



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 08 Dec 2008

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Checked:

: D1204

DETAILS:

Data: Inspection\HallD\081204A

Attached are the results from the survey carried out on the Hall D GlueX detector profiler. A right-handed coordinate system was established using the surface plate to control the pitch and yaw, and an average of the two vertical rails fixed the rotation. The XY origin is at the "home" position on the laser mount and the Z origin is on the face of the surface plate. Note: A survey target was temporarily glued onto the laser mount for the calibration measurements and does not reflect the actual ZXY location of the laser head, only relative movements.

[GlueX detector profile](#)