

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Donal Day, Marko Zeier

DATE: Oct 10, 2001

FROM: K. Tremblay

Checked: # : C707

DETAILS:

The following are the results of the as-found survey of the GEN01 target, performed October 10, 2001. The coordinates are based on the straight ahead beam, and form a right handed system, with +Z being in the direction of the beam, +X being transverse to beam and +Y being in the opposite direction of the gravity vector (relative to the plane of the beam). The deltas are the found location; ie. a negative Y value would mean the point is lower than the ideal location, a negative Z means the found point is upstream from ideal and a positive X would be beam left looking downstream. Units are millimeters.

Target Can At 29°

dZ = -0.12 dX = -3.89 dY = -0.32

Found angle of can = -29.637° relative to the straight ahead beam

Target Can At 36°

dZ = 0.25 dX = -3.99 dY = -0.30

Found angle = -36.672° relative to the straight ahead beam