

Monthly L2 Status Report -

WBS: 04.01 - MICE

11 September 2015
Presenter: Dan Kaplan



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| <p><u>Milestone Status (Progress)</u></p> <ul style="list-style-type: none">• Data taken in June (field-off) and July (partial field downstream tracker)• C&M:<ul style="list-style-type: none">– Magnet state machines & integration in Run Control• DAQ & Software:<ul style="list-style-type: none">– Trackers successfully read out– June & July reconstructed on GRID | <p><u>Resource Conflicts, Plan Changes and Issues</u></p> <p><u>Late Items</u></p> |
| <p><u>Summary of Previous Month</u></p> <ul style="list-style-type: none">• <i>C&M</i>: Long-standing Instability in run control identified, new framework being implemented• <i>Trackers</i>: readout improvements to trap corruption/errors tested during mock run Sep 8• <i>Software</i>: Ckov MC & digitization implemented in MAUS• Analysis of June/July data in progress (Tracker, EMR, PID...)• Ready batch Monte Carlo simulation of recent runs | <p><u>Quarterly Plans</u></p> <ul style="list-style-type: none">• Complete tracker commissioning & optimize reconstruction• Magnet training• C&M: Completion of Run Control• C&M: Completion of Run Control integration w/ new framework• Take data |
| <p><u>Upcoming Work (Next Month)</u></p> <ul style="list-style-type: none">• Magnet training• Tracker:<ul style="list-style-type: none">– Finalize timing of DS Tracker (requires beam)– Debugging, optimization of track reconstruction• Implementation of ROOT-based online reconstruction display• Monte Carlo simulation & validation• C&M: Magnet integration with RC• C&M: Implementation of C-based API for RC to improve stability | |