



Jefferson Lab Alignment Group

Data Transmittal

TO: P. Medeiros

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Checked:

: C1563

DETAILS:

M:\align\DATA\Inspection\HallC\Moller Coils\140501A

Attached are the ASCII files for the Moller coil inspection. The coordinate system for coils 1 through 4 was established using plane "1_1" to establish the ZY plane, a line defined by the intersection of plane "1_1" and "1_3" to define the Z axis, and a point created by the intersection of plane "1_1", "1_3" and "3_1" to define the origin.

For coil 5 a new coordinate system was established based on discussions for improved importation of the measured points to the CAD model. This coordinates system defines the ZX plane as the surface plate("2_1"), a line created by the intersection of plane "2_1" and "2_3" to define the Z axis, and the origin defined by the intersection of the Z axis with plane "4_2".

All values are in inches. [COIL1.txt](#) , [COIL2.txt](#), [COIL3.txt](#), [COIL4.txt](#), [COIL 5 PTS.txt](#)



