



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 29 Jun 2010

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Checked:

: D1294

DETAILS:

DATA: \Geonet\SNET\Srv19

Below are the results of recent checks carried out on the location of the cryogenic pipe penetrations in north wall of Hall D. These were surveyed based on control points on the Jlab accelerator site. Ideal values are based on drawing #D00000-14-00-3000 (C).

	E (ft)	N (ft)	EI. (ft)	DE	DN	D EI.	Angle from N Axis
Ideal Pipe W	6203.26	2916.94	45.05				28.5
Ideal Pipe E	6206.26	2916.94	45.05				28.5
Found Pipe W	6203.19	2916.90	45.03	-0.07	-0.03	-0.02	28.7
Found Pipe E	6206.13	2916.90	44.93	-0.13	-0.03	-0.12	28.4

(The above values are based on the following Jlab Coordinates

<i>Ideal:</i>	<i>Pipe W</i>	<i>80391.3959</i>	<i>60087.7628</i>	<i>2109.6324</i>
	<i>Pipe E</i>	<i>80392.3103</i>	<i>60087.7628</i>	<i>2109.6324</i>
<i>Found:</i>	<i>Pipe W</i>	<i>80391.3744</i>	<i>60087.7528</i>	<i>2109.6263</i>
	<i>Pipe E</i>	<i>80392.2713</i>	<i>60087.7524</i>	<i>2109.5963</i>