## Jefferson Lab Alignment Group Data Transmittal

TO: A. Gavalya
FROM: Kelly Tremblay
Checked:
DETAILS:

The as-found coordinates for the target ladder surveyed on November $11^{\text {th }}, 2008$ are shown below. The coordinates are based upon the surveyed optics cell with the Hall A target center being the origin. Units are millimeters with a $+z$ coordinate downstream, $+x$ to the beam left and a +y being above the ideal beam. The drawing showing the tooling ball locations is shown on page 2.

| Tooling <br> Ball | $\mathbf{Z ( m m )}$ | $\mathbf{X ( m m )}$ | $\mathbf{Y ( m m )}$ |
| :---: | :---: | :---: | :---: |
| A | -231.053 | -0.613 | 1.21 |
| B | 224.282 | -2.768 | 0.8 |
| C | 306.503 | -6.432 | 49.27 |
| D | 306.662 | -8.314 | -166.58 |
| E | -271.131 | -3.396 | 49.61 |
| F | -271.229 | -4.089 | -166.22 |



