

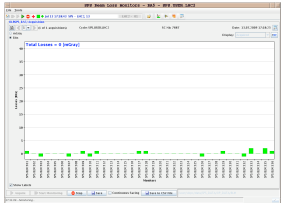

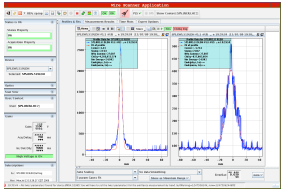
Monday July-2009 3:00pm

SPS

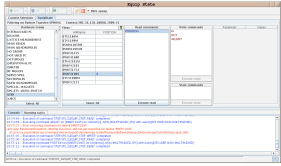
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is logged.


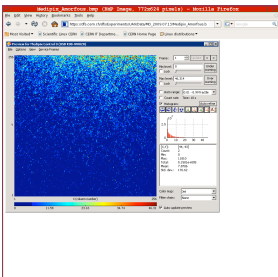
FILTER: Piquets Expert INFO

| # | Time | H C 2 | Comment |
|----|-------|-------------|---|
| 1 | 15:01 | 1 | Stephane, Yannick <small>Created by spsop from cwo-ccc-a5lc</small> |
| 2 | 16:55 | 1 2 | End of UA9 access. Put chain 1 key in beam position. Restarting all the equipments. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 3 | 17:03 | 2 | end of the PS intervention. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 4 | 17:14 | 2 | Checked that the pb observed during the last UA9 MD on the BA5 RING BLM has been solved. The noise is now at the bit level whereas it was up to 1000 on 01/07/09. <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;">BA5 RING BLM.png LSS5 BLM.png</p> <small>Created by spsop from cwo-ccc-a4lc</small> |
| 5 | 17:24 | | Beam back <small>Created by spsop from cwo-ccc-a5lc</small> |
| 6 | 17:32 | | Kurt Weiss has blocked all the fast valves in BA1/BA2/BA4/BA6. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 7 | 17:34 | | Ralph asked to unmask the SIS interlocks: QBM603_04_STATE_OFF and QBM605_06_STATE_OFF (BetaBeat measurements) <small>Created by spsop from cwo-ccc-a7lc</small> |
| 8 | 18:14 | | Stephano has moved the collimator. We masked the SIS statik interlock in BA5 and channel 8 in BA5 on BIS. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 9 | 18:15 | | On request of cristal experiment for doing an access at 18h30, we have stopped the beam. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 10 | 18:20 | | We have put key chain 1 in access mode. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 11 | 18:50 | | For the moment, we are not able to use YASP because a release has been done, and it's not finished. G. Krug will informed us when it will be ok. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 12 | 19:14 | | We have masked in SIS all UA9 LSS5 on the request of Cristal experiment. <small>Created by spsop from cwo-ccc-a7lc</small> |
| 13 | 19:22 | | UA9 starting after replacement gas bottle of gem <small>Created by spsop from CWO-CCC-A2LF</small> |
| 14 | 19:31 | | 1st test of H emittance BU with noise in cycling with noise 2 in Trim Editor.  <p style="text-align: center;">20090713193316.png</p> <small>Created by spsop from cwo-ccc-a5lc</small> |
| 15 | 19:33 | | We put OFF the PC MDSH1197. <small>Created by spsop from cwo-ccc-a7lc</small> |

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|----|-------|--|------------------------------------|
| 16 | 19:46 | We masked in SIS all Gain BLM | Created by spsop from cwo-ccc-a7lc |
| 17 | 19:46 | No octupoles for the blow up | Created by spsop from cwo-ccc-a0lc |
| 18 | 19:48 | BLMs working | Created by spsop from cwo-ccc-a0lc |
| 19 | 19:57 | <p>Screen of the tune H and V</p> <p>Auto Q</p> <p>Some Autosave</p> <p>Saved Data Set to SDDS /user/slops/data/SPS_DATA/MD_DATA/SPS_UA9_13_07_2009/QMeter//BBQ_COAST1_SC8460_13Jul09_20-08-22.sdds.gz</p>  <p>20090713195813.png</p> | Created by spsop from cwo-ccc-a6lc |
| 20 | 19:58 | <p>Meas. of BWS519 during the coast. It was increased since at the beginning we had ~ 1.5 microm and not we ahve ~ 4 micrometers!</p>  <p>20090713195946.png</p> | Created by spsop from cwo-ccc-a5lc |
| 21 | 20:02 | <p>It is now about 5 micrometers.</p>  <p>20090713200229.png</p> | Created by spsop from cwo-ccc-a5lc |
| 22 | 20:15 | <p>It is now ~7 micrometers.</p>  <p>20090713201551.png</p> | |

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| | | | Created by spsop from cwo-ccc-a5lc |
| 23 | 20:15 | Filter on BWS519.  20090713203406.png | Created by spsop from cwo-ccc-a5lc |
| 24 | 20:28 | Mains tripped. After resetting, OK. | Created by spsop from cwo-ccc-a7lc |
| 25 | 21:19 | Collimator+ leftjaw right jaw 6.2 mm -5.1 mm Crystal 2: 75.23 mm | Created by spsop from CWO-CCC-A2LF |
| 26 | 21:19 | TAL aligned at 62.5 mm | Created by spsop from CWO-CCC-A2LF |
| 27 | 21:24 | Key for Hadron stop returned. | Created by spsop from cwo-ccc-a7lc |
| 28 | 21:29 | putting roman pot 2 MEDIPIX Roman pot H1 alignment started looking BLM6 | Created by spsop from CWO-CCC-A2LF |
| 29 | 21:34 | MEDIPIX aligned at 31.6 mm | Created by spsop from CWO-CCC-A2LF |
| 30 | 21:34 | aligning the quartz -> Si linear detector. Starting alignment | Created by spsop from CWO-CCC-A2LF |
| 31 | 21:38 | Quartz aligned at 43.4 mm | Created by spsop from CWO-CCC-A2LF |
| 32 | 21:38 | Aligning the scatterer | Created by spsop from CWO-CCC-A2LF |
| 33 | 21:43 | Scatterer aligned at 51.715 mm | Created by spsop from CWO-CCC-A2LF |
| 34 | 21:44 | retracting everything. Putting the crystal and the TAL. | Created by spsop from CWO-CCC-A2LF |
| 35 | 21:45 | TAL retracted at 59.5 mm to see channelling | Created by spsop from CWO-CCC-A2LF |
| 36 | 21:46 | Putting crystal 2 at 74.569 mm | Created by spsop from CWO-CCC-A2LF |
| 37 | 21:49 | Removing the LHC collimator. | Created by spsop from CWO-CCC-A2LF |
| 38 | 21:49 | There is no blowup with the transverse damper | Created by spsop from CWO-CCC-A2LF |
| 39 | 21:51 | Starting angular scan with crystal 2 | Created by spsop from CWO-CCC-A2LF |
| 40 | 21:54 | Channelling at about 1300 murad | Created by spsop from CWO-CCC-A2LF |
| | | Extremely nice channeling plot! | |

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| 41 | 21:56 |  <p>20090713215639.png</p> | Created by spsop from cwo-ccc-a2lc |
| 42 | 22:00 | Putting the crystal in channelling | Created by spsop from CWO-CCC-A2LF |
| 43 | 22:03 | Channelling with crystal 2 at 1399 murad BLM in autosave | Created by spsop from CWO-CCC-A2LF |
| 44 | 22:04 | Putting the MEDIPIX at about 30 mm -> 30.631 mm finally | Created by spsop from CWO-CCC-A2LF |
| 45 | 22:06 | Retracting the medipix by 3 mm -> 27.723 mm | Created by spsop from CWO-CCC-A2LF |
| 46 | 22:07 | Putting the medipix at 30.136 mm | Created by spsop from CWO-CCC-A2LF |
| 47 | 22:09 | Removing the TAL to see the spot of channelling. Probably after few turns (~4) Medipix image with channel with integration time 10.5 s | Created by spsop from CWO-CCC-A2LF |
| | |  <p>20090713223505.png</p> | |
| 48 | 22:41 | putting crystal in amorphous to compare medipix signal in channelling | Created by spsop from CWO-CCC-A2LF |
| 49 | 22:43 | rotating the crystal to go out from the channelling. -2000 murad not much difference | Created by spsop from CWO-CCC-A2LF |
| | |  <p>20090713225126.png</p> | |
| | | Orbit at 13360 ms | |

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| 50 | 22:47 | <div style="display: flex; justify-content: space-around;">   </div> <p style="text-align: center;">20090713224823.png</p> <p style="text-align: center;">20090713225107.png</p> <p style="text-align: right;">Created by spsop from cwo-ccc-a6lc</p> |
| 51 | 22:51 | <p>Putting back in channelling and TAL. Medipix out</p> <p>TAL = 59.8 mm</p> <p>Scanning the chrystal to go back in channelling</p> <p>Chrystal at 74.57 mm</p> <p style="text-align: right;">Created by spsop from CWO-CCC-A2LF</p> |
| 52 | 22:54 | <p>Redoing the crystal angular scan. Channelling found at about -1300 murad. Putting in channelling for the coincidence for the quartz</p> <p style="text-align: right;">Created by spsop from CWO-CCC-A2LF</p> |

| FAULTS | | | | | | | |
|--------|-------|--------|---------|-------------|---------------------|---------------------|----------|
| # | Group | Fault | Element | Description | Begin | End | Duration |
| 1 | CPS | PS | | | 2009-07-13 14:10:57 | 2009-07-13 17:03:31 | 2:52:34 |
| 2 | OP | Access | UA9 | | 2009-07-13 16:55:07 | 2009-07-13 17:24:16 | 0:29:09 |

