Tuesday 02 December 2014:

Thursday 04 December 2014

Beam type: EASTA\_Clone

2 turns injected into ring 3

Tuesday:

Main motivation was to prove the robustness of the shaving method while using closed bump created with DBSV7 and DBSV9 on the WBS after the realignment of the machine. Clone of the latest EASTA beam was done due to the changes in steering. Unfortunately the shavers were not synchronized. Measurement were rescheduled for Thursday.

Despite of the active orbit correction, losses occur in period 9. An attempt was made to maximize the losses on WBS and minimize the losses in period 9, however without changing the correction scheme, one has no power to impact the losses in period 9.

Measurements needed to be repeated with the synchronized shavers.

Thursday:

MD were performed at the 65 MeV ramp. The goal was to reproduce the existing shaving in operation with the WBS shavers. Intensity, emittances and orbit were measured. Shaving efficiency were observed for the different current in range of 3.7 up to 4.1A (increase in current in reference to the previous MDs due to the active orbit correction) at DBSV7 and DBSV9. The results are planned to be presented soon.

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