



Jefferson Lab Alignment Group

Data Transmittal

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FROM: Chris Gould

Checked:

: L1530

DETAILS:

M:\align\DATA\Step2B\INJ\131015A

Below are the results of the 4D injector line survey. Coordinates are given in both beam following and CEBAF machine coordinates. In the beam following system a positive X is to the beam left, a positive Y is up and positive Z is downstream relative to MBF0L06.

NAME	Beam Following				Mechanical		
	X(mm)	Y(mm)	Z(mm)		X(M)	Y(M)	Z(M)
ITV4D00	-1.06	-0.70	5353.42		78.33660	99.99925	-209.59917
IPM4D00_US	0.54	-0.09	5479.55		78.28474	99.99987	-209.48418
IPM4D00_DS	0.78	0.74	5707.89		78.18846	100.00070	-209.27713
IHA4D00_US	0.64	0.83	5750.52		78.17033	100.00080	-209.23855
IHA4D00_DS	-0.87	0.19	5900.31		78.10565	100.00016	-209.10343
IOR4D00	-0.87	0.89	5995.33		78.06549	100.00086	-209.01732
IDL4D00	0.07	-0.71	6329.70		77.92503	99.99928	-208.71387