



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 09/14/2021

FROM: Elena Balan

Checked:

: C2005

DETAILS:

Data : M:\align\DATA\Step2B\BSY\3C_12\210812A
Step2B\BSY\3C_12\200103A

Listed below are components on the 3H as found data. This report it is completing of the C1999 data transmittal.

The found coordinates are in the CEBAF coordinate system. The Beam Following coordinates are the amount offset from the design (ideal) location, where a +X is beam left, a +Y is up and +Z is downstream from the ideal. Beam following values are in millimeters. Distance to target (S[m]) is upstream of the design Hall C target.

Component	S[m]	CEBAF-found			Beam Following	
		X[m]	Y[m]	Z[m]	dx[mm]	dy[mm]
IPM3H09	25.264	-140.00833	99.99624	-408.33267	0.66	-1.26
IPM3H08	19.774	-136.65968	99.99374	-403.98137	-5.50	-3.76
IPM3H02 (SEEBPM)	15.517	-115.17154	99.97780	-375.98685	-0.86	-0.21
IPM3H04 (SEEBPM)	13.033	-116.68510	99.97730	-377.95688	-0.09	-0.70
IBC3H07 (BCM)	8.606	-129.86369	99.99637	-395.12005	0.58	-1.13

Please consider that components IPM3H08 and IPM3H09 are the two big BPM with antenna that fits around the beam pipe in the dump area.