DIRC Installation Steps in Hall D (Rough draft)

1. Assemble steel support structure in hall and attach to floor/solenoid piers for support
2. Attach ACME screws, linear rails and bearings to the support structure and rough align.
3. Install motors for ACME screw drives and test
4. Assemble bar box upper frame
5. Assemble 2 bar boxes onto upper frame in horizontal position
6. Assemble bar box lower frame
7. Assemble 2 lower bar boxes onto lower frame in horizontal position
8. Install lower assembly onto support structure
9. Install upper assembly onto support structure
10. Re-Hook up nitrogen purge to bar boxes
11. Align system
12. Install Mirror boxes onto upper and lower assemblies
13. Test/align motion system for repeatability
14. Install PMTs, cables and electronics
15. Install water system and fill mirror boxes
16. Test motion system again
17. Test alignment repeatability of mirror boxes
18. Test electronics and signals.
19. Bring FCAL carriage forward and attach steel support frame to carriage.
20. Perform final survey for position and repeatability.
21. Move carriage away then back to position and verify alignment repeatability