



Jefferson Lab Alignment Group

Data Transmittal

TO: T. Whitlatch, S. Razmyslovich

DATE: 17 Mar 2010

FROM: J. Dahlberg

Checked:

: D1271

DETAILS:

Data:Inspection\HallD\GlueX\100301a, 100312a, 100317a

Attached are the results from the Glue-X end plate inspections. For each plate (carbon back and aluminum front), a right handed coordinate system was established as per drawing # D00000-01-02-2008, and D00000-01-02-2009. A coordinate at datum A and datum C are given for each stereo hole for the angle to be calculated. Two coordinates are also listed for the normal holes on the front Al plate zones 2, 3, and 4. The accuracy is estimated to be within .0024". Holes which are slightly out of tolerance are in bold face. Holes which are further out, 1 on the carbon and 4 on the Al are in bold and boxed in. The 4 holes on the Al plate were confirmed with an additional survey, the carbon plate was not at this time.

[Al. front plate](#)

[Carbon back plate](#)

[Rod length/runout](#)