



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: B1695

DETAILS:

Below are the results of the of the recent beam pipe and component alignment from 2C21 downstream to MFC2H02A (Frascati) beam pipe. The coordinate system is reported in both the CEBAF mechanical and Beam Following systems.

	FOUND(M)			DELTA(mm)	
	Z	X	Y	X	Y
IHA2C21A_US	-360.53185	-80.59990	103.35590	-0.10	0.64
IHA2C21A_DS	-360.58394	-80.60008	103.35571	0.08	0.45
MQE2M01_US_BP	-362.46914	-80.59912	103.35303	-0.88	-2.23
MQE2M02_DS_BP	-366.76482	-80.59956	103.35481	-0.44	-0.45
BP_MID	-370.43264	-80.59996	103.35625	-0.04	0.99
MQK2C22_US_BP	-372.29883	-80.59912	103.35541	-0.88	0.15
COLL_BOX_USFLG	-383.68140	-80.60138	103.35530	1.38	0.04
COLL_BOX_DSFLG	-384.16656	-80.60177	103.35574	1.77	0.48
12.7MM_US	-383.77971	-80.60004	103.35523	0.04	-0.03
12.7MM_DS	-384.03301	-80.60000	103.35526	0.00	0.00
6.4MM_US	-383.77992	-80.60027	103.35566	0.27	0.40
6.4MM_DS	-384.05921	-80.60021	103.35567	0.21	0.41
2.6MM_US	-383.80264	-80.59997	103.35527	-0.03	0.01
2.6MM_DS	-384.05764	-80.60003	103.35525	0.03	-0.01
US_TURBO_PRAD	-384.93647	-80.59871	103.35610	-1.29	0.84
DS_TURBO_PRAD	-385.26955	-80.60020	103.35453	0.20	-0.73
2H00_USBP	-388.06659	-80.60189	103.35434	1.89	-0.92
2H00_DSBP_SML	-389.58604	-80.60158	103.35529	1.58	0.03
DS_TORUS_BP	-403.98852	-80.60081	103.35335	0.81	-1.91
BP_MIDWAY_TO_FWD_CAR	-405.95852	-80.60194	103.35388	1.94	-1.38
US_BP_FWD_CAR	-407.89652	-80.60048	103.35552	0.48	0.26
2H02_DS_BP	-414.12644	-80.60000	103.35515	0.00	-0.11
DS_BELLOWS	-414.30892	-80.60147	103.35181	1.47	-3.45
US_COLLIMATOR	-414.67144	-80.60021	103.35497	0.21	-0.29
IHA2H02A_US_BP	-414.87025	-80.59996	103.35572	-0.04	0.46
IHA2H02A_DS_BP	-415.06144	-80.59997	103.35588	-0.03	0.62
MFC2H02A_US_BP	-415.23563	-80.60078	103.35480	0.78	-0.46