



Jefferson Lab Alignment Group Data Transmittal

TO: Mike Fowler

DATE: 28 Mar 2013

FROM: Chris Gould

Checked:
04/01/13 Matt Walker

: C1502

DETAILS:

M:\align\DATA\Inspection\HallC\SHMS\130312A

Attached are the results of the Hall C SHMS rail and pivot inspection carried out on March 12th, 2013. The coordinates are in the Hall C beam following format. +Z is downstream, +X is to the beam left and +Y is up. Values are in meters.

The roll angle of the pivot is 0.00deg and the pitch angle is 0.00deg. The average elevation of the pivot is -2.92572m. The location of the pivot is Z= -0.00034m and the X= 0.00042m.

The coordinates of the SHMS rail are to the inside diameter of the rail. The inside radius of the rail is 18.9642m. The location of the rail is Z= 0.005317m and the X= -0.001475m.

[SHMS Rail Inspection.xlsx](#)