Introduction
nToF11 collaboration meeting
March 2005
A. Fabich
CERN AB-ATB
<table>
<thead>
<tr>
<th>date</th>
<th>time</th>
<th>purpose</th>
<th>persons required</th>
<th>room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue 15th</td>
<td>10:00-12:15</td>
<td>Cryogenics</td>
<td>F. Haug</td>
<td>304 1-001 B</td>
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<tr>
<td></td>
<td>13:45-16:00</td>
<td>visit TT2A</td>
<td>P. Carbonez, A. Dorsival, S. Prodon, Y. Bernard, C. Lacroix</td>
<td>ISR/TT2/TT2A</td>
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<tr>
<td></td>
<td>16:00-17:00</td>
<td>transport</td>
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<tr>
<td>Wed 16th</td>
<td>10:45-12:15</td>
<td>SC/mercury loop</td>
<td>A. Desirelli, J. Gulley</td>
<td>304 1-001 A</td>
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<tr>
<td></td>
<td>13:45-15:15</td>
<td>SC/power, solenoid</td>
<td>F. Szoncso, F. Corsanego</td>
<td>304 1-001 A</td>
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<tr>
<td></td>
<td>15:30-17:00</td>
<td>SC/radiation</td>
<td>T. Otto, M. Silari</td>
<td>304 1-001 A</td>
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<tr>
<td>Thu 17th</td>
<td>9:00-10:30</td>
<td>Power supply</td>
<td>C. Martins, K. Kahle</td>
<td>304 1-001 A</td>
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<td>10:45-12:15</td>
<td>other issues</td>
<td>collaboration members</td>
<td>304 1-001 A</td>
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<td></td>
<td>13:45-15:15</td>
<td>mercury loop, diagnostics</td>
<td>J. Lettry</td>
<td>304 1-001 A</td>
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<tr>
<td></td>
<td>15:30-17:00</td>
<td>Summary on safety issues</td>
<td>SC members</td>
<td>304 1-001 A</td>
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</tbody>
</table>
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)
NTOF11

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

CONTACT PERSON: Jacques LETTRY

Japan, Tsukuba (Ibaraki-Ken)
High Energy Accelerator Research Organization (KEK) (1 participant(s))  Team Leader: Helmut HASEROTH
Yosanma HAYATO

Spain, Barcelona
Universidad Politecnica de Catalunya (9 participants)  Team Leader: Francisco CALVINO
Francisco CALVINO, Galan, CORTES ROSELL, Agnek POCH PARES, Carmen PRETIL

Spain, Sevilla
Universidad de Sevilla Dept. de Fisica Atomica Molecular y Nuclear (2 participants)  Team Leader: Jose QUERA
Roberto CAPOTE NOY, Manuel LOZANO

Switzerland, Geneva
European Organization for Nuclear Research (CERN) (4 participants)  Team Leader: Jacques LETTRY
Lucas BRUNO, Adrian FABICH, Helmut HASEROTH, Jacques LETTRY

United Kingdom, Didcot, Oxon
Rutherford Appleton Laboratory (4 participants)  Team Leader: Helmut HASEROTH
Roger BENNETT, Christopher DENSHAM, Paul DRUMM, Thomas EDGEOOK

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: Knud.Dahlerup-Petersen@cern.ch (next to gallery under ISR)
  - Robert.Magnin@cern.ch (stockage at entrance)

Diagram showing areas 1 and 2 and the occupied section.
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)
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