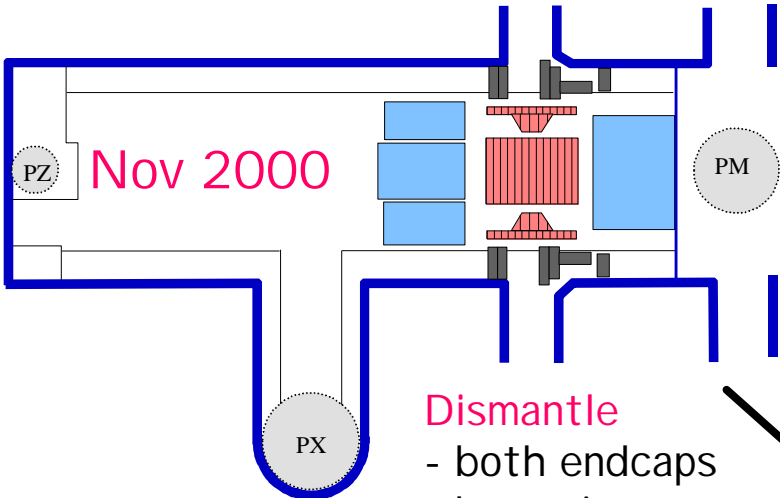


DELPHI Dismantling: It's done !

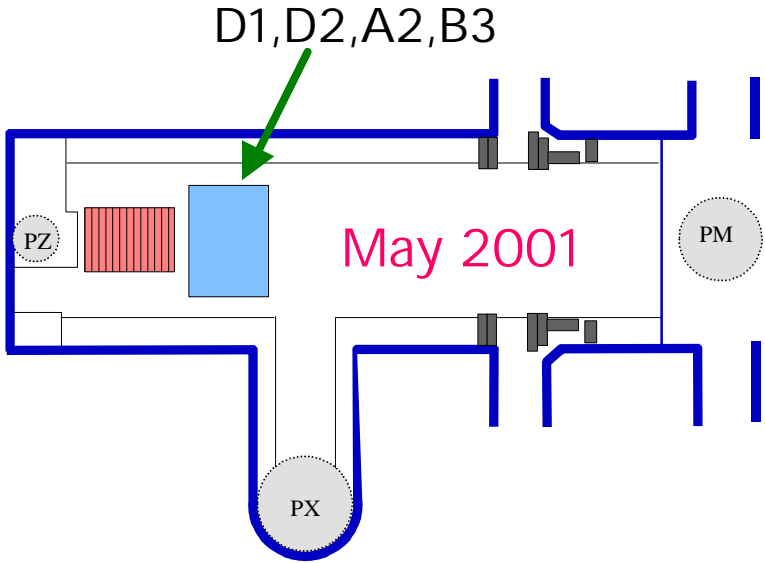


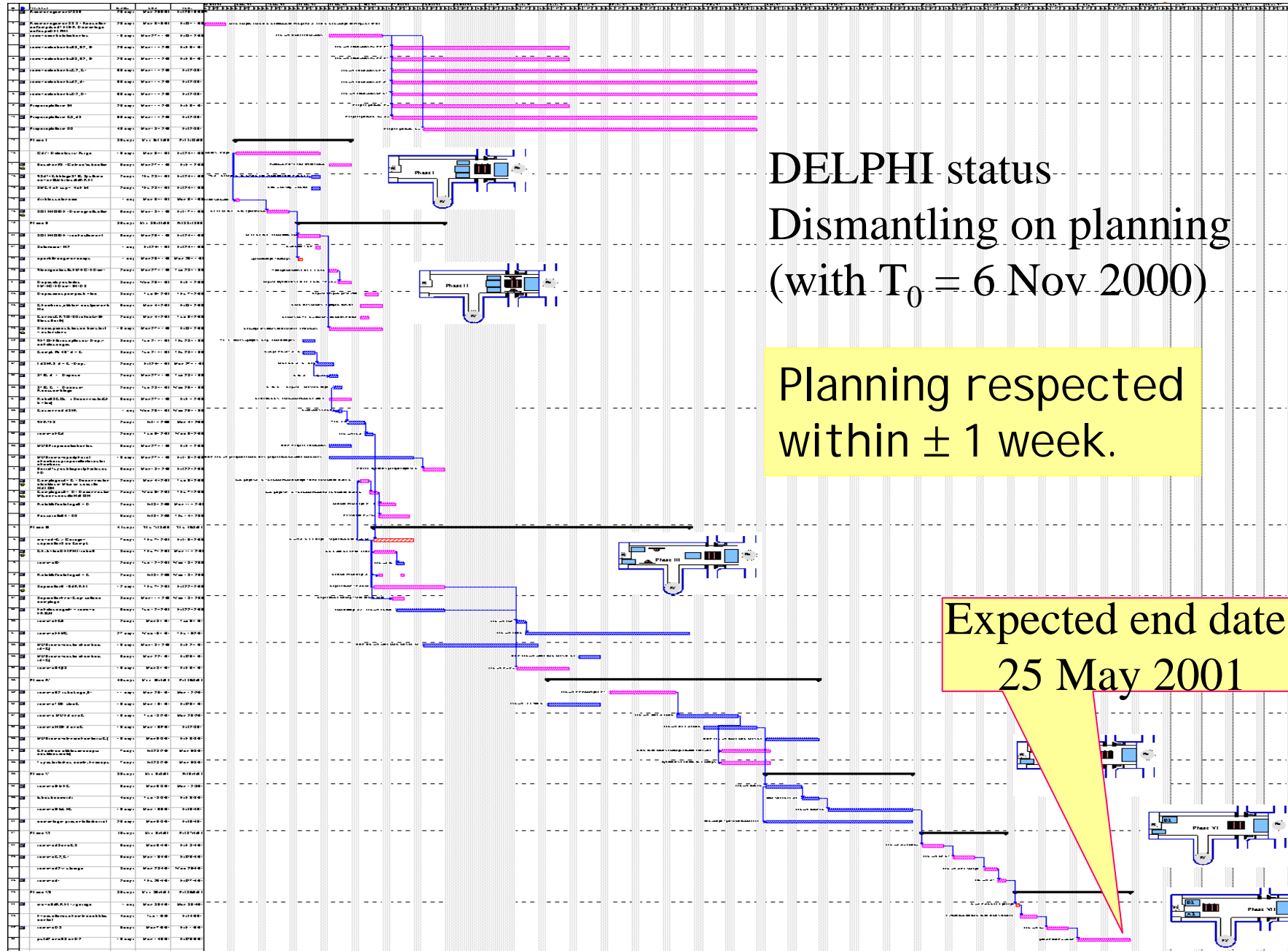
Dismantle

- A1
- C1
- C2
- B4
- B2
- B1
- D3

Dismantle

- both endcaps
- beampipe
- STIC
- VSAT
- MVTX
- FCA
- ID
- TOF
- MUB (major part)
- cables
- pipework





DELPHI status
 Dismantling on planning
 (with $T_0 = 6 \text{ Nov } 2000$)

Planning respected
 within ± 1 week.

Expected end date:
 25 May 2001

Some numbers



≈130 working days

≈1750 man days work

ca. 100.000 video shots

23 dismantling meetings
(between 27 Nov and 14 May)

ca. 300 photos

0 accidents

3 drinks

Expenditure (manpower/tools)
≈ 350 kCHF (more details from Henrik)

0 problems with radioactivity

≈ 1000 tons of sold material
(incl. 85 tons cables/copper)

≈ 170 CERN transports
(incl. 24 heavy load)

≈ 70 replacement of skips

2 lunches
(5 courses)

Expected income from sales
≈ 50 kCHF.

Big compliments to



the pit team:

Jean Renaud + Bernard Corajod

+ 6 crane men (Bleu et al.)

+ 4...7 electro-mechanicians

+ Electronics dismantling team (Philippe G., Andre A.)

+ 2 technicians from LHCb

+ 1 RP technician

+ GLIMOS

+ safety coordinator (John Etheridge)

the detector / university teams:

(FEMC, MUB, MUF, RIF, TOF, TPC, HOF, ID, MVTX, FCB, FCA ...).

Excellent preparation and collaboration !

Some teams (Oxford, Padova) spent a full month in the pit (with 4 people).

What's left

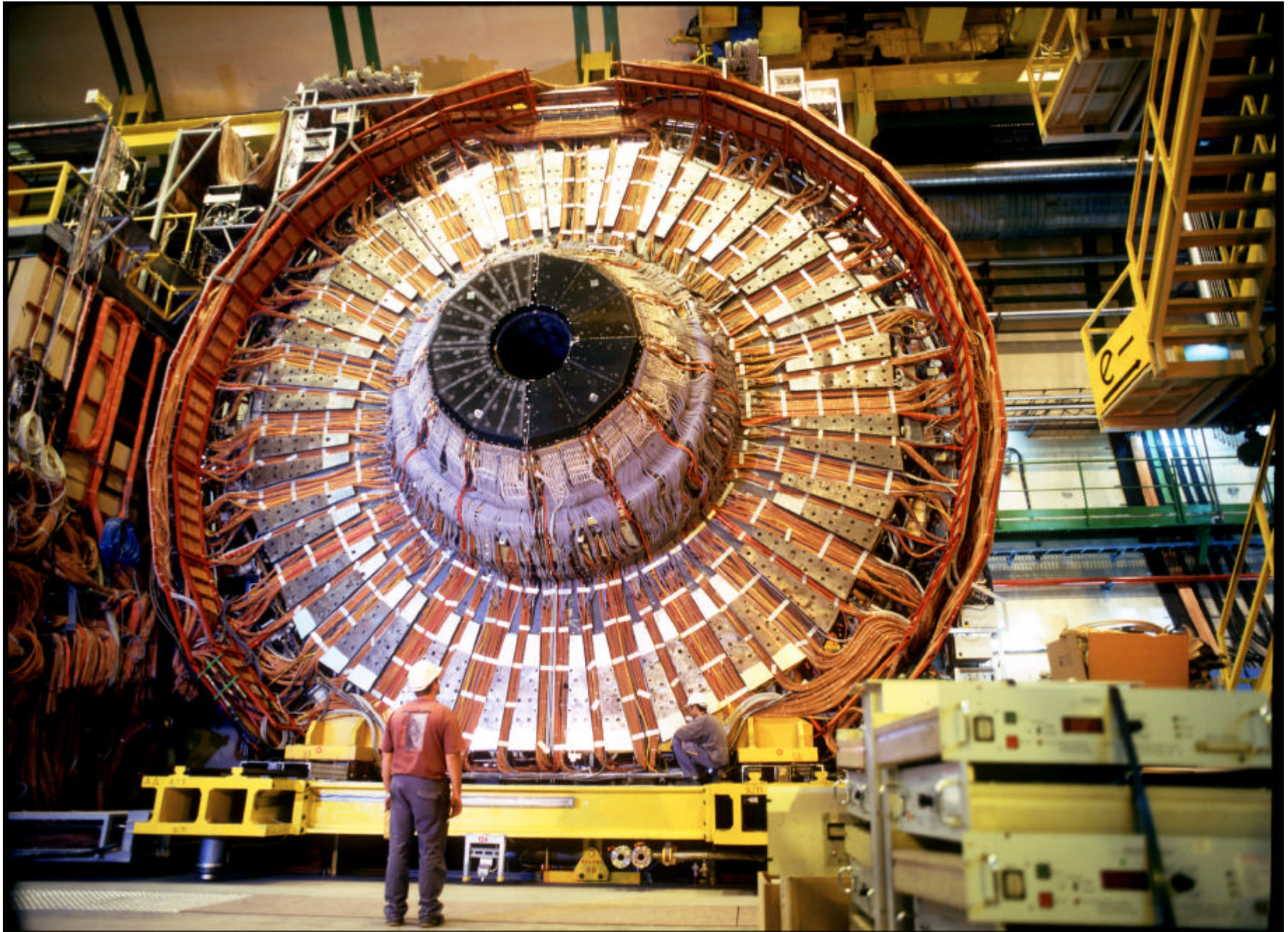


- for the pit team
 - protection of barrel and counting houses against dust (CE).
(in 1-2 weeks, material not available from supplier)
 - removal of remaining material (5 endcap sectors + small items),
within next few weeks
- where you can help... (as last time !)
 - clean up of labs above control room
 - empty your cupboards at the pit
 - empty your barracks on site
 - give back pool electronics on DELPHI budgets
we are paying rent: 9 kCHF every month !

What about the museum project

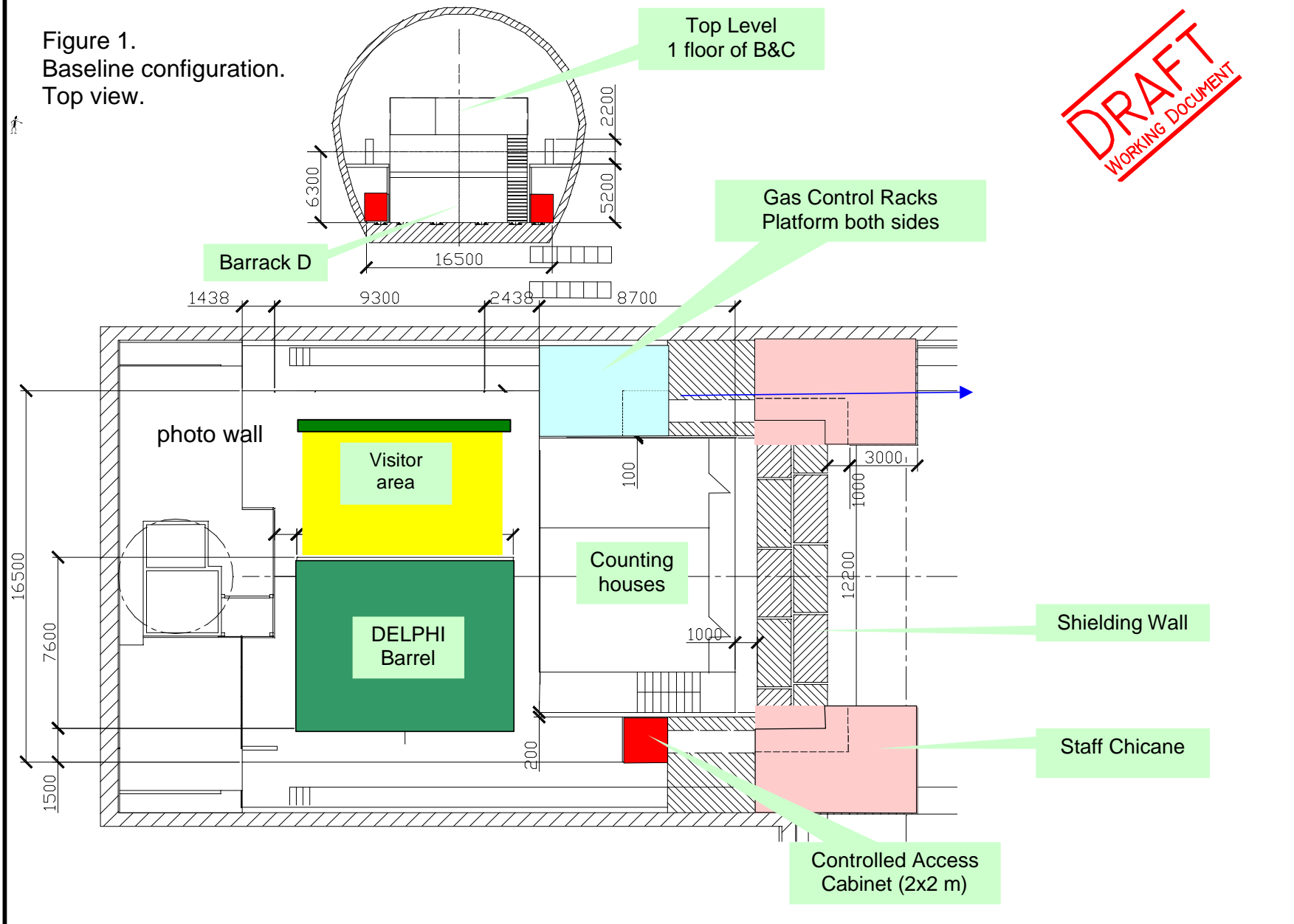


- **Memorandum of Understanding**
agreed by DELPHI , LHCb, visitor service
currently (since 6 weeks!) for consultation with G. Goggi and H. Hoffmann
- **I lluminated full size photowall of endcap**
Price estimate (company Photobition Service, UK) ca. 200 k CHF
can probably become cheaper if we contribute manpower for assembly
- **Displacement of Barrel off rails**
1st Price estimate (company Montalev, FR) ca. 200 k CHF
Expect much cheaper offers !



DELPHI Week, 01-06-2001, C. Joram

Figure 1.
Baseline configuration.
Top view.



Proposed contents of MoU



- DELPHI is responsible for preparation of Barrel. CERN visitor service consults.
- DELPHI is responsible for final positioning of Barrel (off rails).
- CERN is responsible for set-up of site (platform, lighting, photowall, etc.). DELPHI and LHCb consult and approve.
- CERN is responsible for running/maintenance of exposition

- DELPHI describes in detail a final dismantling scenario
- DELPHI provides an inventory of all necessary tools
- CERN is responsible for storage of tools and final dismantling

- Financing: Preparation/positioning (DELPHI +CERN),
Running/maintenance (CERN), Storage/dismantling (CERN)



Preliminary planning

End of dismantling:	June 2001 ✓
End of civil engineering:	April/May 2002
Positioning of Barrel:	June 2002
Preparation of Barrel and set-up of site:	July-Sept 2002
First visits:	Oct 2002

Final dismantling: 201x or never ?

Someone has to coordinate !
Philippe Charpentier accepted this commitment.

Budget for the DELPHI dismantling in view of the EXPO project



	Total dism.	Partial dism.	
	FRC Nov '99	FRC Oct '00	Spent (prel.)
6 crane and transport persons (8.5 months)	CERN	CERN	CERN
5 technicians (electrical + mechanic)	220	220	150 → ≈ 4 technicians
2 technicians (for urgencies)	55	55	/ → not needed
Radioprotection technician	74	74	50 → only 5.5 months
Gas dismounting	40	40	(40)
Special tools	30	30	30
pallets	16	16	10
Mobile crane (10 (5) interventions)	30	15	/ → CERN crane
Lifting solenoid	45	0 (?)	/
Storage tent + area	40	10	16 → asphaltting of 2 zones
Solenoid dismantling (RAL)	30	40	40
Small items (reserve)	20	20	20
Sum (kCHF)	600	520	346
Not included:			
			Income from material sales - 50
			Displacement of Barrel off rails 50

Oct 2000: budget kept on originally proposed level of 600 kCHF.