

run ranges for alignment

different run periods (primarily) for tracking

the beamline should be ~constant in these periods

change period when detectors are moved or other significant changes.

CERN AUG 06

=== CHANGE PERIOD === 1

* 11/07/2006: first CERN run (320010, calibs etc) -- period 1

start 30xxxx 31xxxx 320010
end 30xxxx 31xxxx 320349

* 24/07/2006: first beam run (300000, combined, parasitic) -- period 1

start 300000 31xxxx 320355
end 300439 31xxxx 320544

=== CHANGE PERIOD === 2

* 31/08/2006: remove siECAL (~10 am, before 320545 (& 300440<-- rubbish run)) -- period 2

start 300440 31xxxx 320545
end 300440 31xxxx 320706

=== CHANGE PERIOD === same as 1

* 06/09/2006: install ECAL (ecal only runs) -- period 1

start 30xxxx 310029 32xxxxxx
end 30xxxx 310070 32xxxxxx

* 08/09/2006: shut down everything

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25/09/2006: new installation

=== CHANGE PERIOD === 3

* 05/10/2006: first beam data run (320743 muons) -- period 3

start 300441 310074 320743
end 300676 310074 321066

* 20/10/2006: install hodoscope (before 300681 muons) (but behind the calos, says Roman)

start 300677 31xxxx 32xxxx
end 300755 31xxxx 32xxxx

=== CHANGE PERIOD === 4

* 23/10/2006: remove ecal (10am, before 321067) -- period 4

start 300756 31xxxx 321067
end 300760 31xxxx 321111

=== CHANGE PERIOD === same as 3

* 24/10/2006: ecal back (10am before 300770), then muons (parasitic...) -- same as period 3

start 300761 31xxxx 32xxxx
end 300965 31xxxx 32xxxx

30/10/2006: shutdown

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23/06/2007: install SiWECAL

24/06/2007: first run (ahcal gain)

=== CHANGE PERIOD === 5

* 29/06/2007: first beam run (muons 330008)

start 330008 34xxxx 35xxxx
end 330028 34xxxx 35xxxx

* 01/07/2007: 10x10 scint moved 67cm away from ecal (15:52 before 330029) * is this sc1 or sc3??? * * does it mean 67cm further away from ECAL, or to a position 67 cm from ecal??? // i think we ignore this, since it affects only a v small # of muon runs. // assume previous period same as following

start 330029 34xxxx 35xxxx
end 330095 34xxxx 35xxxx

* 04/07/2007: DC voltages changed (DC2 & 3)

start 330096 34xxxx 35xxxx
end 330197 34xxxx 35xxxx

* 08/07/2007: 1x1 (m??) out of beamline

start 330198 34xxxx 35xxxx
end 330213 34xxxx 35xxxx

=== CHANGE PERIOD === 6

* 08/07/2007: remove hodoscope (12:19, before 330215)

start 330214 34xxxx 35xxxx end 330252 34xxxx 35xxxx

* 09/07/2007: install front 100x100 * runs 330254 -> 330263 have 100x100 counter (daniel guesses that 100x100 are between HCAL/TCMT ??, so don;t affect scattering)

start 330254 34xxxx 35xxxx
end 330263 34xxxx 35xxxx

* 09/07/2007: remove 100x100

start 330264 34xxxx 35xxxx
end 330327 34xxxx 35xxxx

* 10/07/2007: remove MWPCs and scintillators (this will change the scattering!!) * probably not the 'CALICE' instrumentation -> ~no change in scattering ** maybe no need to change period...

start 330328 34xxxx 35xxxx
end 330541 34xxxx 35xxxx

* 16/07/2007: remove 100x100 (no change)

start 330543 34xxxx 35xxxx
end 330634 34xxxx 35xxxx

* 18/07/2007: remove 100x100 (no change)

start 330636 34xxxx 35xxxx
end 331663 34xxxx 35xxxx

=== CHANGE PERIOD === same as 5

14/08/2007: install hodoscope

start 331664 34xxxx 35xxxx
end 331686 34xxxx 35xxxx

=== CHANGE PERIOD === 7

15/08/2007: remove SiWECAL (16:00)

start 33xxxx 34xxxx 350096
end 33xxxx 34xxxx 350259

=== CHANGE PERIOD === 8

19/08/2007: remove hodoscope (11:28)

start 33xxxx 34xxxx 350260
end 33xxxx 34xxxx 350404

22/08/2007: *end of second period*

2008 FNAL

25/04/2008: install SiWECAL

=== CHANGE PERIOD === 9

* 30/04/2008: first beam run (combined)

start 500000 51xxxx 52xxxx
end 500149 51xxxx 52xxxx

=== CHANGE PERIOD === 10

* 08/05/2008: remove a DC (DC4, 3rd most upstream)

start 500150 51xxxx 52xxxx
end 500194 51xxxx 52xxxx

* 12/05/2008: DC reinstalled after repair (DC4 in posn 2)

=== CHANGE PERIOD === same as 9

start 500195 510011 520129
end 500468 510016 520159

* 27/05/2008: install 100x100A (after hcal) (100x100B in beamline)

start 500469 51xxxx 52xxxx
end 500482 51xxxx 52xxxx

* 28/05/2008: end of data taking

=== CHANGE PERIOD === same as 9 (?)

* 03/07/2008: first beam run

start 500484 51xxxx 520175
end 500686 51xxxx 520269

* 15/07/2008: 100x100 A mounted in front of TCMT

start 500686 51xxxx 52xxxx
end 500951 51xxxx 52xxxx

=== CHANGE PERIOD === 11

* 27/07/2008: ECAL removed (03:30h, just before run 520282)

start 50xxxx 51xxxx 520282
end 50xxxx 51xxxx 520369

* 02/08/2008: end of run (after run 520369)

=== CHANGE PERIOD === 12

* 04/09/2008: scECAL first run w beam (530003)

start 530000 54xxxx 55xxxx
end 530792 54xxxx 55xxxx

* 30/09/2008: end running (last beam run 530792) parasitic running

start 53xxxx 54xxxx 55xxxx
end 530813 54xxxx 55xxxx

* 01/20/2008: end parasitic running (last parasitic beam run 530813)

2009 FNAL

=== CHANGE PERIOD === 12 (same as before??)

** for 2009 MT6SC2 removed from beamline (not in the scattering calc...)

* 22/04/2009: start beamtime (parasitic, first beam run 560030)

start 560001 57xxxx 580000
end 560247 57xxxx 580007

* 04/05/2009: remove 100x100 (15:00h just before 560249)

start 560249 57xxxx 58xxxx
end 560594 57xxxx 58xxxx

=== CHANGE PERIOD === same as 11

* 20/05/2009: remove scECAL (01:21h, before run 580012)

start 56xxxx 57xxxx 580012
end 56xxxx 57xxxx 580156

* 27/05/2009: end of run (last beam run 580156)

-- DanielJeans - 16-Dec-2010

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