January Access for TOF

G.Bauer/M.Jones
SPL Meeting
Dec 9, 2002

- Upgrade CAEN Firmware $\Longrightarrow$ NOT Lock-Out HV

- Fix HV Problem with Chan 350—Cause *Unkown*
  1. Verify Problem is NOT Outside the Detector $\Longrightarrow$ Several Hrs Access on Floor near SW CMX (*Little Imact on Other Activities*)
  2. a) IF Outside Detector $\Longrightarrow$ More Debugging Work Away From the Bore $\leftarrow$ *Unlikely?*
     b) IF Inside Detector $\Longrightarrow$ Pop 30° Covers (3-5?) of SVX/COT Cables (Break Gas Line??) to Clear Access to PMTs Recessed Behind COT (West Side, $\approx$4-5 O'Clock $\rightarrow$ NO Platform?)
  3. Disconnect HV Assembly from PMT $\Longrightarrow$ Test Whether Cable or PMT Assembly Fails?
  4. a) IF PMT $\Longrightarrow$ Replace Assembly (Quick?);
     b) IF Cable Assembly $\Longrightarrow$ Attempt Repair (Expect Use of Soldering Iron)
  5. IF Cable Assembly is Bad and Can't Repair $\Longrightarrow$ Ugly Mess to Replace!

Major Impact: Access to COT Face with Popped Cable Covers and Exposed COT/SVX Cables
Unknown: Need to Break SS-Gas Lines on COT??
Duration of Uncabled Access: Some Uncertainty, but: Likely 1-Shift at the Bore, but Perhaps 2-Shifts Separated in Time for External Prep-Work
Likely Cast: Bauer, Jones, Gomez, + Misc "Buddies"