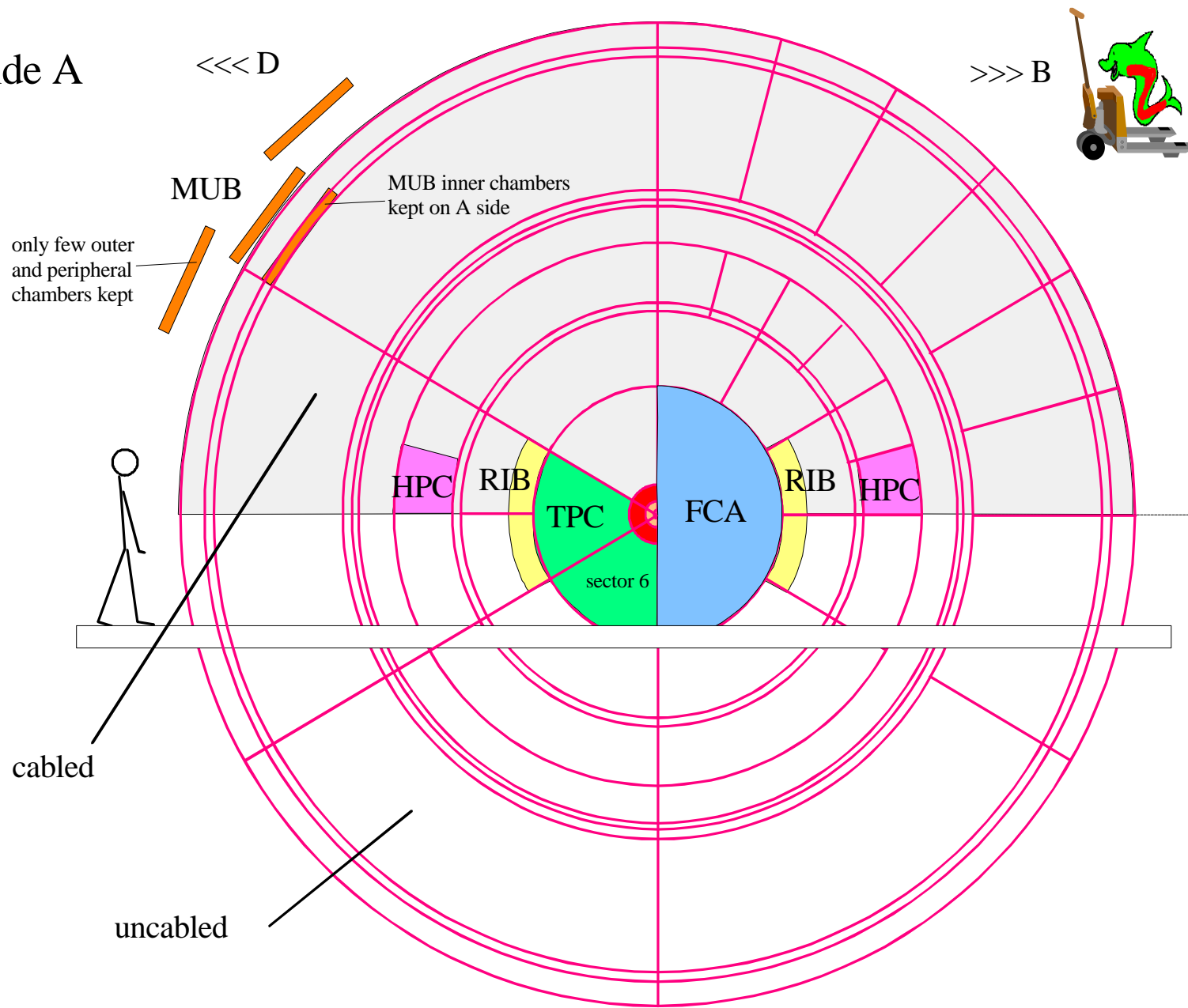


FIG. 2 : SCENARIO FOR SETTING DELPHI BARREL WITH BARRACK D + 1 FLOOR OF B&C AT THE TOP OF D (SIDE VIEW)

LHCb Expt Area 17th August 2000



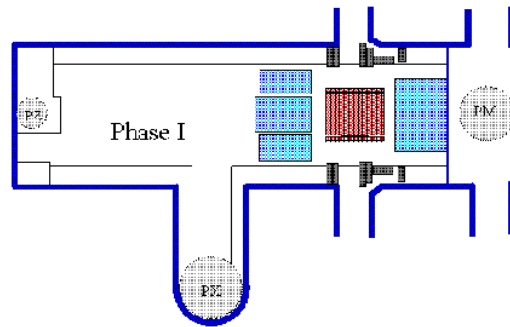
DELPHI, side A



Planning

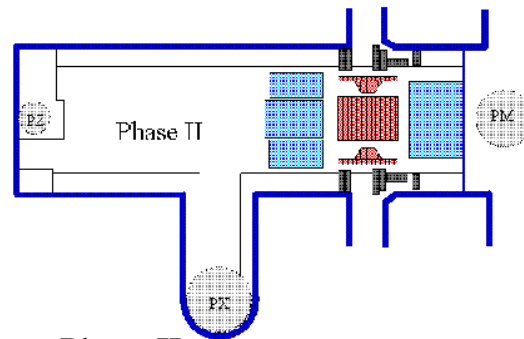


The dismantling is divided up in 7 phases
Each phase corresponds to a different configuration of barrel, endcaps
and coating houses



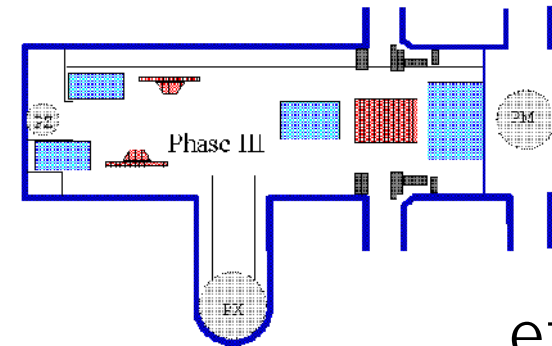
Phase I
week 1

purge flam. gases
demagnetize solenoid
preparatory tasks



Phase II
week 2 - 4

open endcaps
warm up solenoid
dismantle
* Beampipe
* MUB periph. chambers
* STIC
* TAG, LASER
* MVTX
* FCA

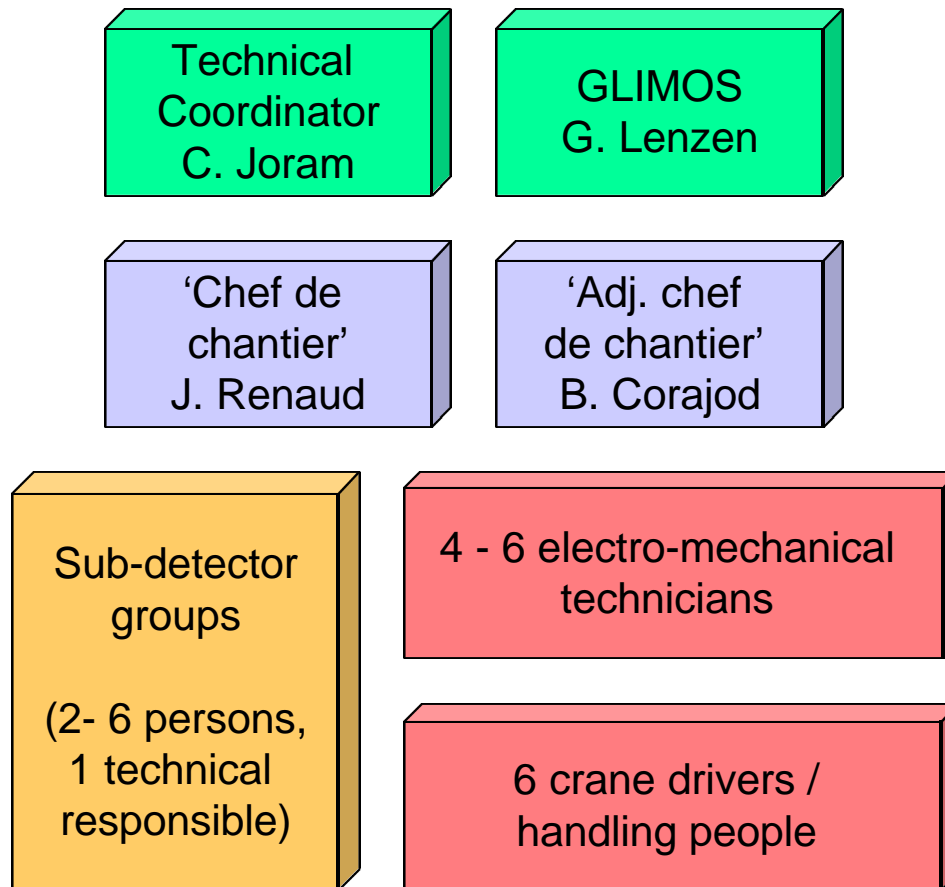


Phase III
week 5 - 8

endcaps in garage position
dismantle
* RIF
* FCB
* FEMC
* MUB outer chambers
* Platf. B4 + Bar. B3

etc...

Organisation of the project



Working hours



7:00 (Mon - Fri) 19:00

Access to UX85

8:00 - 12:00 13:00 - 17:00



Normal working hours

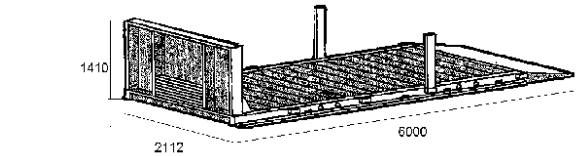
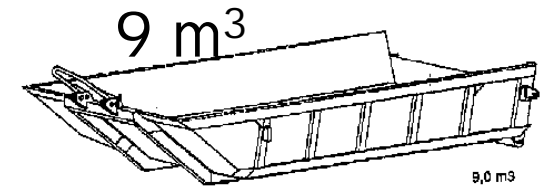
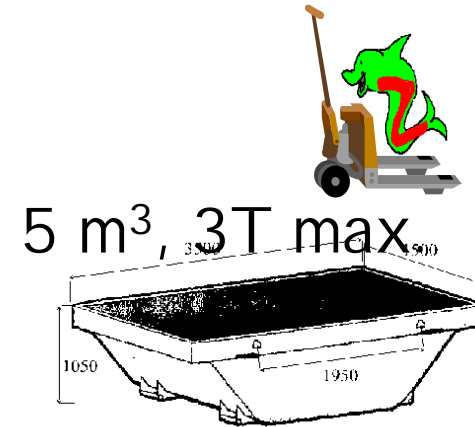
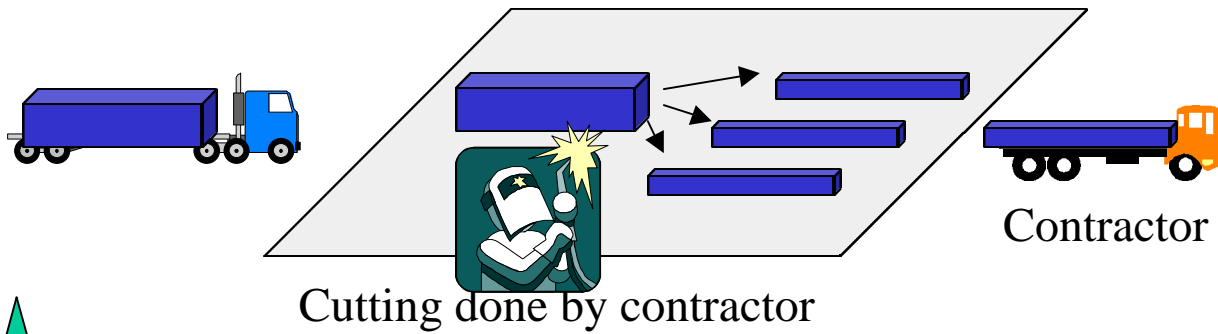
8:00 - 12:00 13:00 - 17:00



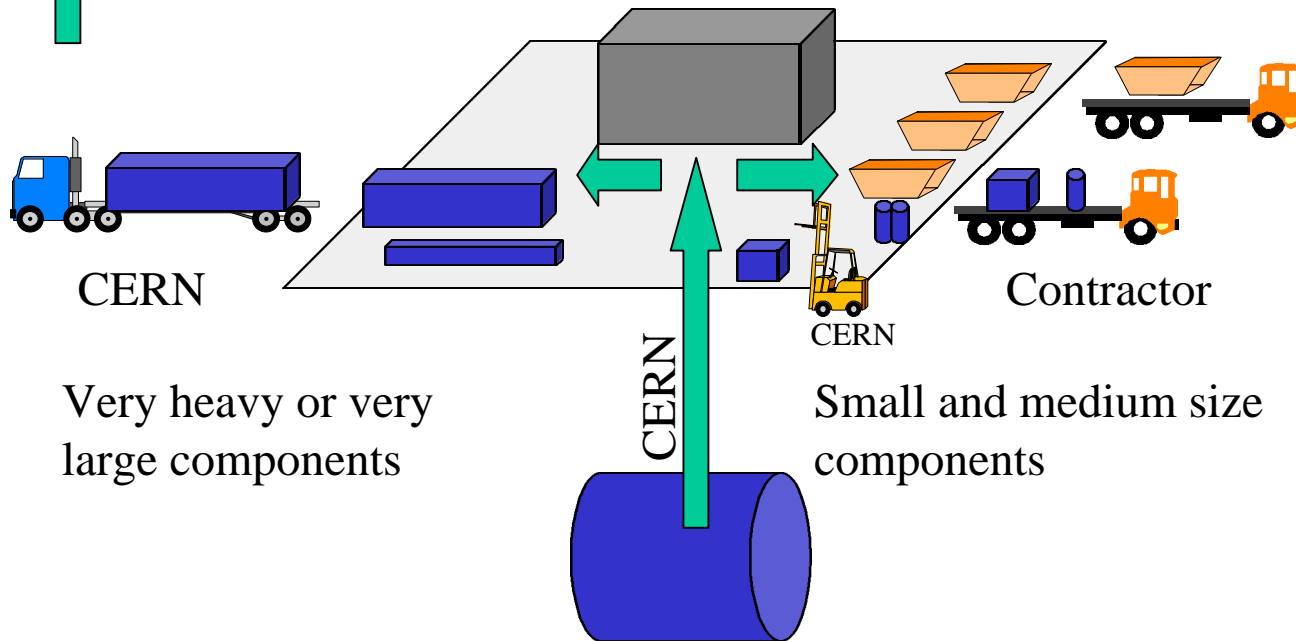
Material removal from UX85

Exceptions to be discussed with GLIMOS.

Cutting zone (Peney)



Experimental site with local transit zone



Tri de materiel pour la vente



Materiel principal	Group	Main material
Salle de comptage	1	Counting rooms
Composite	2	Composite materials
Acier, acier doux	3	Steel, soft steel
Ferrailles diverses	4	Low-grade steel
Cuivre (incl. cables, tuyautrie)	5	Copper (incl. cables / pipes)
Aluminium	6	Aluminium
Verre au plomb	7	Lead Glass
Acier Inox	8	Stainless steel
Racks + circuits electroniques	9	Racks + electronic circuits
Laiton	10	Brass



Some general remarks

- Follow access, I NB, safety rules (helmet, shoes)
- Help to establish good communication between all people
- Be cooperative and flexible

Progress during last week (week 47)



ID	Task Name	Duration	Start	20 Nov '00							27	
				S	M	T	W	T	F	S	S	M
1	SOLENOÏDE - réchauffement	5 days	Mon 20/11/00	[Blue bar]							✓	
2	Solénoïde / N2	1 day	Fri 24/11/00									✓
3	VETO+Fibres optiques - Dép.+ échafaudages	3 days	Tue 21/11/00			[Blue bar]						✓
4	Compt. Pb 40° A + C	3 days	Tue 21/11/00			[Blue bar]						✓
5	VSAT+Câblage STIC Système de ventil.intérieur t	2 days	Thu 23/11/00					[Blue bar]				✓
6	SMC 4 ch sup + 4 ch inf	2 days	Thu 23/11/00					[Blue bar]				✓
7	LASER BOX A + C - Dép.	2 days	Fri 24/11/00							[Blue bar]		✓

Filled with air

only 2 upper chambers removed on A-side. Other chambers follow later with low priority.

Other tasks:

- Drainage of fluids (RI CH, MVTX)
- Removal of gas bottles (some left!)
- Repair of stuck endcap C
- Gas mixers disconnected, at atm. pressure
- + many small things

Problems:

- VSAT came 1 day late. Modules still blocked at traceability station (US85)
- small handling tasks need better coordination (panel with task list)
- loose too much time to get started in the morning

Planning for this week (week 48)



ID	Task Name	Duration	Start	27 Nov '00							4 Dec '00					
				S	M	T	W	T	F	S	S	M	T	W		
10	LASER BOX A + C - Dép.	2 days	Fri 24/11/00													
11	STIC A - Dépose	2 days	Mon 27/11/00													
12	STIC C - Dépose + Réassemblage	2 days	Tue 28/11/00													
13	Retrait SCQs (Déconnexion Ch à vide)	5 days	Mon 27/11/00													
14	Couronnes LASER	1 day	Wed 29/11/00													
15	VERTEX	2 days	Fri 1/12/00													
16	remove FCA	2 days	Tue 5/12/00													
17	MUB Prepare electronics	5 days	Mon 27/11/00													
18	MUB remove peripheral chambers, preparation fc	15 days	Mon 27/11/00													
19																
20	remove central electronics	10 days	Mon 27/11/00													
21	Bouchon PX / Gaine d'extraction	2 days	Mon 27/11/00													
22	Vidange circuits EM-EG-EDem-	2 days	Mon 27/11/00													
23	Dépose tuyauteries EM-EG-EDem / B4-D3	3 days	Wed 29/11/00													

FCA team 1 week early. Will try to shift FCA.

Other tasks:

- remove all gas bottles (A. D'Auria)
- cut all blue distribution racks, also check 200V batterie of Solenoide (P. Carrie)
- remove special power supply from D3 -> (SL/PO)
- Back-up of WDES0 (D. Ruffinoni)
- Cut electricity in SG8 (ST/EL) -> dismantling racks in SG8

Detailed planning integrating FCA in week 48



ID	📅	Task Name	Duration	Start	Sun 26 Nov	Mon 27 Nov	Tue 28 Nov	Wed 29 Nov	Thu 30 Nov	Fri 1 Dec	Sat 2 Dec	Sun 3 Dec	Mon 4 Dec
25		Remove STIC A	0.5 days	Mon 27/11/00		█							
26		Dism. Laserbox C	0.5 days	Mon 27/11/00	█								
27	📅	Prepare STIC C	1 day	Mon 27/11/00		█							
28	📅	Remove STIC C	1 day	Tue 28/11/00			█						
29	📅	uncable grill A (ID, MVTX cables)	1 day	Mon 27/11/00	█								
30	📅	remove laser crown A	0.5 days	Tue 28/11/00			█						
31	📅	remove FCA A	1 day	Tue 28/11/00			█						
32	📅	cut cables grill C	1 day	Wed 29/11/00				█					
33	📅	re-install laser crown A	0.5 days	Wed 29/11/00				█					
34	📅	remove laser crown C	0.5 days	Thu 30/11/00					█				
35	📅	remove FCA C	1 day	Thu 30/11/00					█				
36	📅	prepare extraction MVTX (A)	1 day	Fri 1/12/00						█			
37	📅	extraction MVTX	1 day	Mon 4/12/00									█