



# MPS (re-)commissioning post YEST 2015/16

# 2015 Q1/Q2

	Jan				Feb				Mar				
Wk	1	2	3	4	5	6	7	8	9	10	11	12	13
Mo	4	11	18	25	1	8	15	22	29	7	14	21	Easter Mon 28
Tu													
We													
Th													
Fr													
Sa													
Su													

Annotations for Q1/Q2:
 

- Year end technical stop (Th Feb 4-5)
- Powering tests (Mar 10-11)
- Machine checkout (Mar 11)
- Recommissioning with beam (Mar 12-13)
- G. Friday (Mar 12)
- TODAY (Mar 7)
- DSO test (Mar 8)

	Apr		May							June			
Wk	14	15	16	17	18	19	20	21	22	23	24	25	26
Mo	4	11	18	25	2	9	16	23	30	6	13	20	27
Tu													
We													
Th													
Fr													
Sa													
Su													

Annotations for Q2:
 

- Scrubbing (Apr 16)
- Intensity ramp-up / Scrubbing as required (May 17-18)
- Ascension (May 18)
- May Day comp (May 18)
- 1st May (May 18)
- Whit (May 20)
- VdM (May 20)
- beta\* 2.5 km dev. (May 22)
- MD 1 (May 22)
- TS1 (May 23)

- 2.5 weeks of powering tests
- 4 weeks beam commissioning starting mid march, followed by first scrubbing run
- Start of intensity ramp-up, VdM and 2.5km run before TS1

# Status of MPS commissioning procedures

MPS System	MPP presentation	Approval Status
Collimation System	13.05.2014	Released
Injection Protection System	24.10.2014	In work
Beam Interlock System	25.04.2014	In work
Powering Interlock System	31.01.2014	Under approval
Vacuum System	31.10.2014	Sent for approval round
Beam Dump System	21.03./13.05.2014	Updated procedure received
FMCM	31.01.2014	Under approval
BLM System	24.10.2014	Engineering check
Warm Magnet Interlock System	21.02.2014	Under approval
Safe Machine Parameter System	25.04.2014	Updated procedure received
Software Interlock System	31.01.2014	In work
Beam Current Change Monitor	30.01.2015	Draft procedure

- Promised in Evian and Chamonix to approve all procedures ahead of intensity ramp-up → your help is needed!
- Re-validation following YETS changes + regular tests as defined in MPS documents tbc
- Use ACCTESTing for PIC, WIC, FMCM, COLL
- Shared .xls file 'a-la intensity checklist' for remaining systems

# Next...

- Please cross-check and correct/complete 'your' tab in the shared MPS commissioning file:
- MPS\_Commissioing\_2016.xlsx
- Finalize the MPS commissioning docs to have a validated reference