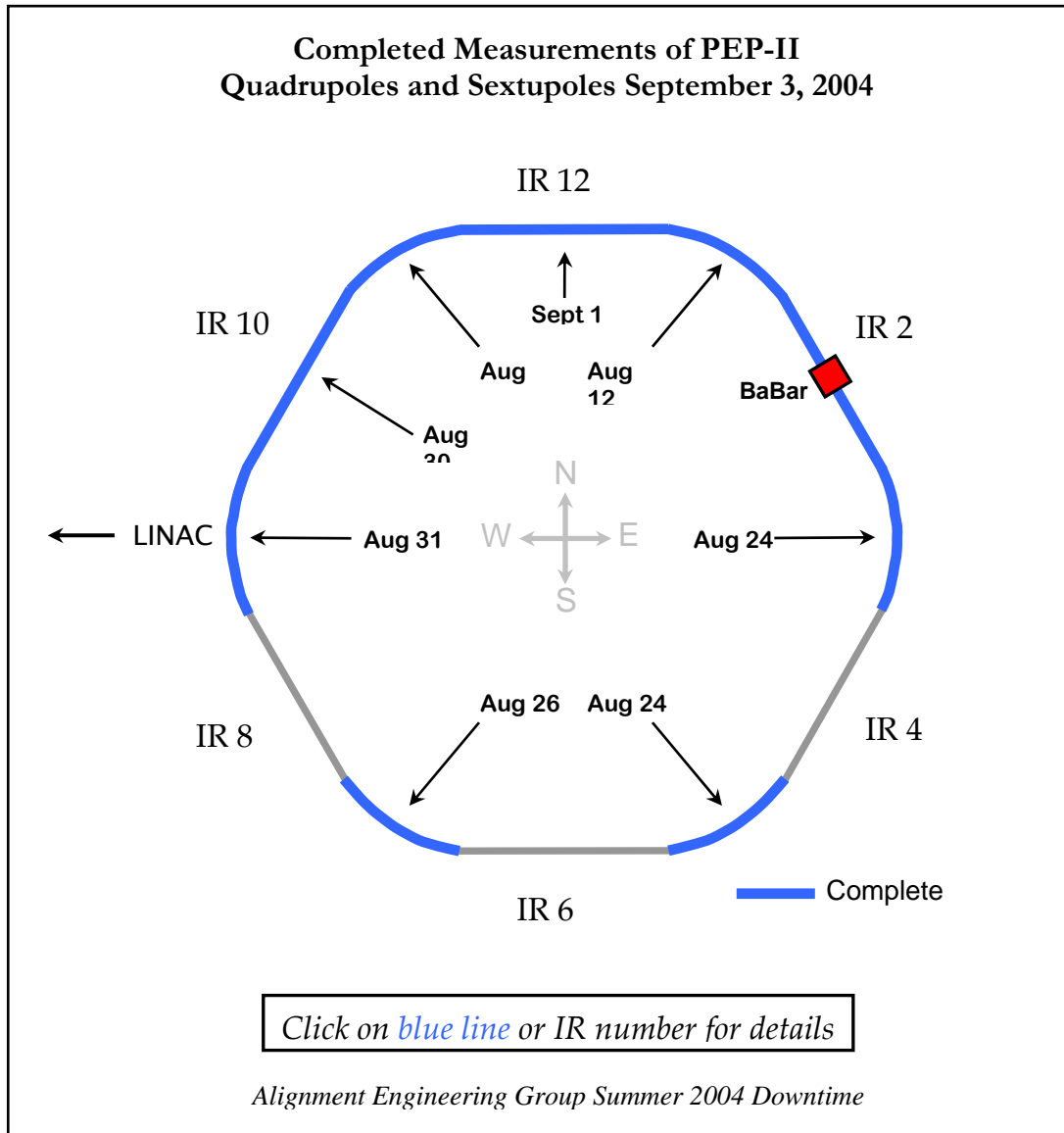


Summer / Fall 2004 Downtime
AEG Week 5 Summary

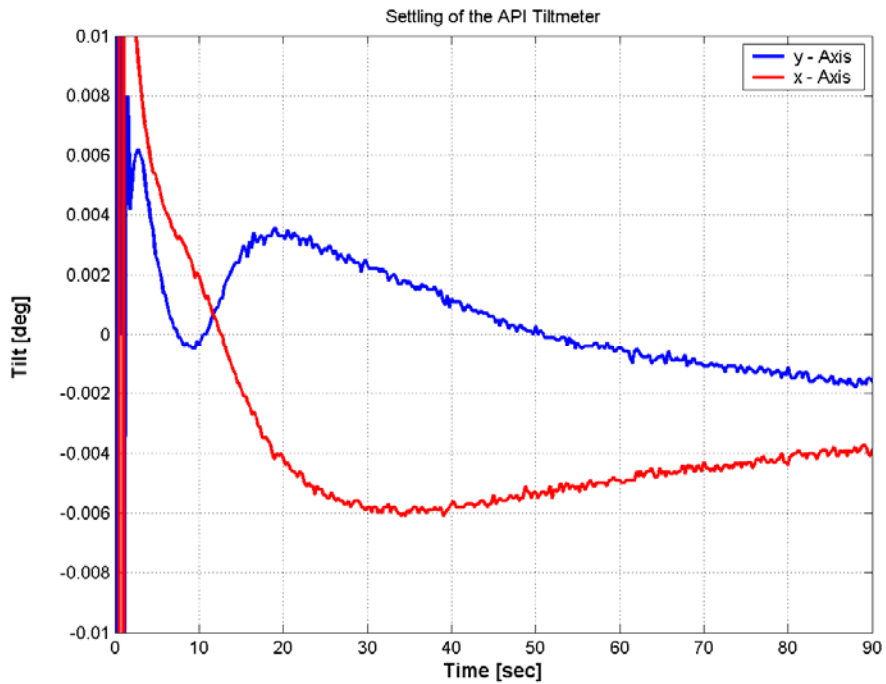
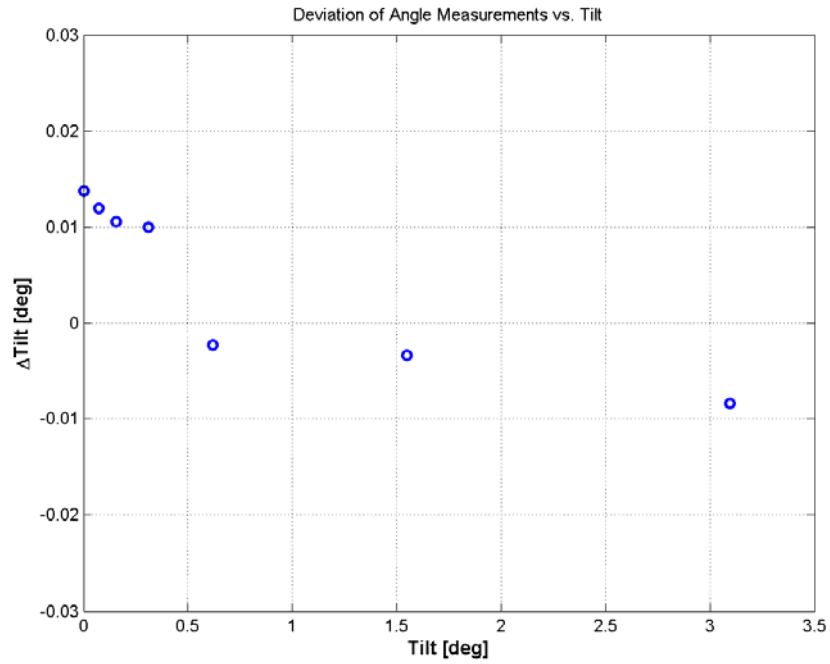
PEP-II Quadrupole & Sextupole Survey



- Monday August 30
 - o Finish R11
 - o Start and finish R10
- Tuesday August 31
 - o Finish R9

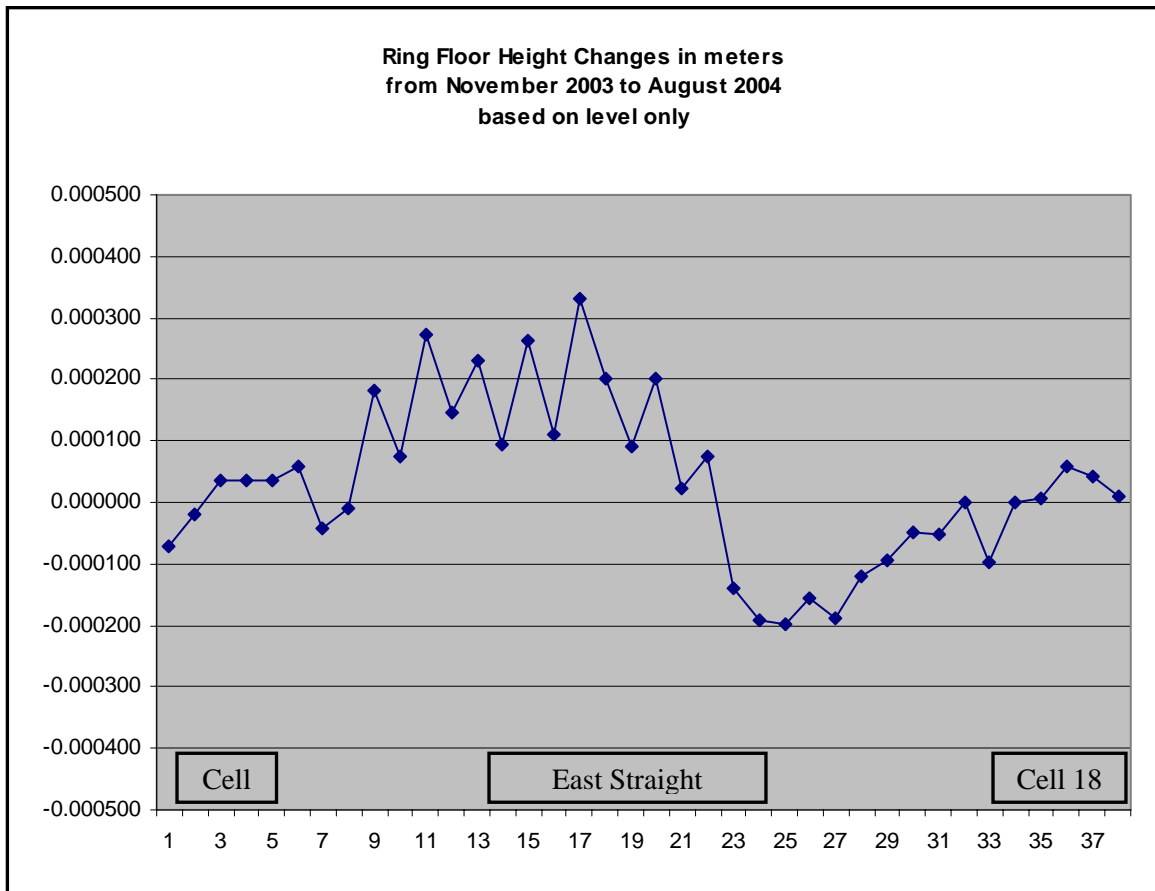
- Wednesday September 1
 - o R8 is closed for RF testing
 - o Start and finish R12
 - o Went to pick up the tiltmeter from Applied GeoMechanics in Santa Cruz

- Thursday September 2
 - o R4
 - o Study the repaired tiltmeter



SPEAR3 Alignment

- Monday August 30
 - o Finish level shot on floor points:
 - 89 height differences
 - 46 points surveyed (38 ring floor)



- Tuesday August 31
 - o Start level shots to wall points
 - o Add extension to wall monuments in areas where light fixtures prevent placement of regular tooling. (Note sticky notes added to back of rod to indicate “safe zone” to read bar code.)



- Wednesday September 1
 - o 2 crews of leveling (1 Zeiss, 1 Leica for the high ceiling area)
- Thursday September 2
 - o 1 leveling crew finished the wall points
 - o Calibration of trackers in Sector 10 in preparation of next week mapping
- Friday September 3
 - o Move gear in the tunnel

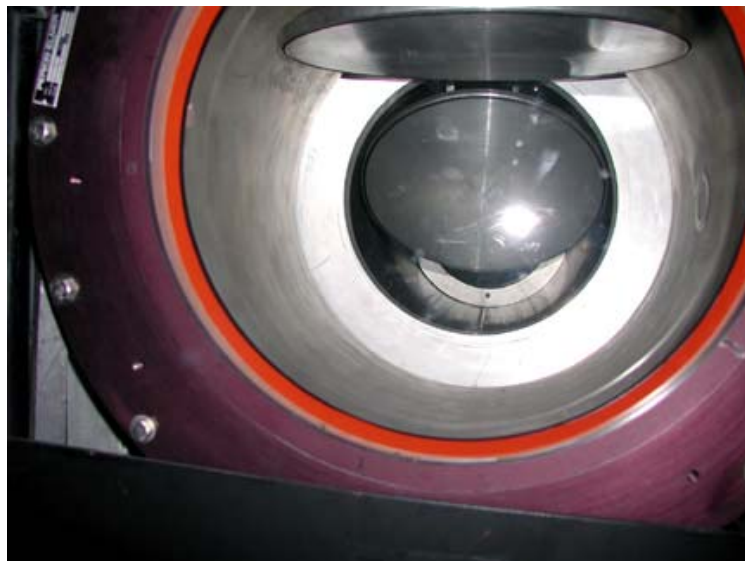
Linac Laser Alignment System

- Monday August 30

- Before damage to flap (August 17, 2004)



- Flap partially failing



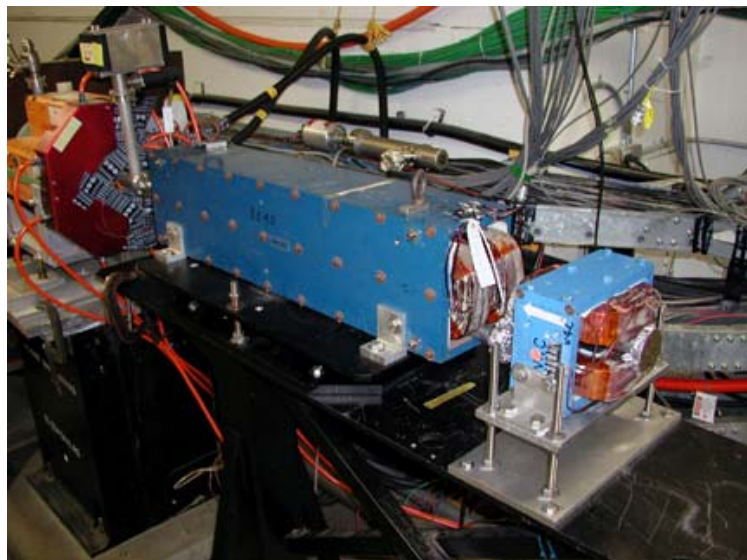
- Flap broken



- Tuesday August 31
 - Show flap problem and wait for repair decision
- Friday September 3
 - Light pipe vented and flap repair begun

Miscellaneous

- Tuesday August 31
 - SSRL Vacuum: BL9-3 vertical slits
 - FFTB 166: gather deck data to set vertical bend



- Wednesday September 1
 - SSRL Vacuum: BL9-3 vertical slits
 - FFTB 166: set vertical bend and corrector

- Thursday September 2
 - SSRL Vacuum: BL9-3 vertical slits
 - FFTB 166
 - Reset the table to the pitch after the vertical bend [.2727 (linac) - .0165(bend angle)]
 - Set pipe

- Friday September 3
 - FFTB 166