



Jefferson Lab Alignment Group

Data Transmittal

TO: R. Kazimi, J. Grames

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FROM: Chris Curtis

Checked:

: L1322

DETAILS:

Data: Step2B\Inj\100827A

Below are the results of the recent measurements locating components in the injector along the beamline (Z). Distances along the beamline are given (in millimeters) with respect to the downstream face of Chopper 2. Also a Z value is given (in meters) relative to the center of the accelerator defined as 80,000 meters. The label refers to the post-it notes placed on the components before the survey. The results for CL_FC1 and CL_C6 are almost the same. It is believed that the same point was measured but labeled incorrectly. The accuracy of the survey is estimated at approximately +/- 1mm.

Component	Label	Dist (mm)	Z (m)
Chopper 2 (d/s)	DSCHOP	0.0	79745.3329
Buncher	CL_BNCH	524.5	79745.8574
	CL_L6	790.3	79746.1232
	CL_FC1	1197.1	79746.5299
	CL_C6	1198.2	79746.5311
	MAD010	1345.3	79746.6782
	STRTCU	1425.2	79746.7580
Aperture A3	CL_A3	2258.4	79747.5913
Aperture A4	CL_A4	3011.7	79748.3446