



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Gaskell, D. Mack, G. Smith

DATE: 21 Sep 2010

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Checked: (jcd)

: C1319

DETAILS:

data: step2b\hallc\qweak\100914A & 100915A

The lintels were surveyed on September 14th and 15th, 2010. The location of a point on the lintel which is perpendicular to the beam line was calculated and shown below. The QTor center is the origin of the coordinate system with positive Z downstream, positive X is beam left and positive Y is vertical. Units are millimeters. The column titled Dist is the distance from beam line to the perpendicular point.

Between Coils	X	Y	Z	Dist
9 - 2	-8.3	1202.3	-683.0	1202.3
2 - 3	-846.2	853.1	-683.8	1201.5
3 - 4	-1198.5	-1.5	-685.3	1198.5
4 - 5	-847.5	-844.8	-684.7	1196.7
5 - 6	-4.0	-1196.3	-683.5	1196.3
6 - 7	849.6	-843.3	-683.6	1197.1
7 - 8	1201.7	2.4	-682.2	1201.7
8 - 9	842.6	856.5	-682.1	1201.5