MiniBooNE Report

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for the MiniBooNE collaboration

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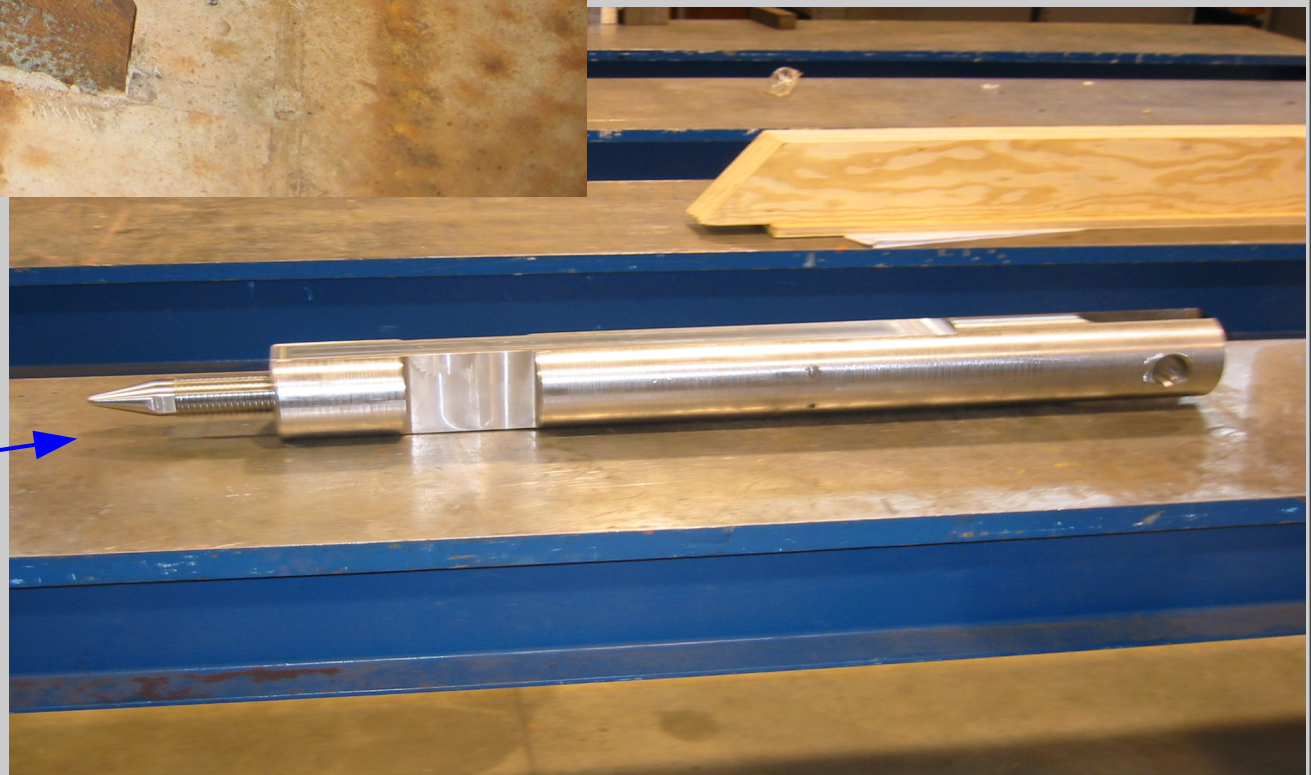
The Neutrino Oscillation Box is Open!

Results to be reported April 11th, stay tuned…

Week Summary 26 Mar – 02 April Offline

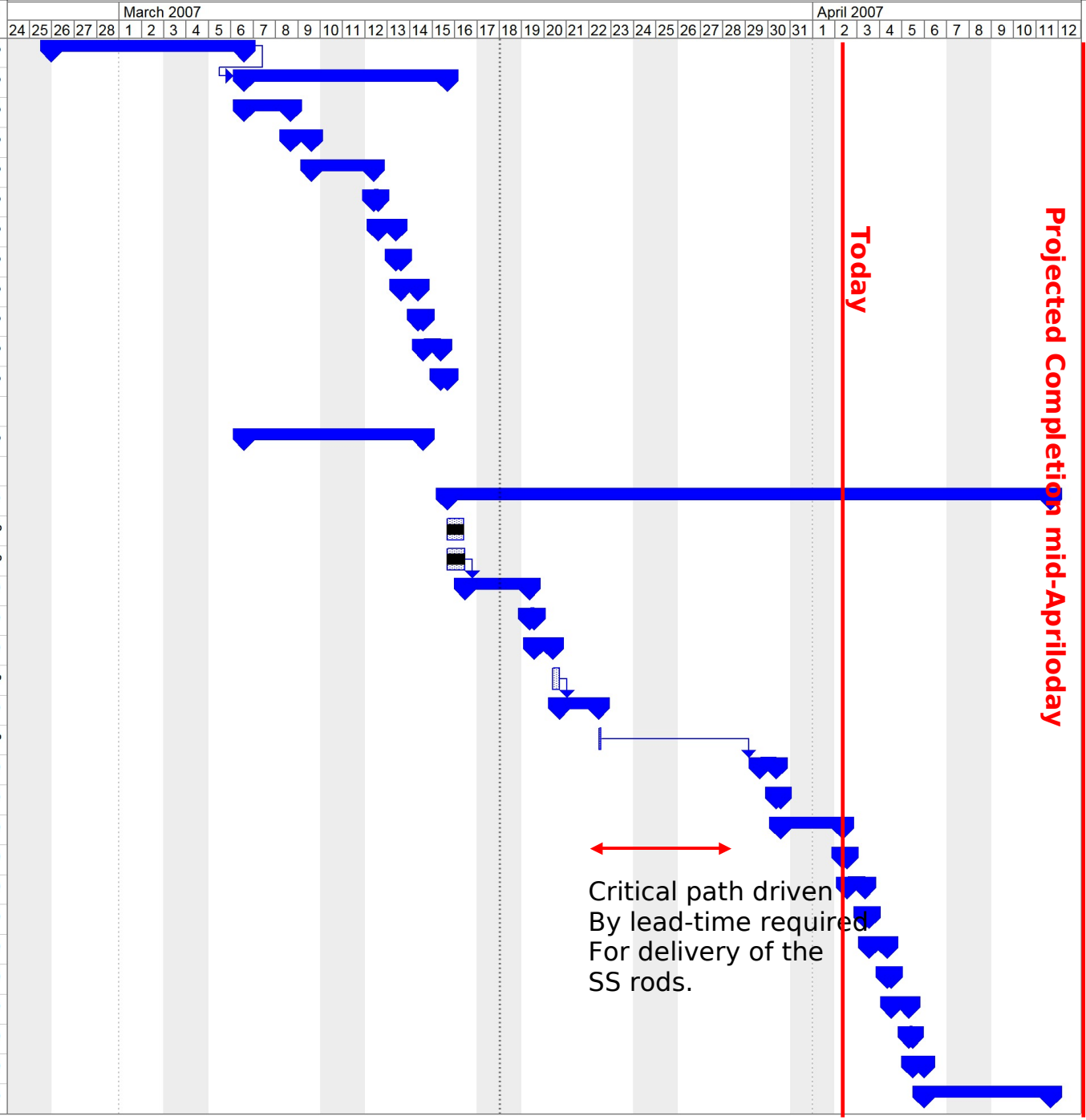
- Continued offline due to 25m absorber problem.
- Two 25 ton steel blocks dropped into the beamline. Repair plans/work in progress:
  - 16 of 22 stainless steel lifting rods have arrived. Rest to be delivered Wednesday.
  - First absorber plated successfully raised today, second one on the way up!
  - Continue to raise absorber plates, should be done this week.

Clean, inspected, tested, and prepared lifting lugs. All okay, ready for lifting!



New Stainless steel rods to hang absorber plates (16 in hand).

ID	Task Name	% Complete
1	**Lower Absorbers Design and purchase phase**	**100%**
20	**Lower Absorbers**	**100%**
21	**Prep for lowering absorbers**	**100%**
30	**Lower absorber 1**	**100%**
39	**Lower absorber 2**	**100%**
48	**Lower absorber 3**	**100%**
57	**Lower absorber 4**	**100%**
66	**Lower absorber 5**	**100%**
75	**Lower absorber 6**	**100%**
84	**Lower absorber 8**	**100%**
93	**Lower absorber 9**	**100%**
102	**Lower absorber 11**	**100%**
112		
113	**Repair Phase EDIA**	**100%**
120		
121	**Testing and Repair phase**	**6%**
122	move tent	100%
123	Set up 150 ton crane remove 20,000 lb steel	100%
124	**Remove chains from absorbers**	**0%**
136	**Pull test lugs from absorbers**	**0%**
148	**Welding**	**0%**
162	paint prep and Paint module tops	0%
163	**Install Holding Links**	**0%**
175	Rig in screw jack assembly position over absorber 1	0%
176	**Absorber 1**	**0%**
182	**Absorber 2**	**0%**
190	**Absorber 3**	**0%**
198	**Absorber 4**	**0%**
206	**Absorber 5**	**0%**
214	**Absorber 6**	**0%**
222	**Absorber 7**	**0%**
230	**Absorber 8**	**0%**
238	**Absorber 9**	**0%**
246	**Absorber 10**	**0%**
254	**Absorber 11**	**0%**
263	**Finish**	**0%**



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

- Work on repairs to put back 25m absorber in original condition.
  - Absorber plate #1 lifted back into position. The rest (ten more) to follow this week.
  - Projected to be back online April (12th) in 50m configuration.
- 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!