

Installation Plan  
(July 24 – August 31, 2004)

Draft #2

1. Stop all tests in Test Lab July 24, Sat.
2. Uninstall the Vito system from HYCAL
3. Open HYCAL (back and front)
  - a) check and reinforce all pushing “nuts”
  - b) disconnect optical fibers on the top of PbWO (~100 only), mount them on the front safely 24-25
  - c) disconnect all cables from HYCAL (delay, HV, booster,...), and from the HYCAL “drum”, collect all in the “baskets” 26-27
  - d) disconnect PC-boards (limited # only)
  - e) take off ~100 modules of Pb-glass counters 25-27
  - f) lock in push plates
4. Disconnect Chiller and All communic.: 27
5. Reinforce top part of HYCAL for “crane”
6. Disconnect all delay cables from FastBus and “pack” them safely 28
7. Disconnect all HV and “booster” cables,
8. Prepare all ROC’s to “crane” 28
9. disconnect all computers and communications, prepare them for “crane” 29
  
10. Move HYCAL to Hall B July 29, Th
11. Move the rest 30, Fr
12. Install HYCAL on the “run” cart 29, Th.

- a) survey and align ASAP
  - b) cable run check
13. Transporter works and cable run check
  14. Install HYCAL on Transporter
    - a) open HYCAL and inspect
    - b) install back all Pb-glass modules
    - c) glue back optic fibers
    - d) repair optical contacts if needed ???
    - e) install PC-boards back
  15. Install all cables (delay, HV, ...)
  16. Install chiller and GN2 purging system  
Keep HYCAL at room temperature
  17. Install Veto on HYCAL
  18. Install all ROC's on level 2
  19. Start HYCAL tests:
    - a) pedestals
    - b) LMS
    - c) Cosmic tests (phase 2)
  20. Move HYCAL with Transporter
  21. Calibrate (survey) HYCAL and transporter vs.  
beam
  22. Install all communications to "counting hose"
  23. many other things.....
  24. wait for beam