

Introduction

nToF11 collaboration meeting

March 2005

A.Fabich
CERN AB-ATB

15.-17.March 2005

A.Fabich, CERN AB-ATB

Agenda

date	time	purpose	persons required	room
Tue 15th	10:00-12:15	Cryogenics	F.Haug	304 1-001 B
	13:45-16:00	visit TT2A	P. Carbonez, A. Dorsival, S. Prodon, Y. Bernard, C. Lacroix & everybody interested	ISR/TT2/TT2A
	16:00-17:00	transport		
Wed 16th				
	10:45-12:15	SC/mercury loop	A. Desirelli, J. Gulley	304 1-001 A
	13:45-15:15	SC/power, solenoid	F. Szonczso, F. Corsanego	304 1-001 A
	15:30-17:00	SC/radiation	T. Otto, M.Silari	304 1-001 A
Thu 17th	9:00-10:30	Power supply	C. Martins, K. Kahle	304 1-001 A
	10:45-12:15	other issues	collaboration members	304 1-001 A
	13:45-15:15	mercury loop, diagnostics	J.Letry	304 1-001 A
	15:30-17:00	Summary on safety issues	SC members	304 1-001 A

Official representation

- CERN grey book, experiment database
 - <http://greybook.cern.ch/>
 - See example of other experiments
- According user's office:
 - Contact person: H.Haseroth
- Webpage
 - greybook
 - Experimental (our own)

EXPERIMENTS AT CERN

- INTRODUCTION
- PROGRAMMES
- INDEX TO INSTITUTES
- RESEARCH COMMITTEES
- ACCELERATORS AND BEAMS
- MACHINE SCHEDULES
- EXPERIMENTS UNDER STUDY
- CRITERIA FOR INCLUSION
- CHANGES

Grey book data are maintained by the larger experiments and the
[Users' Office](#)
Grey.Book@cern.ch

These pages have been produced by [IT-AIS-F](#)

NTOF11

Studies of a Target System for a 4-MW, 24-GeV Proton Beam

- ABSTRACT
- FIGURES
- HOME PAGE
- NOTES & PUBLICATIONS

CONTACTPERSON: Jacques LETTRY

Beam:	
Approved:	02-DEC-04
Status:	Preparation

Japan, Tsukuba (Ibaraki-Ken)

[High Energy Accelerator Research Organization \(KEK\)](#) (1 participant(s)) *Team Leader: Helmut HASEROTH*
 Yoshinari HAYATO

Spain, Barcelona

[Universidad Politecnica de Cataluña](#) (4 participant(s)) *Team Leader: Francisco CALVINO*
 Francisco CALVINO, Guillem CORTES ROSSELL, Agusti POCH PARES, Carmen PRETEL

Spain, Sevilla

[Universidad de Sevilla Dept. de Fisica Atómica Molecular y Nuclear](#) (2 participant(s)) *Team Leader: Jose QUESADA*
 Roberto CAPOTE NOY, Manuel LOZANO

Switzerland, Geneve

[European Organization for Nuclear Research \(CERN\)](#) (4 participant(s)) *Team Leader: Jacques LETTRY*
 Luca BRUNO, Adrian FABICH, Helmut HASEROTH, Jacques LETTRY

United Kingdom, Didcot, Oxon

[Rutherford Appleton Laboratory](#) (4 participant(s)) *Team Leader: Helmut HASEROTH*
 Roger BENNETT, Christopher DENSHAM, Paul DRUMM, Thomas EDGECOCK

United States of America, Oak Ridge, Tn

[Oak Ridge National Laboratory \(ORNL\)](#) *Team Leader: Helmut HASEROTH*

United States of America, Princeton, Nj

[Princeton University](#)
[Department of Physics](#)
[Joseph Henry Laboratories](#) (1 participant(s)) *Team Leader: Helmut HASEROTH*
 Kirk MCDONALD

United States of America, Upton, Ny

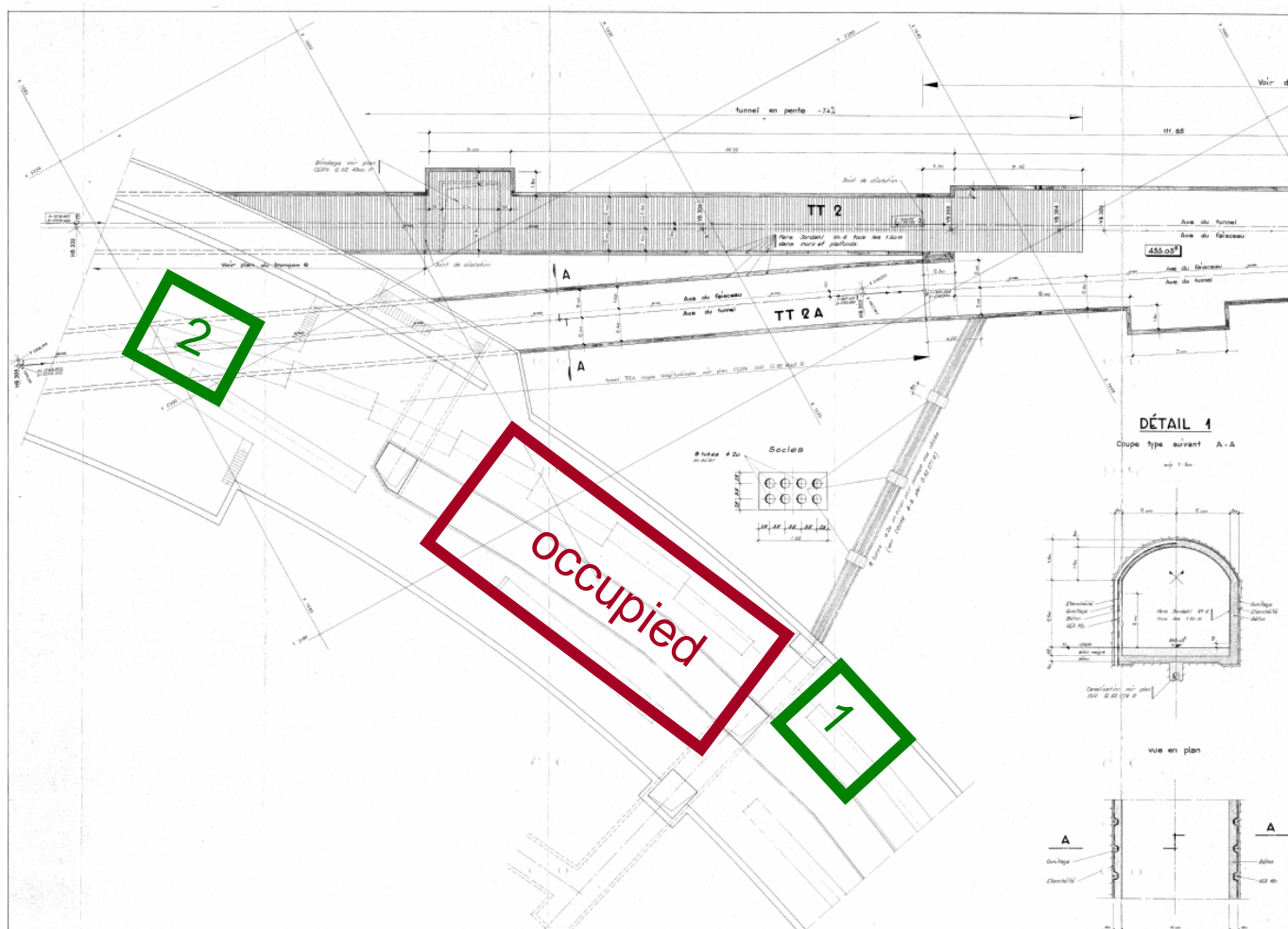
Control Room

- Contacts:

TSO:

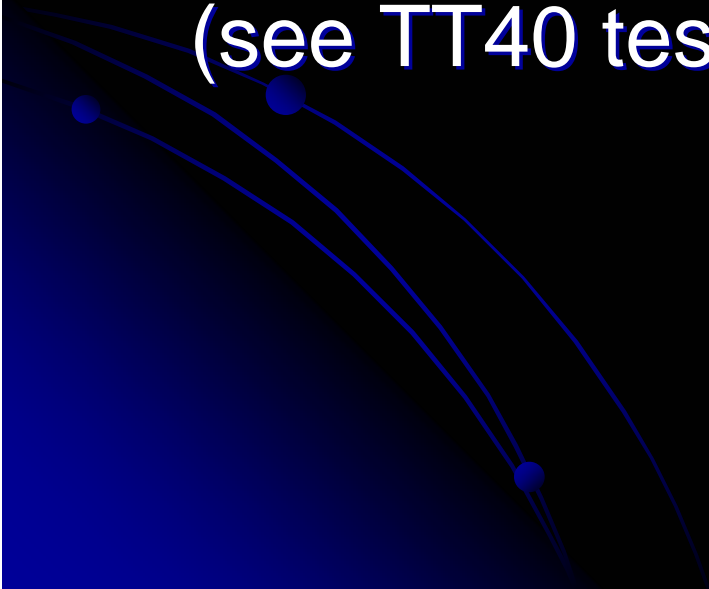
Khud.Dahlerup-Petersen@cern.ch
(next to gallery under ISR)

- Robert.Magnin@cern.ch
(stockage at antrance)



Beam windows

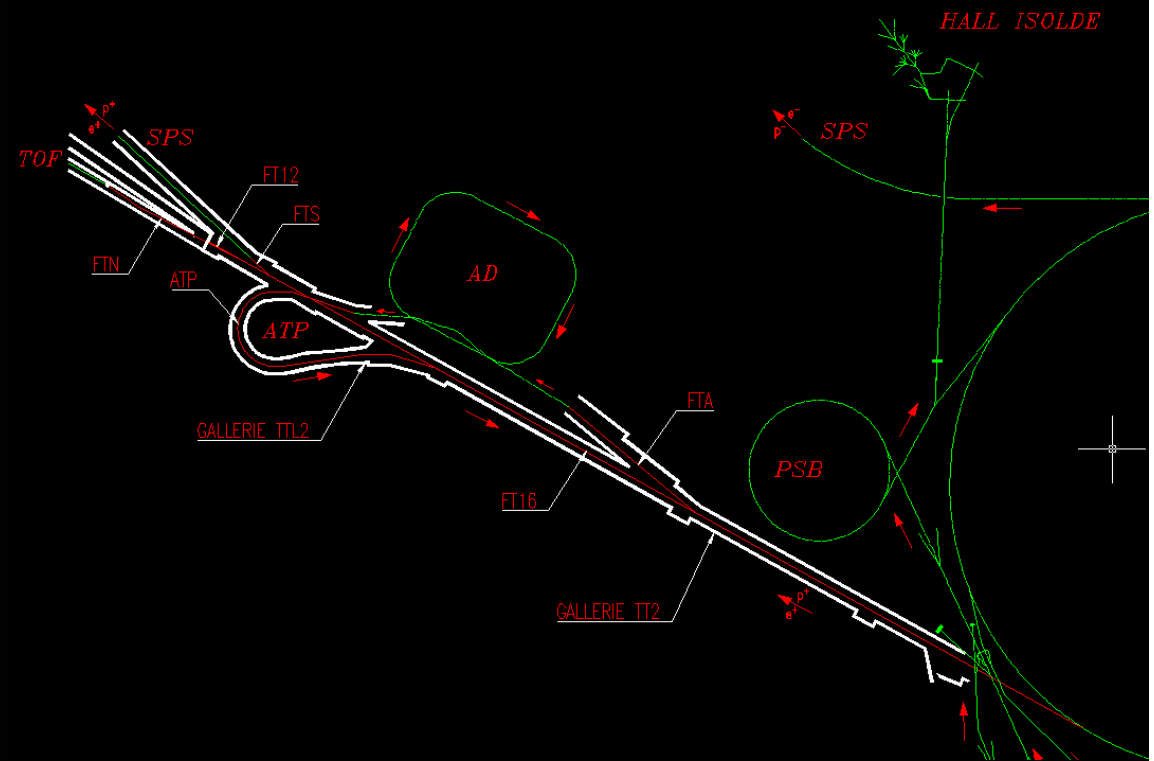
- Deflection by solenoid
- Beam scan on purpose
- Beam spot size at exit/entrance
- Total beam loss; false steering of dipoles
(see TT40 tests)



cryogenics

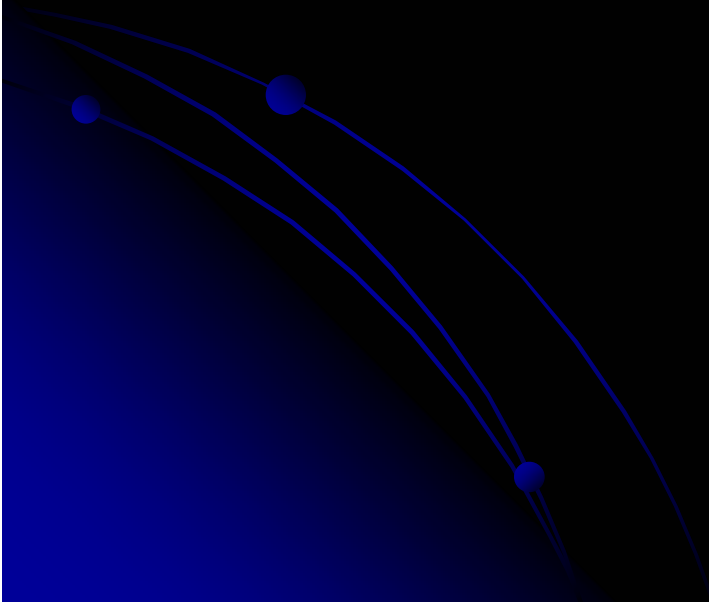
preliminary results from M.Silari et al.:

- basic message
- Ventilate to TT10
 - bg: 3.7 TBq
- Activation of LN2
 - 120 L
 - 3.3 GBq @ 1 min
 - 1.6 GBq @ 10 min
 - 0.5 GBq @ 30 min
- Long-term contribution
 - ~10 ‰ of bg o.k.
 - spikes??
- If nToF running ...



Organizational structure

- Inside
- Outside
 - With persons from CERN groups etc.



Safety

- Definition of GLIMOS
 - General linkman in matters of safety

