

H2/H4 beam users meeting - preparing the season 2015





Adrian Fabich, CERN EN/MEF



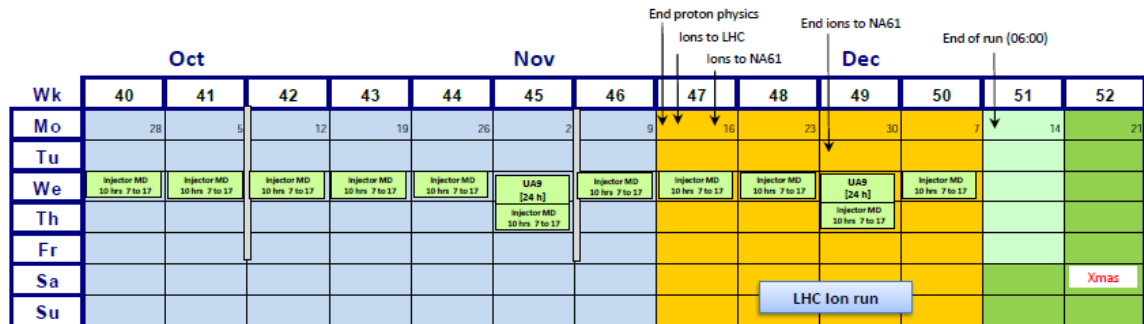
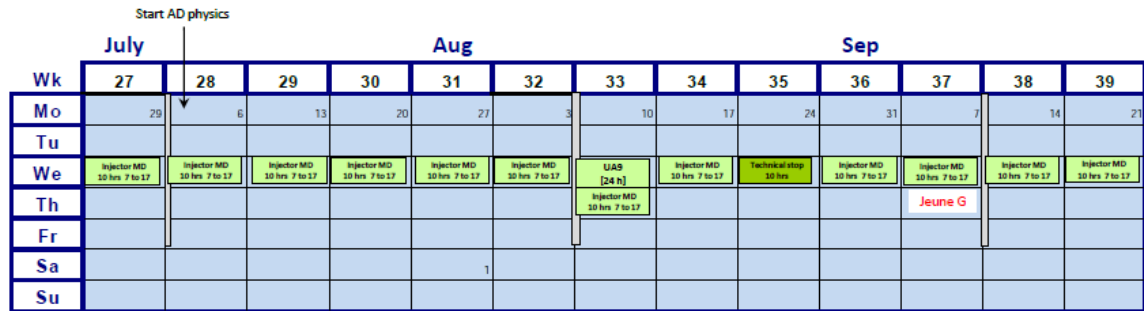
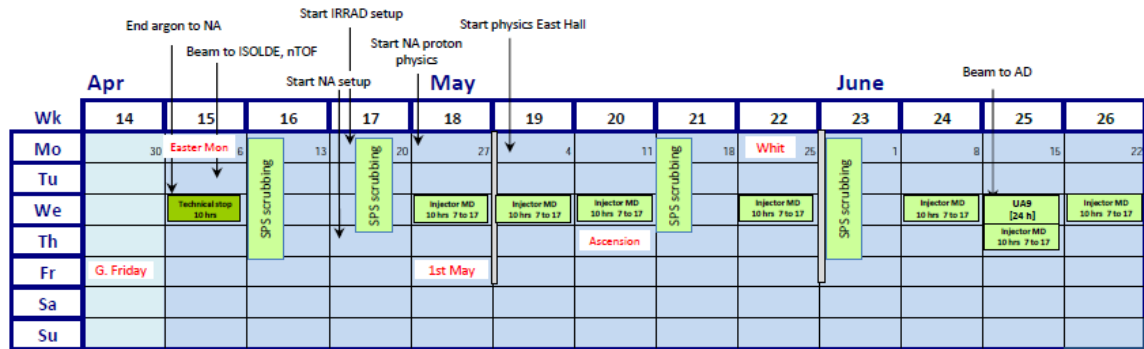
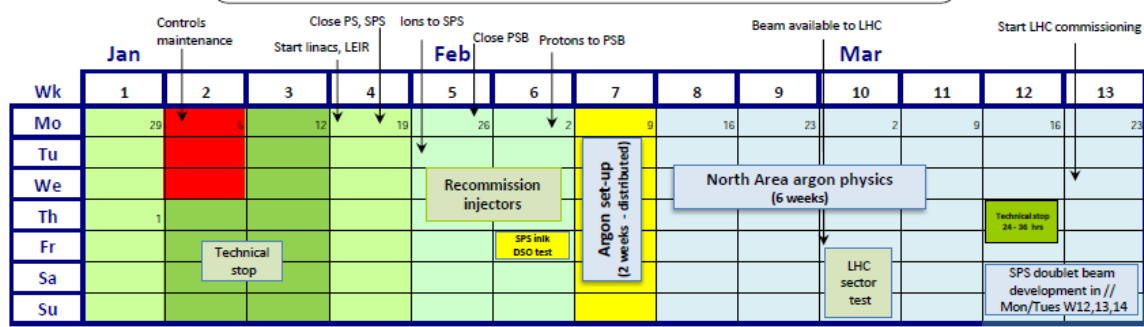
ENGINEERING
DEPARTMENT

Agenda

Wednesday, 15 April 2015

- 13:30 - 13:50 **Overview 20'**
Speaker: Adrian Fabich (CERN)
- 13:50 - 14:00 **MediPix (H2) 10'**
Speakers: Erik Heijne (Czech Technical University (CZ)), Mr. Carlos Granja (Czech Technical University (CZ))
- 14:00 - 14:10 **NA63 (H4) 10'**
Speakers: Ulrik Uggerhoj (Aarhus University (DK)), Tobias Nyholm Wistisen (Aarhus University (DK))
- 14:10 - 14:20 **NA61-SciFi (H2) 10'**
Speaker: Sandro Bravar (Universite de Geneve (CH))
Material: [Slides](#) 
- 14:20 - 14:35 **CMS (H4) 15'**
Speaker: Alexander Singovski (University of Minnesota (US))
- 14:35 - 14:45 **ATLAS ZDC (H2) 10'**
Speaker: Sotiris Vlachos (National Technical Univ. of Athens (GR))
- 14:45 - 14:55 **RD51 (H4) 10'**
Speaker: Yorgos Tsiopolitis (National Technical Univ. of Athens (GR))
- 14:55 - 15:10 **CMS (H2) 15'**
Speaker: Dragoslav-Laza Lazic (Boston University (US))
Material: [Slides](#) 
- 15:10 - 15:20 **RE29-DAMPE (H2) 10'**
Speaker: Xin Wu (Universite de Geneve (CH))
- 15:20 - 15:30 **ALICE ITS (H4) 10'**
Speaker: Paolo Martinengo (CERN)
- 15:30 - 15:40 **Calice (H2) 10'**
Speakers: Felix Sefkow (Deutsches Elektronen-Synchrotron (DE)), Katja Kruger (Deutsches Elektronen-Synchrotron (DE))
- 15:40 - 15:50 **GIF (H4) 10'**
Speakers: Dr. Federico Ravotti (CERN), Roberto Guida (CERN)
- 15:50 - 16:00 **RE22-PANDA (H4) 10'**
Speaker: Daniela Calvo (Universita e INFN (IT))
- 16:00 - 16:10 **SHIP (H2) 10'**
Speaker: Richard Jacobsson (CERN)
- 16:10 - 16:20 **LHCf (H4) 10'**
Speaker: Yoshitaka Ito (Nagoya University (JP))
- 16:20 - 16:30 **CALO CUBE (H4) 10'**
Speaker: Oscar Adriani (Universita e INFN, Firenze (IT))
- 16:30 - 16:40 **RE19-CREAM (H2) 10'**
Speaker: Nicolas Picot-Clemente (University of Maryland (US))
- 16:40 - 16:50 **NUCLEON (H2) 10'**
Speaker: Leonid Tkachev (Joint Inst. for Nuclear Research (RU))
- 16:50 - 17:00 **PHOTAG (H4) 10'**
Speakers: Michela Prest (Universita & INFN, Milano-Bicocca (IT)), Alessandro Berra (Universita & INFN, Milano-Bicocca (IT)), Erik Vallazza (Universita e INFN (IT)), Daniela Lietti (Universita & INFN, Milano-Bicocca (IT))
Material: [Slides](#) 
- 17:00 - 17:10 **CHANNEL (H4) 10'**
Speaker: Prof. Vincenzo Guidi Guidi (University of Ferrara and INFN)
- 17:10 - 17:20 **NA61/SHINE (H2) 10'**
Speaker: Antoni Aduszkiewicz (University of Warsaw (PL))
Material: [Slides](#) 
- 17:20 - 17:30 **P348 (H4) 10'**
Speakers: Sergei Gninenko (Russian Academy of Sciences (RU)), Dipanwita Banerjee (Eidgenoessische Tech. Hochschule Zuerich (CH))
- 17:30 - 17:40 **NA58-ECAL (H4) 10'**
Speaker: Gerhard Mallot (CERN)
- 17:40 - 17:50 **HERD (H4) 10'**
Speaker: Xin Wu (Universite de Geneve (CH))

CERN injector schedule



Schedule – SPS North Area H2/H4



SPS user schedule for 2015

Henric Wilkens

schedule issue date: 26-Mar-2015

Version: 2.0 LHC Exp. PS/SPS Exp. INT Exp. Other Exp.

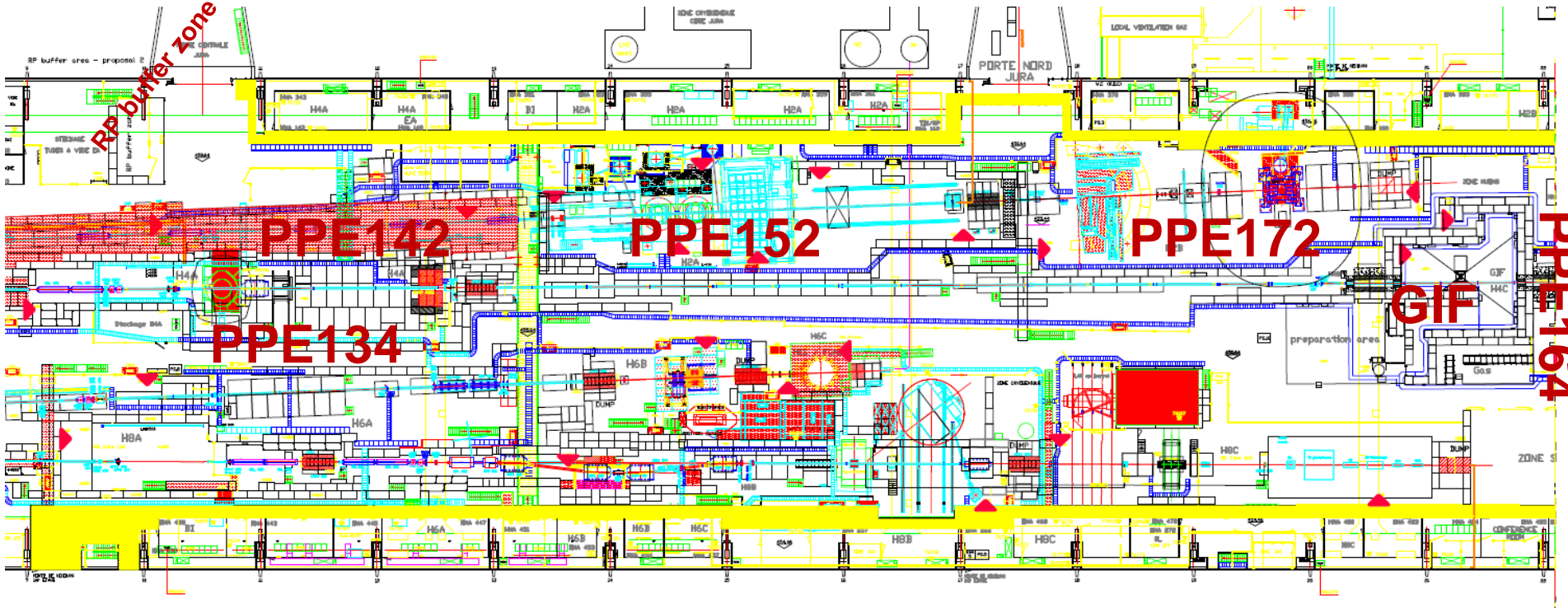
| | | Apr | | Mai | | | | Jun | | | | Jul | | | | Aug | | | | Sep | | | | Oct | | | | Nov | | | | | | | | | | | | | | | | | | | | | |
|---------|--|------------|---------------|----------------|----------------|----------------|----------------|----------------|------------|--------------------|----------------|------------------|-------------------------|----------------------------|--------------------------|---------|-----------------|-----------------|---------|------------------|-------------------|----------------|---------------|--------|----|----|----|-----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Week | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | | | | | | | | | | | | | | | | |
| Machine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 - H2 | | NA Strip 4 | RE29 DAMPE 14 | NA61 (SciFi) 7 | ATLAS ZDC 11 | ISIS1 (part) 4 | ISIS2 (part) 4 | ISIS3 (part) 4 | CMS GRPC 7 | RE29 DAMPE 14 | CMS ECAL 7 | Calice (Ahal) 14 | SHIP CALO 7 | CMS HCAL Upgrade phase2 14 | CMS HE Upgrade phase1 14 | CREAM 7 | NUCLEON 7 | NA61 (SHINE) 56 | | | | CMS ECAL 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T2 - H4 | | NA Strip 4 | NA63 16 | CMS ECAL 15 | ISIS1 (part) 4 | ISIS2 (part) 4 | ISIS3 (part) 4 | RD51 (+GIF) 12 | CMS ECAL 7 | ALICE ITS (+GIF) 7 | RD51 (+GIF) 14 | GIF 7 | RE22 PANDA MVD (+GIF) 7 | LHCf 14 | CaloCube 7 | GIF 14 | PHOTAGCHANNEL 7 | CHANNEL 7 | P348 14 | CMS EB upgrade 9 | CMS EE upgrade 12 | RD51 (+GIF) 14 | NA58 (ECAL) 7 | HERD 5 | | | | | | | | | | | | | | | | | | | | | | | | | |

Preliminary update

| | | Apr | | Mai | | | | Jun | | | | Jul | | | | Aug | | | | Sep | | | | Oct | | | | Nov | | | | | | | | | | | | | | | | | | | | | |
|------------|---------|------------|-----------|----------------|----------------|----------------|----------------|----------------|------------|--------------------|----------------|------------------|-------------------------|----------------------------|--------------------------|---------|-----------------|-----------------|---------|------------------|-------------------|----------------|---------------|--------|----|----|----|-----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Week | | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | | | | | | | | | | | | | | | | |
| Machine | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| North Area | T2 - H2 | NA Strip 4 | Medipix 7 | NA61 (SciFi) 7 | ATLAS ZDC 11 | ISIS1 (part) 4 | ISIS2 (part) 4 | ISIS3 (part) 4 | CMS GRPC 7 | RE29 DAMPE 14 | CMS ECAL 7 | Calice (Ahal) 14 | SHIP CALO 7 | CMS HCAL Upgrade phase2 14 | CMS HE Upgrade phase1 14 | CREAM 7 | NUCLEON 7 | NA61 (SHINE) 56 | | | | CMS ECAL 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | T2 - H4 | NA Strip 4 | NA63 16 | CMS ECAL 15 | ISIS1 (part) 4 | ISIS2 (part) 4 | ISIS3 (part) 4 | RD51 (+GIF) 12 | CMS ECAL 7 | ALICE ITS (+GIF) 7 | RD51 (+GIF) 14 | GIF 7 | RE22 PANDA MVD (+GIF) 7 | LHCf 14 | CaloCube 7 | GIF 14 | PHOTAGCHANNEL 7 | CHANNEL 7 | P348 14 | CMS EB upgrade 9 | CMS EE upgrade 12 | RD51 (+GIF) 14 | NA58 (ECAL) 7 | HERD 5 | | | | | | | | | | | | | | | | | | | | | | | | | |

- optimizing beam changes and collect preparations required for the setup integration.
- With a large number of users/presentation, you are asked sticking to the allocated time slot (presentation and time for a few questions). The proposed information of the slides should contain:
 - Purpose/physics
 - Layout of the setup (and if location known, integration in the beam line)
 - in case of recurring setup, summarizing changes to the last setup only is sufficient.
 - Support/supplies required (preparation area/clean room, exceptional transport requests, spectrometer magnet, high electric power, cryogenics, experimental gases, x/y tables ...)
 - Requested beam parameters as particle type, momenta (range/steps), intensity/spill, purities, spot size/divergence (one information set per indicated per beam slot - e.g. RD51 in)

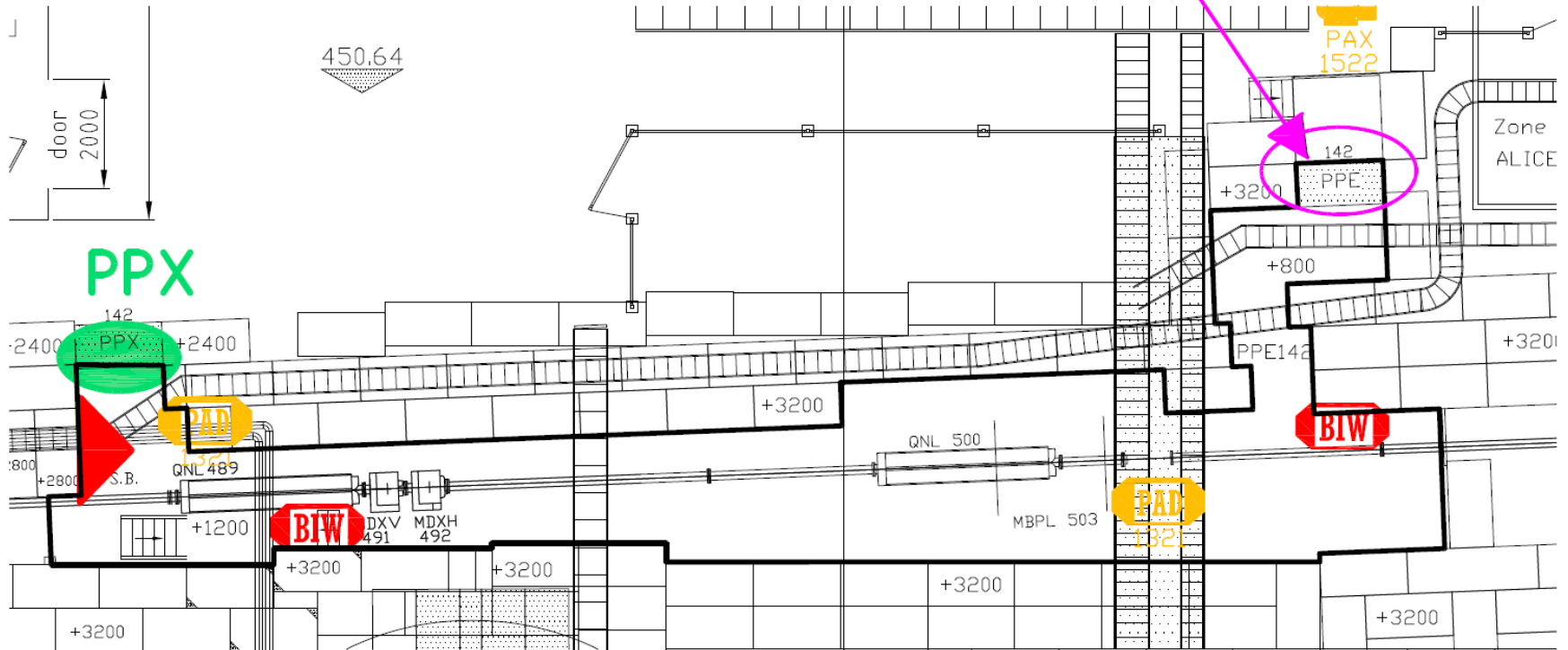
Zone layouts



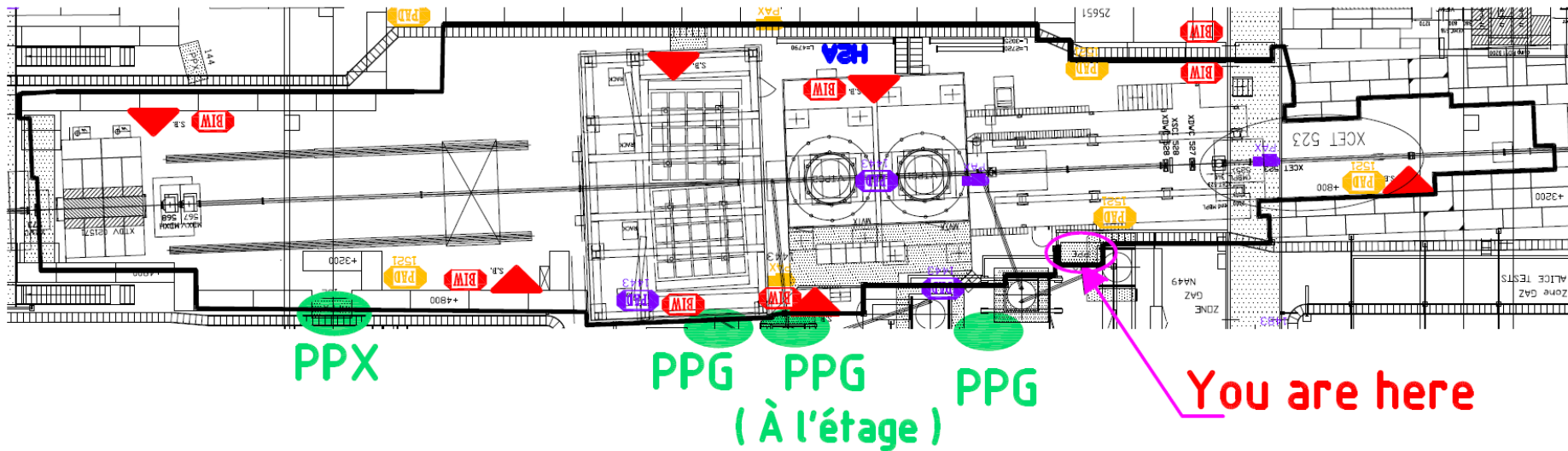
Drawing EDMS SPSXLHN10003

Beam H2 - PPE142

You are here

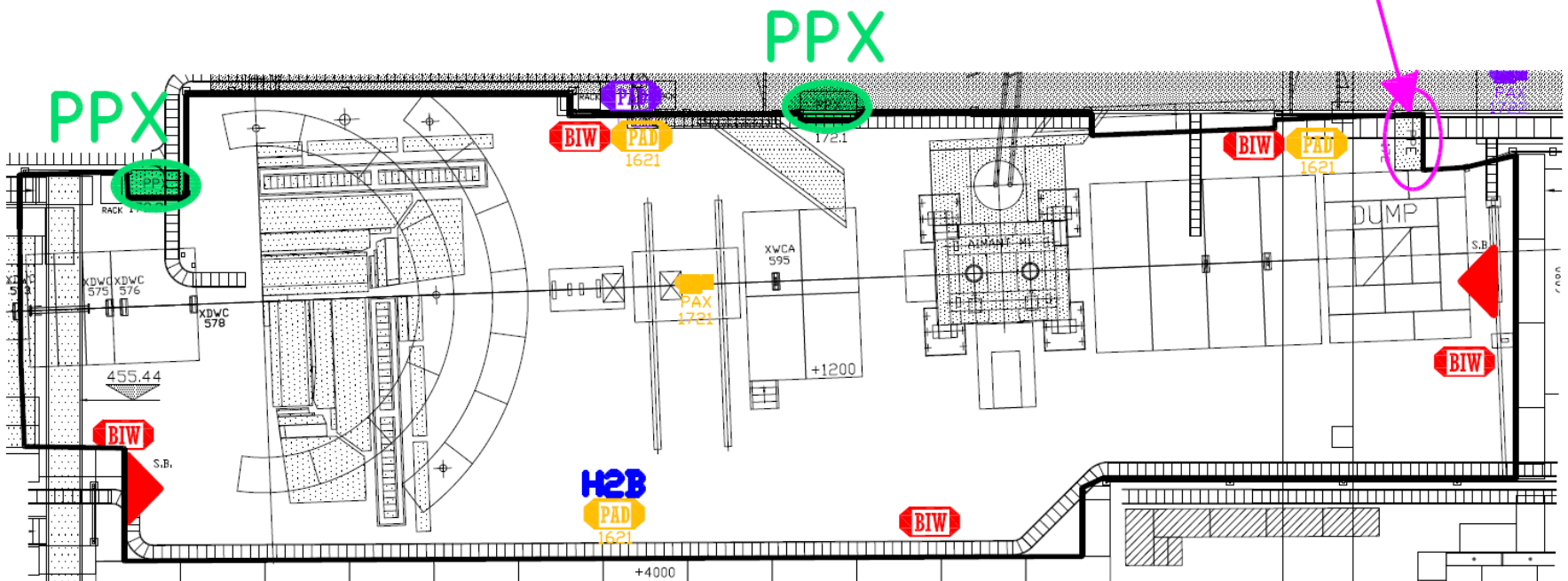


Beam H2 - PPE152

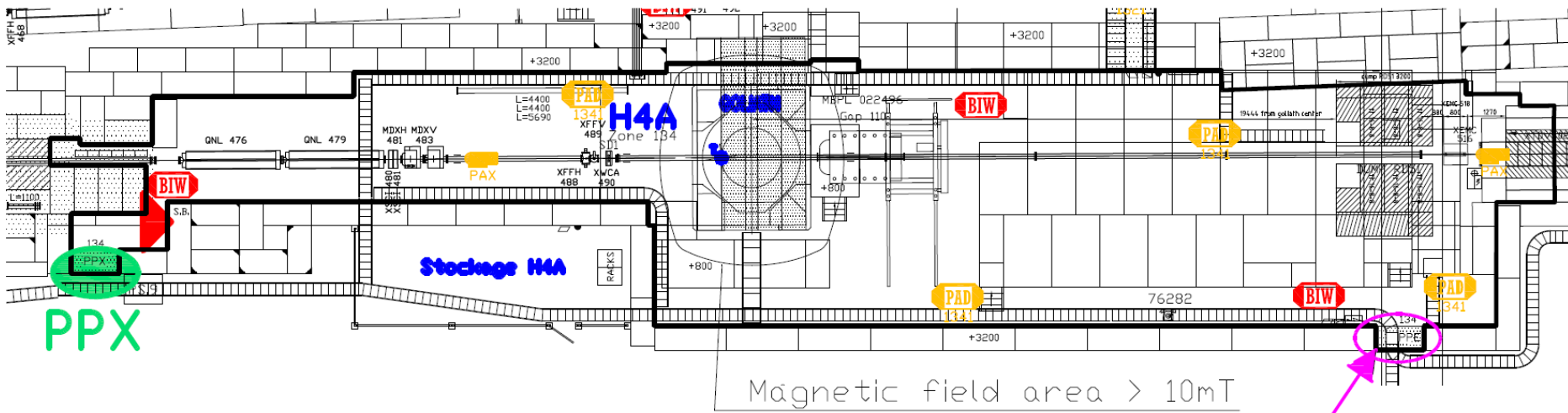


Beam H2 - PPE172

You are here



Beam H4 - PPE134

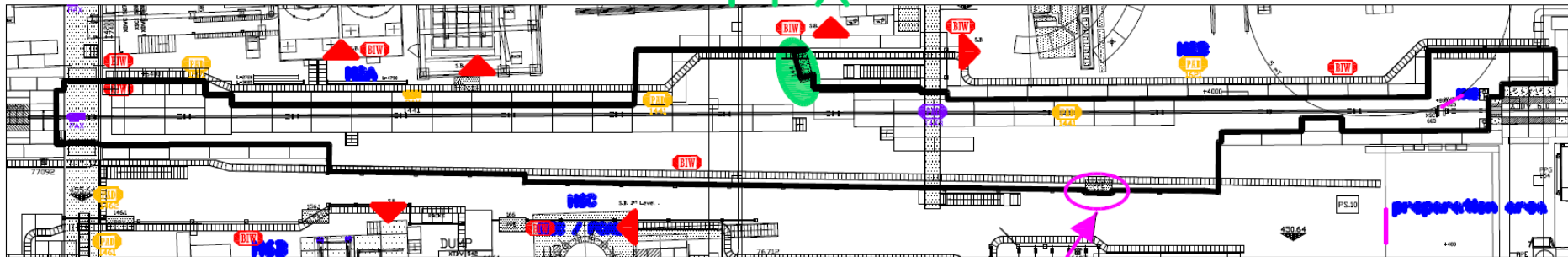


PPX

You are here

Beam H4 - PPE144

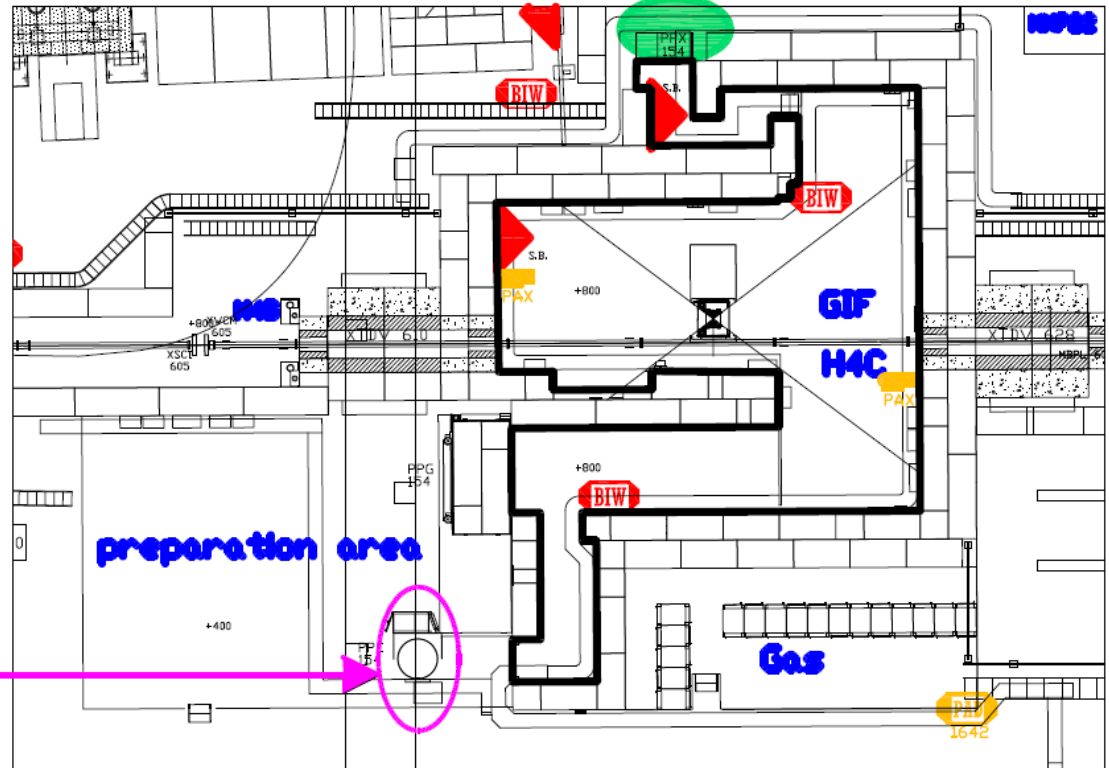
PPX



You are here

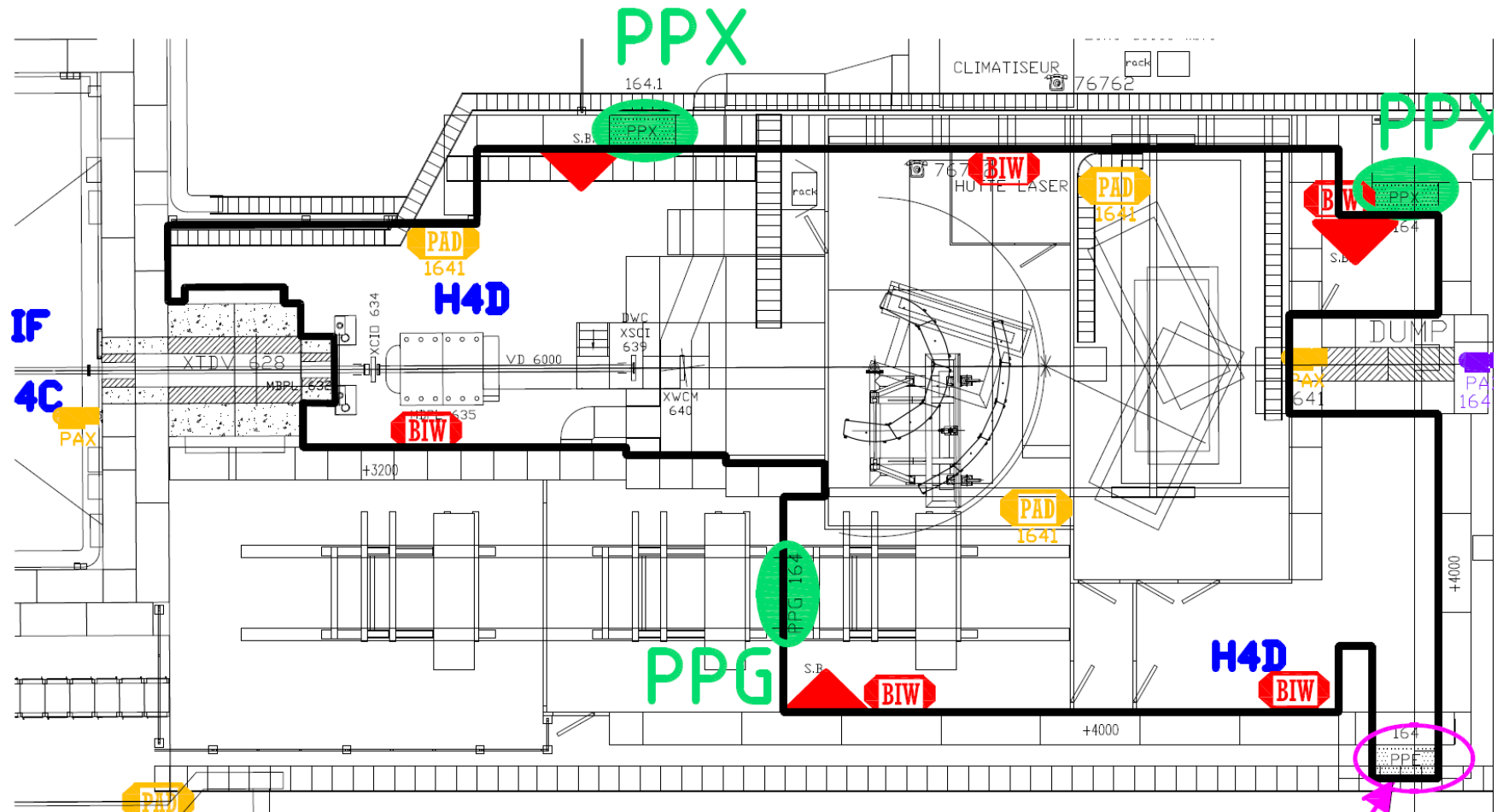
Beam H4 - PPE154 GIF

PPX



You are here

Beam H4 - PPE164



You are here!

Contacts

User mailing lists - <https://cern.ch/e-groups>

- H2 users: H2-users@cern.ch
- H4 users: H4-users@cern.ch

- Experimental installation for users
 - Michael.Jeckel@cern.ch

- Beam line physicists
 - Adrian.Fabich@cern.ch
 - Generally sba-physicists@cern.ch

- Arrival/safety guidelines
 - See <http://cern.ch/sps-schedule/>



ENGINEERING
DEPARTMENT