

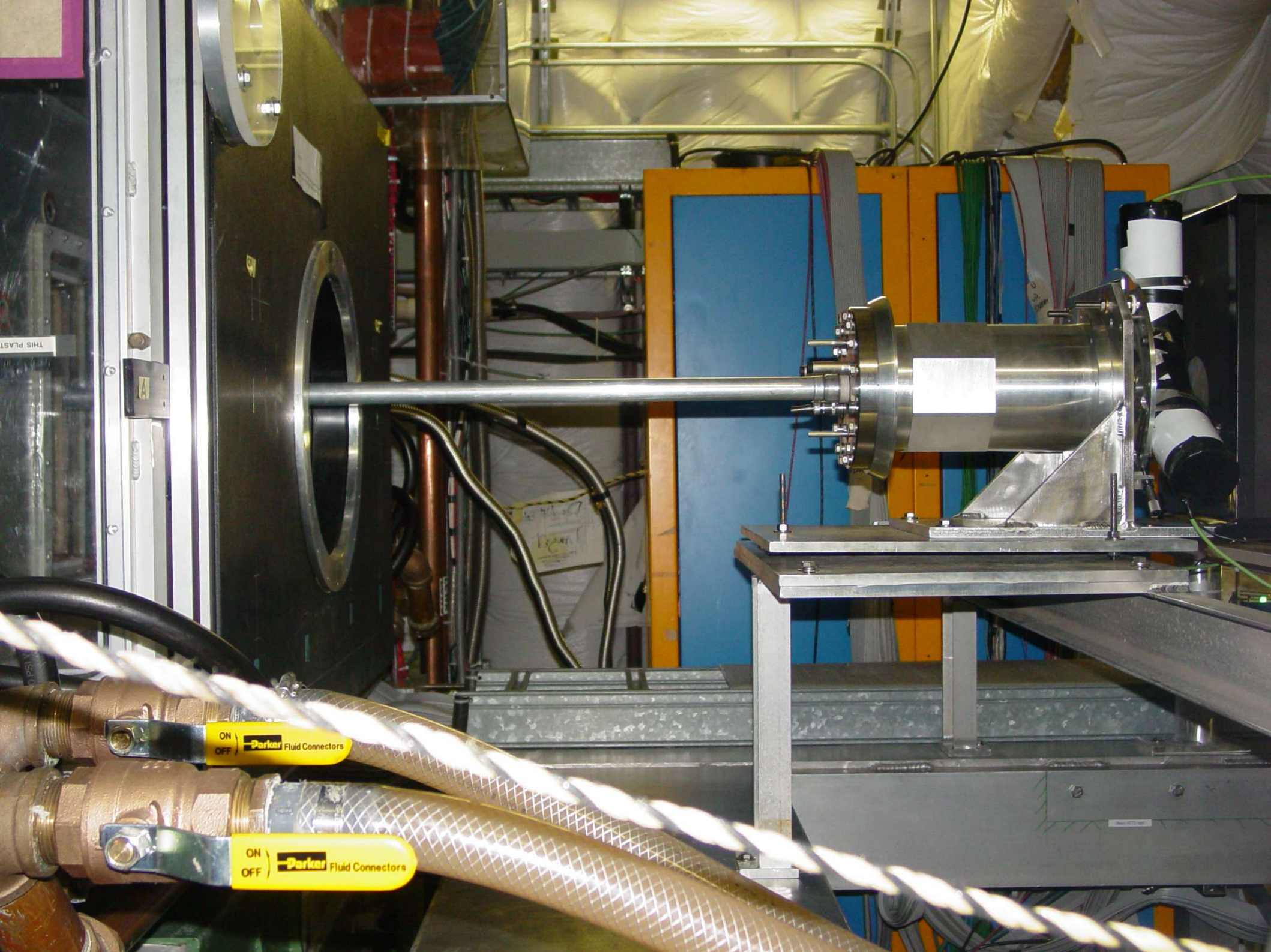
MIPP Status

Holger Meyer
Fermilab All Experimenters' Meeting
6/13/05

- Shutdown work
 - NuMI target
 - Pin-hole collimator
 - ...

MIPP NuMI target installation

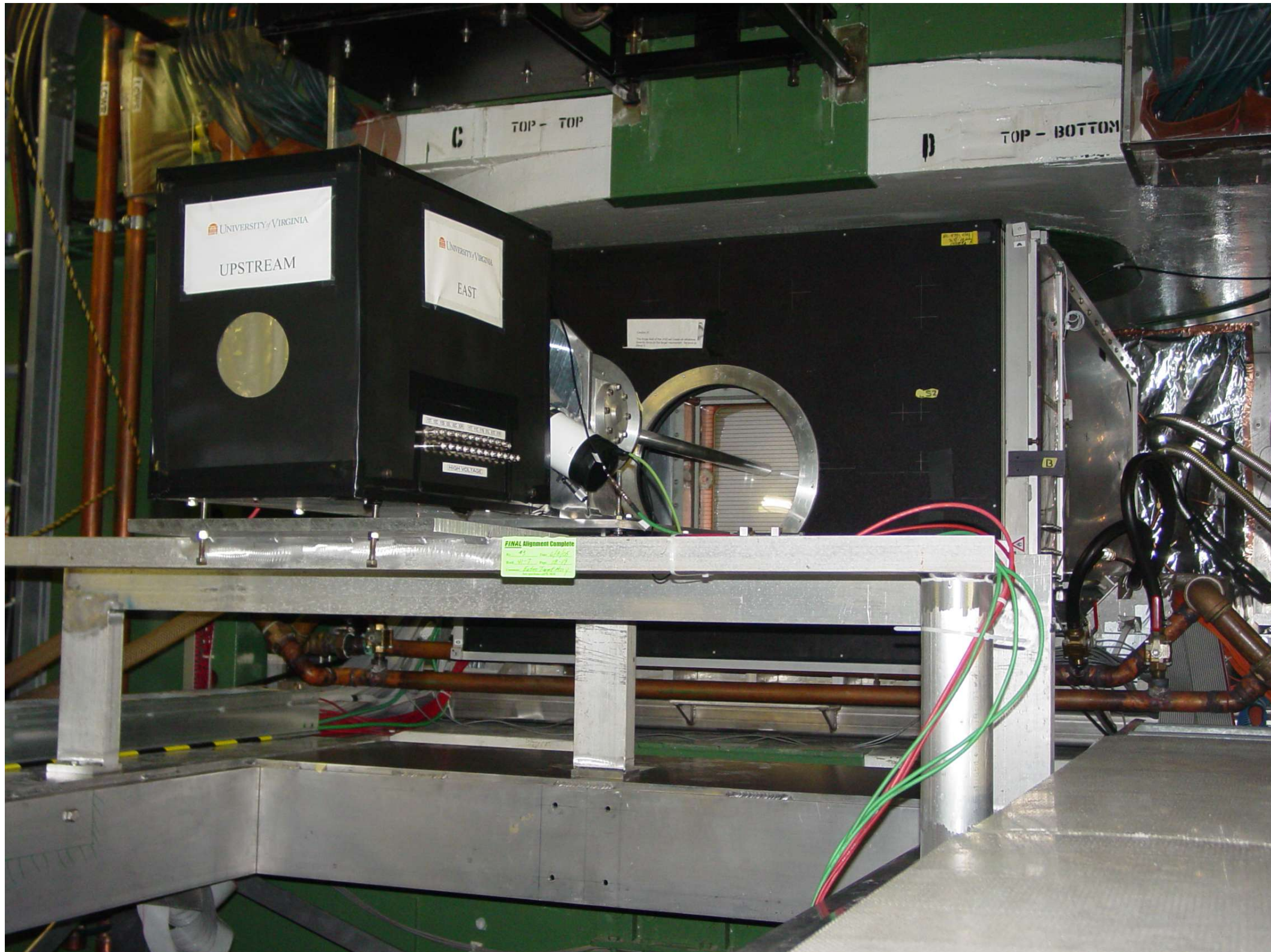
- No data was taken last week due to scheduled shutdown
 - Our ambitious schedule had start up planned for friday at 6pm
 - Moving of shielding blocks for HPTF and some other work took longer than expected, but all work in MC7 was completed on time
 - We will start up tonight as soon as accelerator problems are fixed.
- The NuMI target (NuMI spare) and new trigger counters (MIPP, Indiana and UVa) were installed and surveyed in MC7
- New SWICs with precise alignment and 1mm readout were installed as F:MC7WC1 and F:MC7WC2.
 - These were 2mm per channel for secondary beams
- The SWICs and new Acnet scalers will provide feedback to the MCR for beam tuning
- Trigger electronics and DAQ have been modified/expanded for NuMI running



THIS PLAST

ON
OFF Parker Fluid Connectors

ON
OFF Parker Fluid Connectors



C TOP - TOP

D TOP - BOTTOM

UNIVERSITY OF VIRGINIA
UPSTREAM

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EAST

FINAL Alignment Complete

9

Other shutdown work

- A pin-hole collimator was installed in M03
 - Limit beam intensity in MC7
 - Acnet controlled
 - Easy switch back to secondary beams
- Other work in switchyard 120 for M-Test, HPTF, etc.
 - Beyond the scope of this presentation
- Work unrelated to the shutdown:
 - Methylal refrigerator for DC gas system replaced
 - EMCal maintainance after power outage
 - Bckov vacuum pump oil replaced
 - Air Conditioning maintainance
 - ...

MIPP beam status

- Studies on friday evening to Switchyard dump

MIPP summary

- MIPP is ready for data taking on the NuMI target.