Hall B SAD

June 8 – Oct 15

Activities

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Work Planning Tools

Microsoft Project

Atlis and Blist

G12 Decommissioning and Removal 6/10 – 6/23

Split CLAS 6/10 – 6/20

Micromegas Test Saclay 10/6 - 10/10

Drift Chamber repairs 6/20 – 8/15

DVCS 5 t Superconducting Magnet installation 9/26 – 10/20

OTR installation 10/8 – 10/10

C^ Removal and installation 6/27 – 10/9

Splitting CLAS

Splitting of CLAS

Disconnect all Detectors

Retract all Carriages

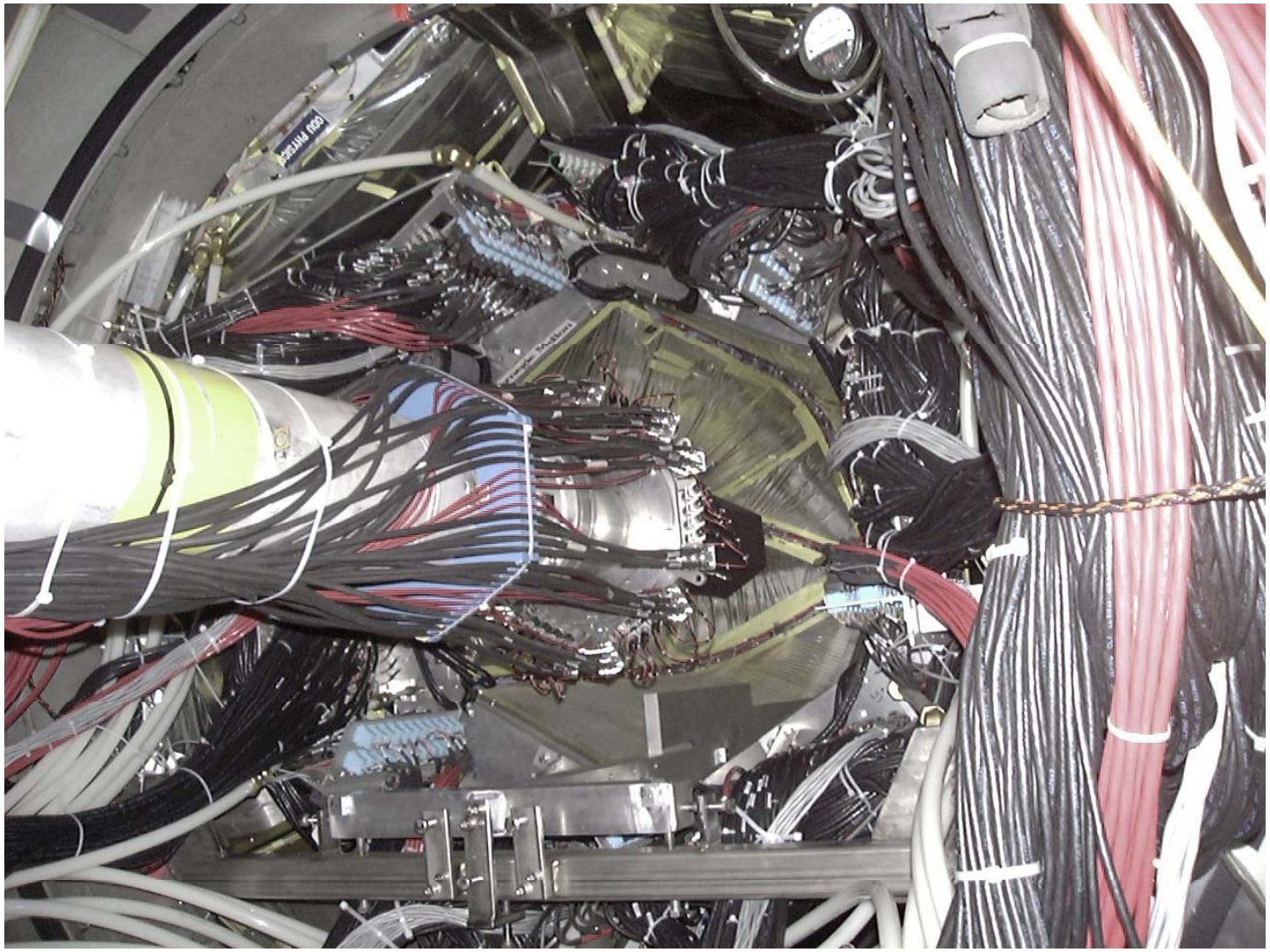
Removal of all catwalks

Setup of new walkways

Remove Time of Flight Detectors for access to

Drift Chambers.

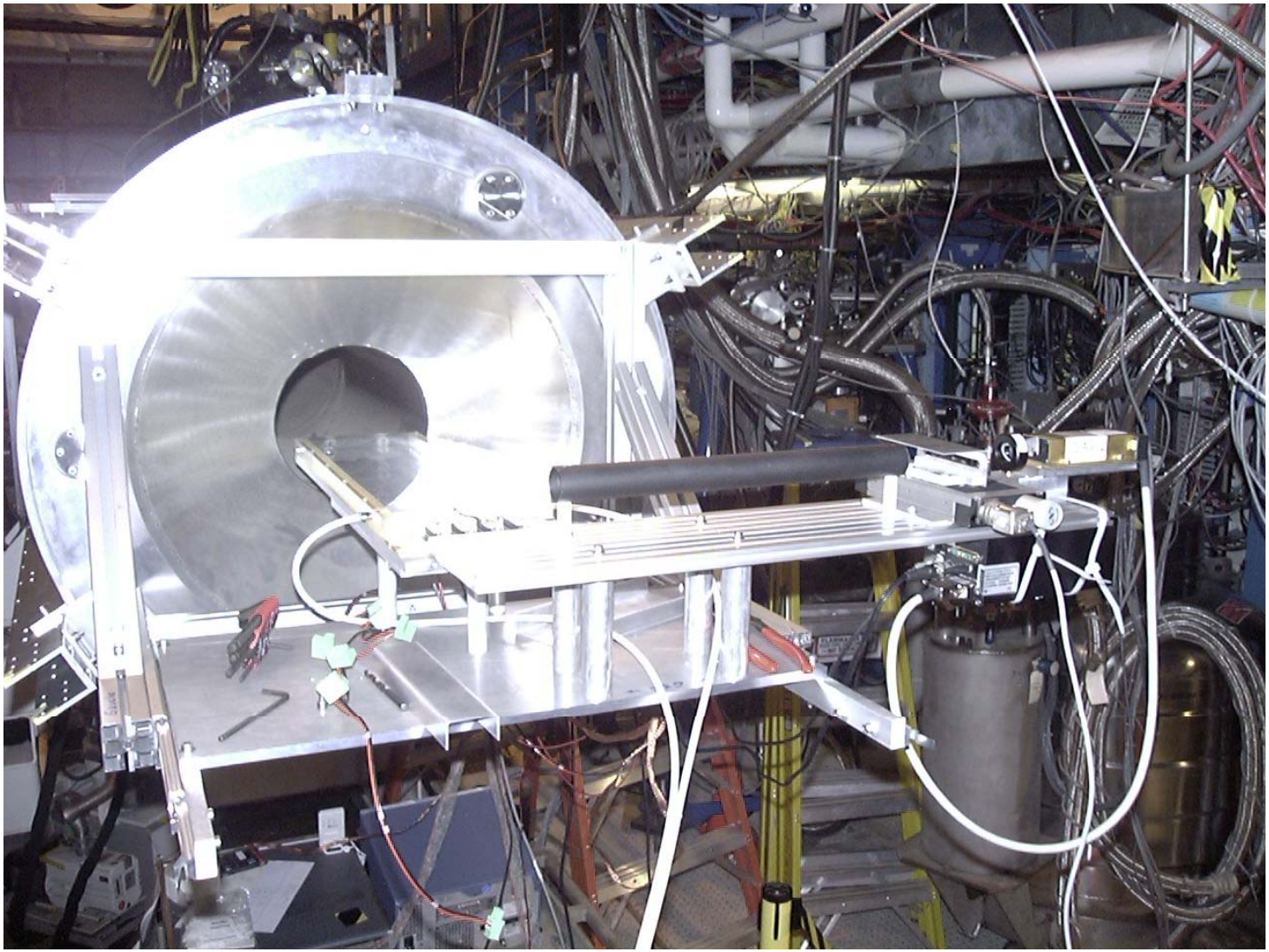
G12 Removal



G12 Removal

- ***Remove Upstream and Downstream beam lines.***
- ***G12 has been removed from the beam-line as planned.***
- ***The beam-line is ready for DVCS magnet installation.***

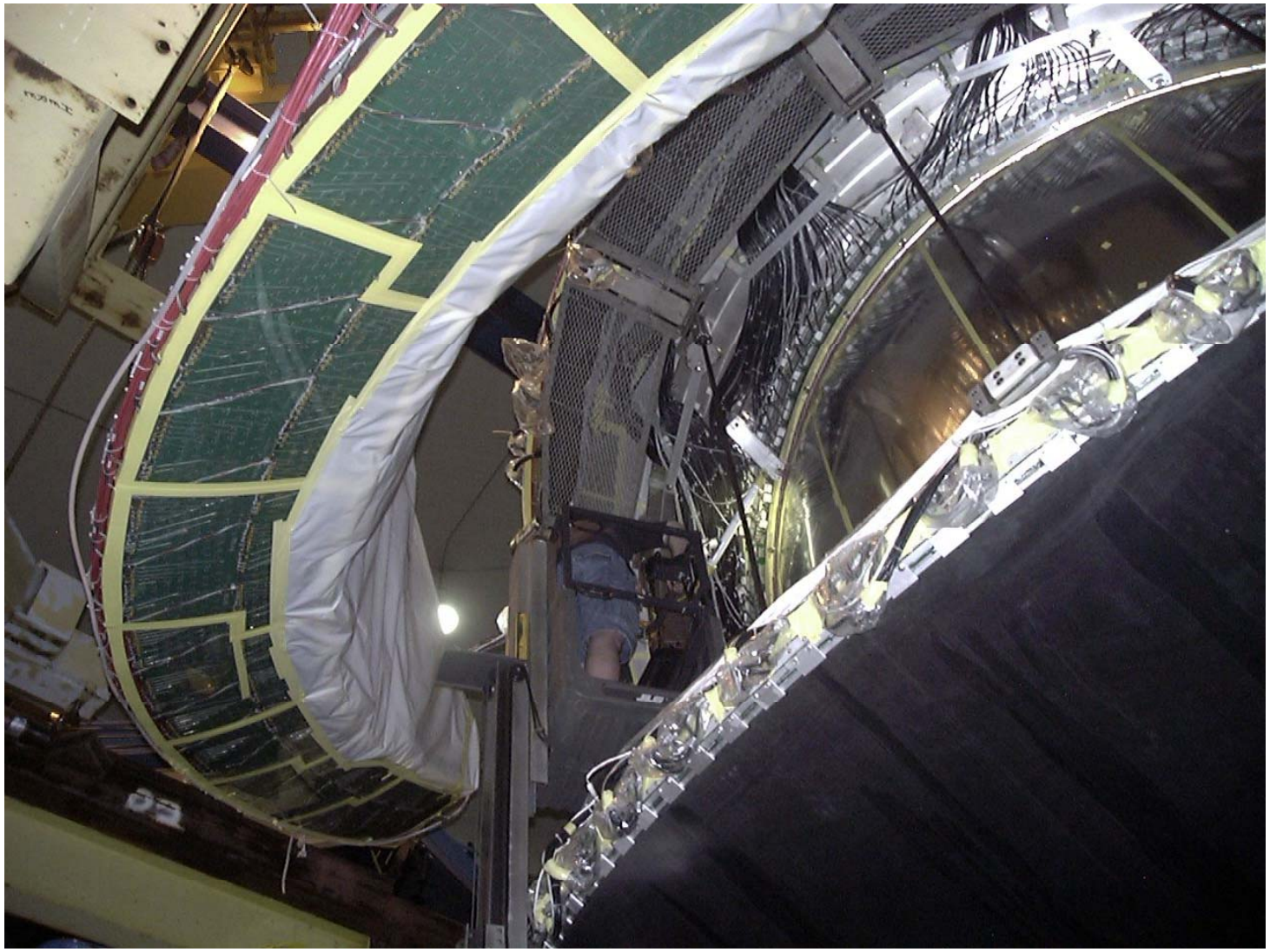
Micromegas Test by Saclay



Micro Megas Test

- ***System setup went well, but was somewhat rushed***
- ***Cool down of Solenoid went well***
- ***Data collected***

Region 3 Repair

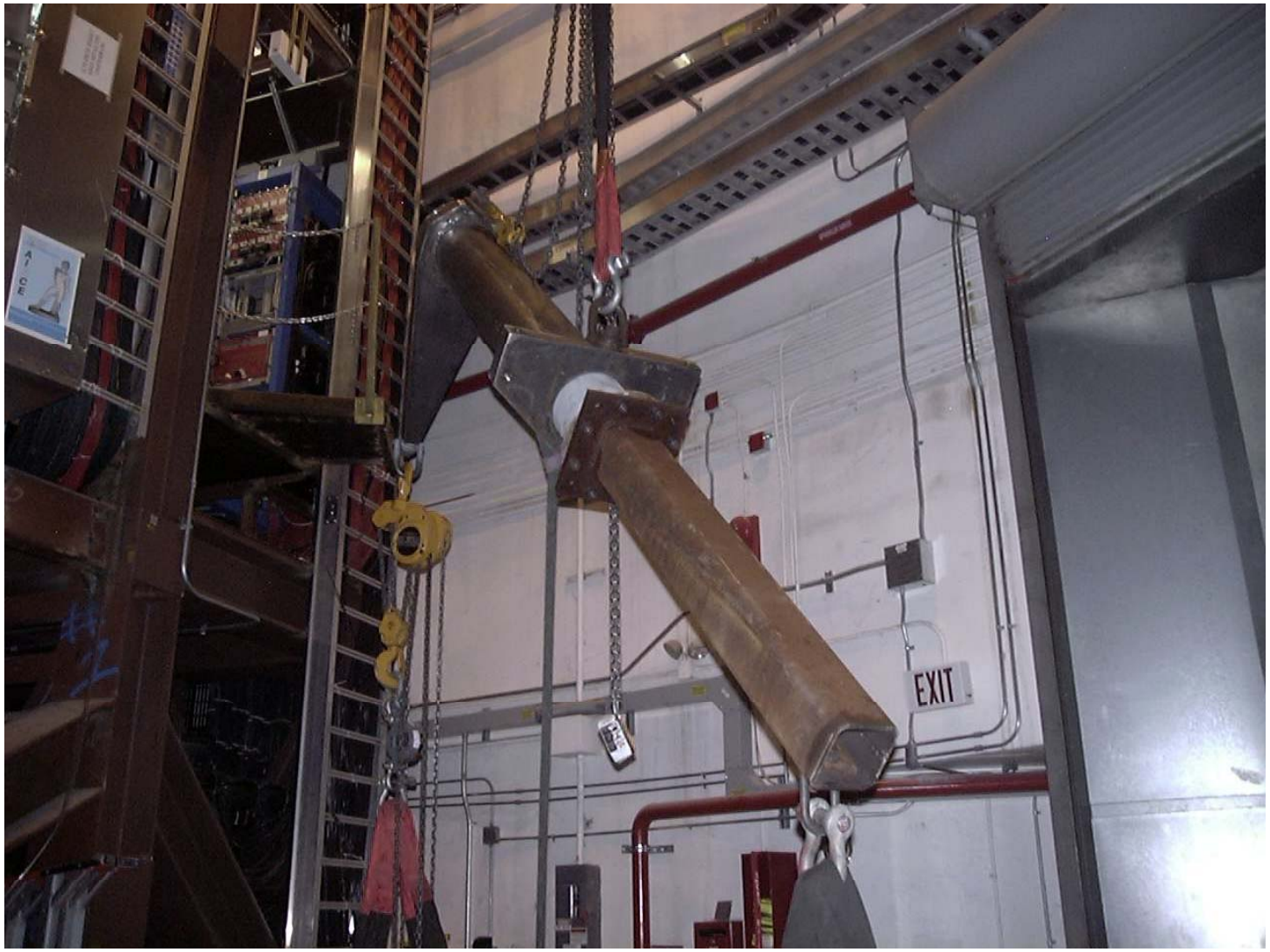


Region 3 Drift Chamber Repair

- ***Region 3 Sector 1 Repairs went as planned.***
- ***Installation of Region 3 Sector 1 went well.***
- ***Steel work removal and installation for Region 3 Sector 3.***
- ***All repairs went as planned with out any problems.***

C^ Removal and Transport to TestLab

New Cerenkov Lifting Fixture Load Test

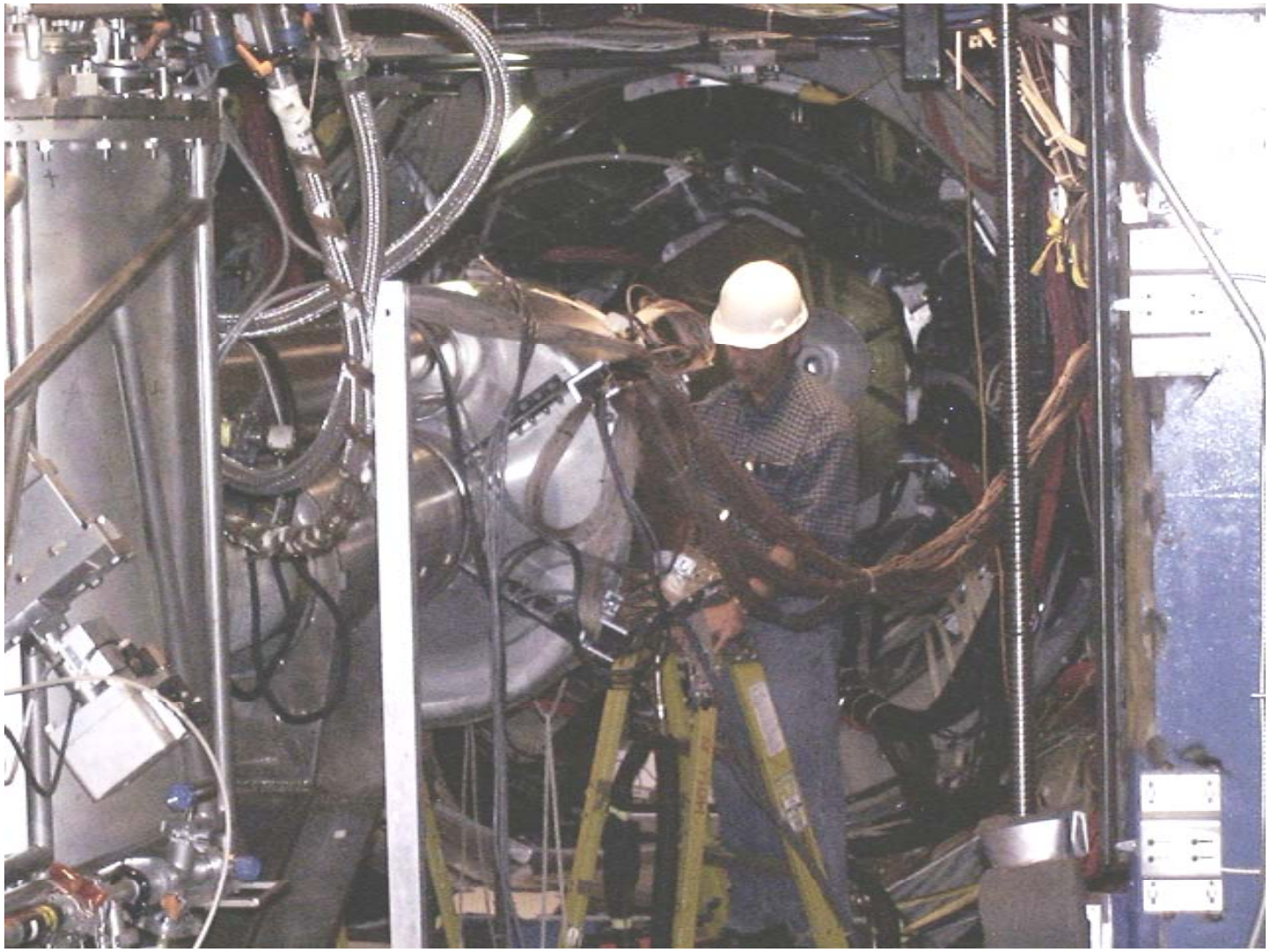


C^ crane Report

- *Slip of the retainer ring on the C^ lifting fixture.*
- *The detector dropped 6 inch. The damage was minor and repairable.*
- *New lifting fixture designed and fabricated.*
- *Load test completed.*
- *C^ installed and tested.*

DVCS 5t Superconducting Magnet and Cryotarget Installation

e1 DVCS Installation



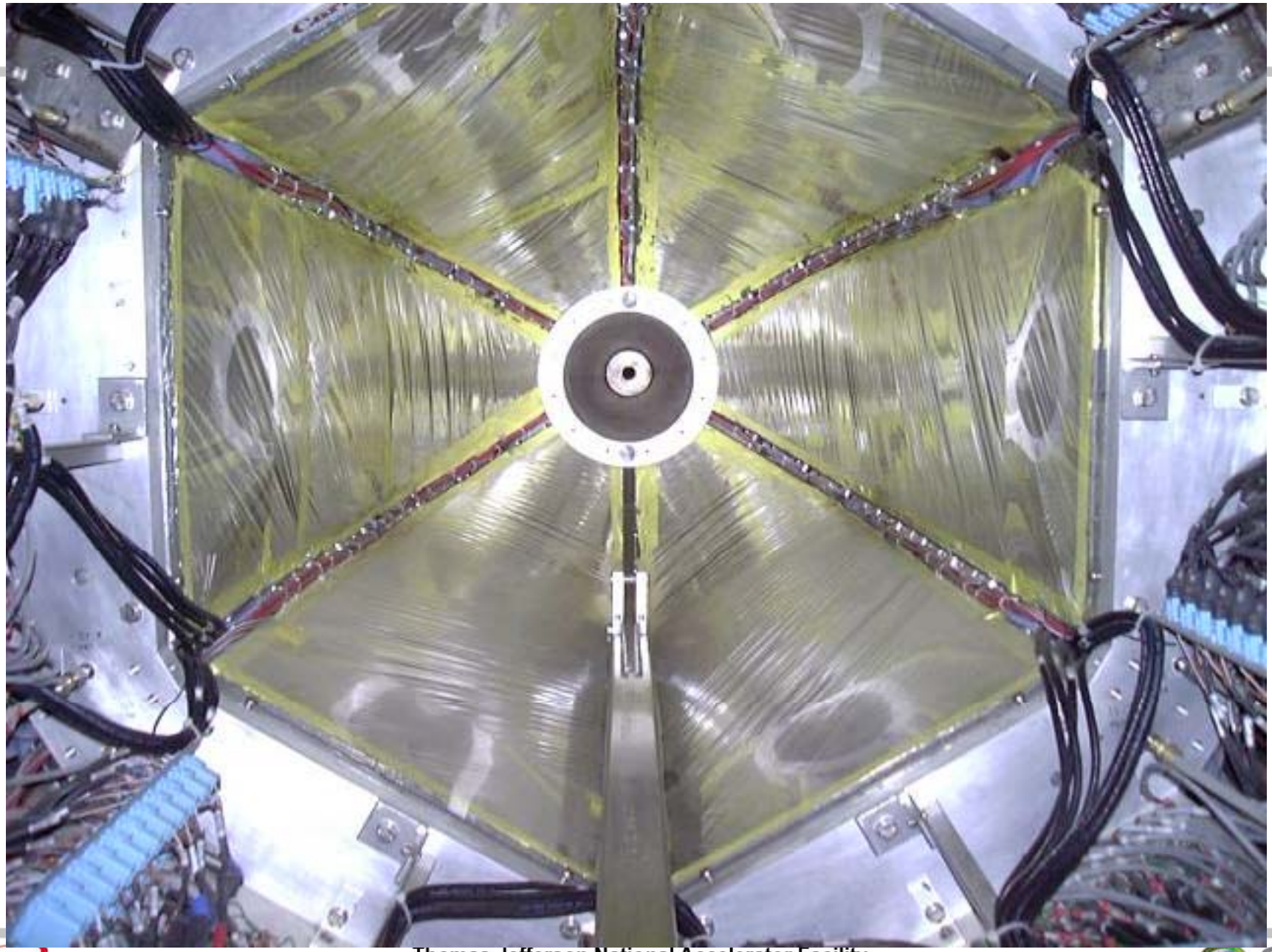
Cryotarget Installation

New lead Shielding for e1 DVCS

Lesson Learned: Have Shielding simulations done earlier

Hole in Region 1 Drift Chamber

- ***While taking a measurement with a long rod a hole was put in the inside window. 2 wires in the drift chamber were broken.***
- ***Lesson Learned***
  - ***Make sure the work area is keep clear.***
  - ***Make sure the right number of people are doing the job.***
  - ***Do not rush***



Lesson Learned

- ***What went well and why?***
- ***What went Well:*** ***Scheduling, Standing Procedures and Lift plans***
- ***WHY:*** ***Scheduling and oversight and a well trained staff.***

- ***Routinely check lifting fixtures.***
- ***Insure all hardware is torque to proper setting.***
- ***Insure procedures are up to date.***
- ***Review all aspects of the work to insure the procedures are updated with all new changes and lessons learned.***
- ***Take breaks during long duration projects and review safety and objectives***
- ***Request that survey verifies fiducial data***
- ***Allow ample time for survey and alignment***