

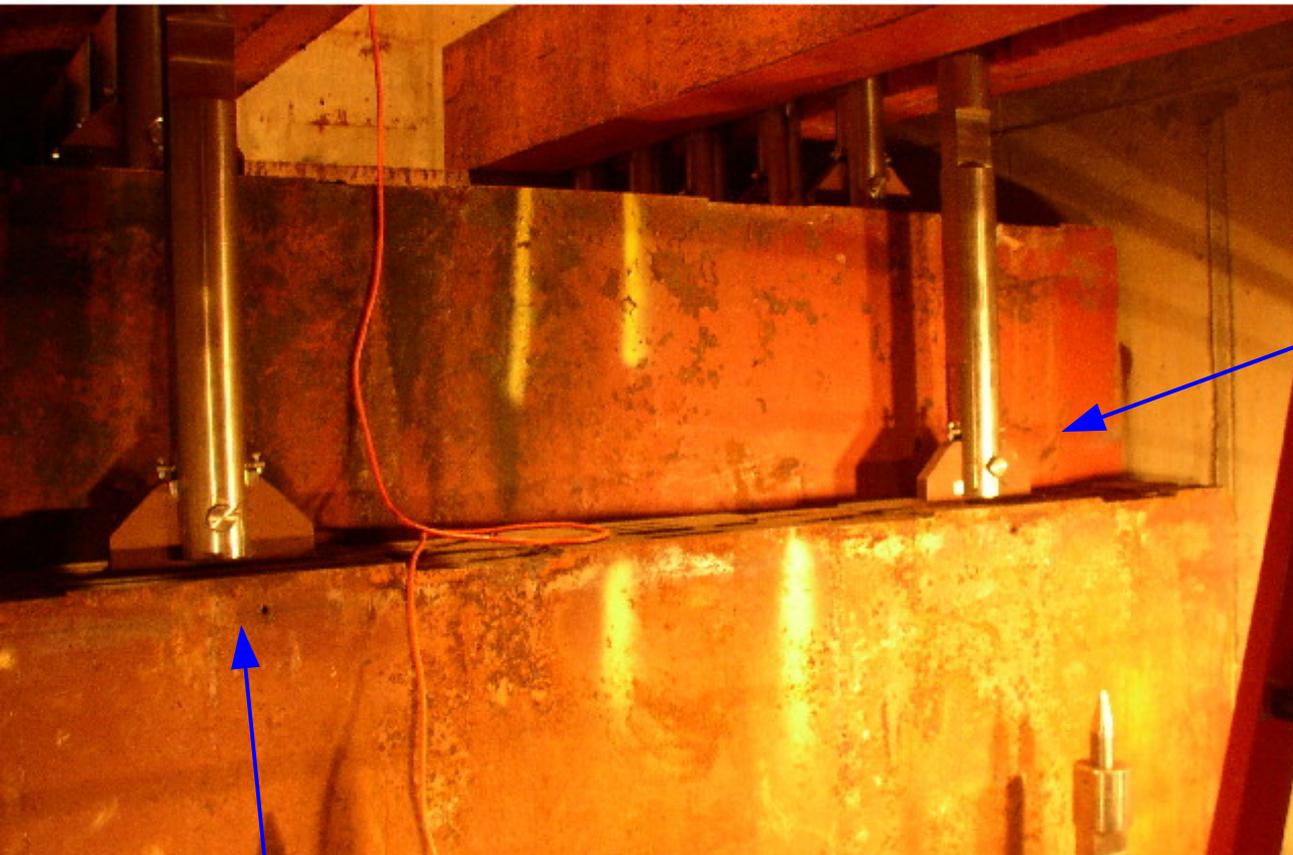
MiniBooNE Report

Richard Van de Water
Los Alamos National Laboratory
for the MiniBooNE collaboration

09 April 2007

Week Summary 02 April – 09 April Offline

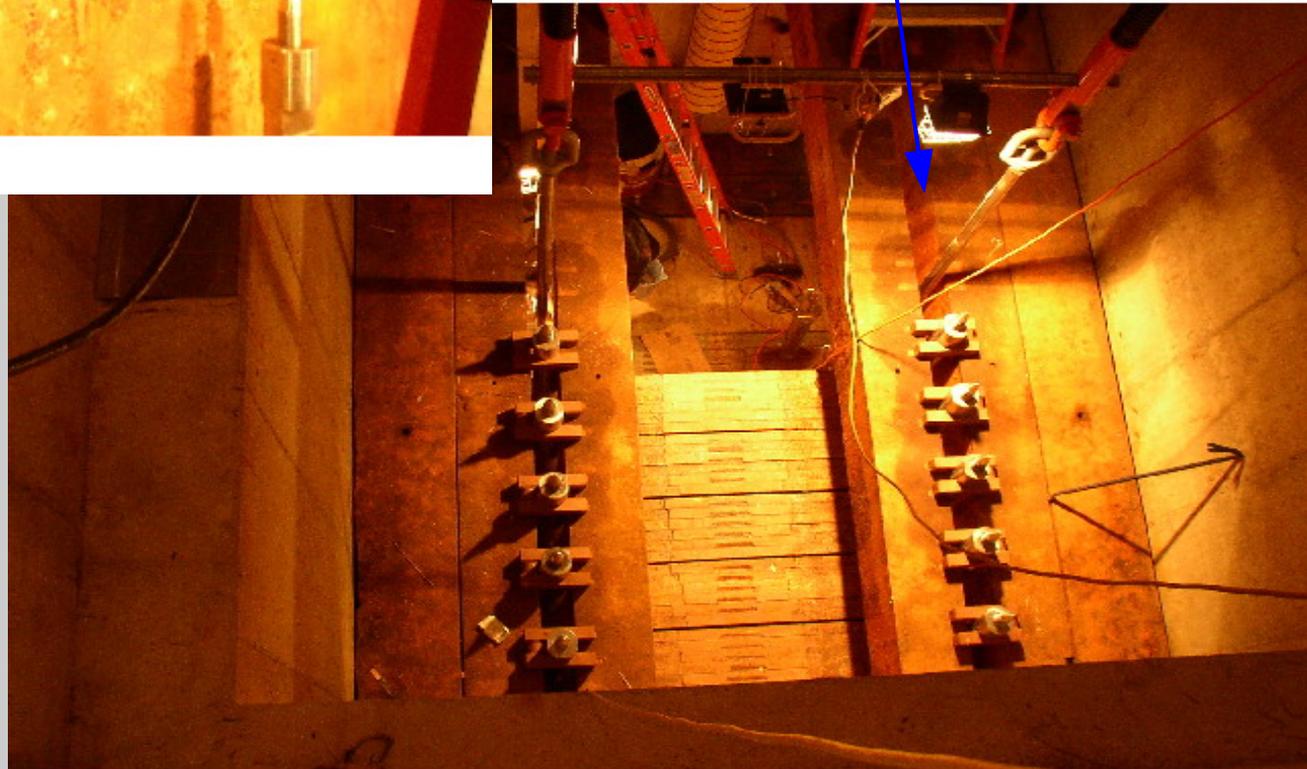
- Continued offline due to 25m absorber problem.
- Two 25 ton steel blocks dropped into the beamline. Repair plans/work in progress:
 - All absorber plates successfully raised into place last week!
 - Installing shielding blocks Monday/Tuesday.
 - Start horn and beamline testing Tuesday and Wednesday.
 - Detector was operating during shutdown.
 - **Back to full operations Thursday!**

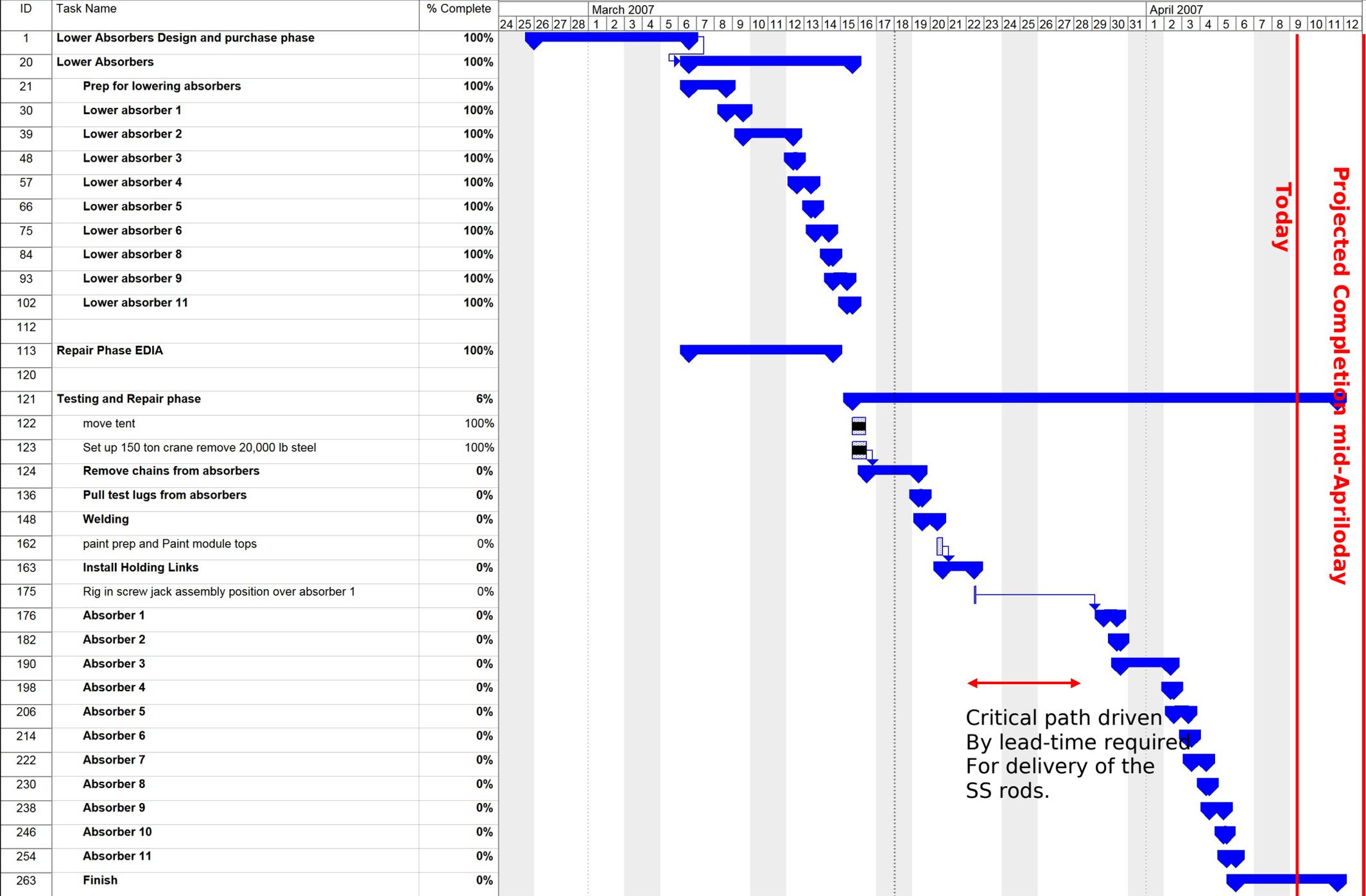


Absorber plate being raised into hanging position with twin screw jacks.

New Stainless steel rods at work!

Thanks to John Featherstone and AD crew for continued superb effort.





Today
 Projected Completion mid-April/day



Critical path driven
 By lead-time required
 For delivery of the
 SS rods.

Project: Shutdown 07
 Date: Sun 3/18/07

Task		Summary		Rolled Up Progress		Project Summary	
Progress		Rolled Up Task		Split		Group By Summary	
Milestone		Rolled Up Milestone		External Tasks		Deadline	

Future Plans

- Projected to be back online April (12th) in 50m configuration.
 - Huge thanks to Accelerator Division 25m absorber repair team for outstanding job!
- Plan is to collect 0.6-0.9E20 POT in antineutrino mode and no absorber. Totals to date:
 - 0.2E20 POT no absorber.
 - 0.7E20 POT absorber #10 down.
 - 0.6E20 POT absorber #10 and #7 down.
- Continue work on understanding antineutrino data, which looks promising!

**The Neutrino Oscillation Box is
Open!**

Results to be reported April 11th!