



Jefferson Lab Alignment Group

Data Transmittal

TO: M. Spata, J. Benesch

DATE : Oct 31, 2003

FROM: Kelly Tremblay

Checked:

L907

Details:

Below are the locations for BPM 1PM1S00 in the northeast spreader and BPM IPM2S00 in southwest spreader. Both BPMs are in the top pass lines, immediately after the BCom magnets. The ideal and found positions are shown below in the CEBAF machine coordinate system. Additionally, deltas are shown (in millimeters) for the transverse location, in the beam following system.

BPM 1PM1S00 located between MAQ1S01 and MAI1S03, Northeast spreader.

Station	Z	X	Y
Ideal BPM location	94.14620	80.60000	101.03494
Found BPM location	94.14651	80.60084	101.03403
Transverse delta		0.84(mm)	-0.96(mm)

BPM IPM2S00 located between MAW2S01 and MAL2S03, Southwest spreader.

Station	Z	X	Y
Ideal BPM location	-98.10184	-80.60000	101.15847
Found BPM location	-98.10150	-80.59941	101.16025
Transverse delta		-0.59(mm)	1.81(mm)