



Jefferson Lab Alignment Group

Data Transmittal

TO: J. Grames

DATE: 31 Oct 2013

FROM: Chris Gould

Checked:

: L1524

DETAILS:

M:\align\DATA\Step2BINJ\131024A

The 5D line survey results are shown below. Beam following coordinates are reported in millimeters with positive Y up, positive X to the beam left and positive Z downstream relative to the center of MBV0L02. CEBAF coordinates are reported in meters.

NAME	BFS [mm]			CEBAF Mechanical [meters]		
	X	Y	Z	X	Y	Z
ITV5D01_US	3.32	-1.64	366.44	80.44827	99.99835	-242.92492
ITV5D00_DS	3.29	-1.67	490.96	80.39562	99.99833	-242.81208
MQD5D00	0.07	0.01	685.70	80.31040	100.00001	-242.63695
IPM5D00_US	0.03	0.09	828.59	80.24997	100.00010	-242.50746
IPM5D00_DS	-0.41	-0.25	953.53	80.19677	99.99977	-242.39442
MQD5D01	0.02	0.40	1096.09	80.13691	100.00040	-242.26504
IPM5D01_US	-0.89	-0.90	1284.04	80.05665	99.99913	-242.09508
IPM5D01_DS	-0.53	-0.78	1422.04	79.99866	99.99925	-241.96985
ITV5D01_US	-0.70	0.29	1562.33	79.93922	100.00033	-241.84278
ITV5D01_DS	-0.70	-0.37	1653.10	79.90086	99.99967	-241.76051