

UA9

MD June 18/19 2009

Emanuele Laface
for the UA9 collaboration

no beam until 1:15 A.M.

beam in coast at 4:20

What works:

The beam

BCT

Fast BCT

Collimator BLMs

Detectors on TAL

Collimator alignment motors

TAL alignment motor

What doesn't work:

SPS BLMs

Wire scanners

Crystal motor for rotation:
it works but seems that the
crystal also moves when it
rotates.

What was measured:

Beam lifetime

Emittance

(in TT2 because the wire scanners don't work)

Tune

Orbit

Position of TAL and crystal after
scraping with the collimator

Repositories:

All measurements but collimator BLMs:

`/user/slops/data/SPS_DATA/MD_DATA/SPS_UA9_19_06_09`

Available from the control room. Everything will be copied in an external directory (AFS or DFS) soon.

Logbook:

<https://ab-dep-op-elogbook.web.cern.ch/ab-dep-op-elogbook/elogbook/elogbook.php>

Log in as NICE user and select SPS.

Timber

<http://www.cern.ch/timber>

I'm not sure that it works outside CERN network.

Collimator BLMs:

ask to Stefano.