

# Jefferson Lab Alignment Group

## DATA TRANSMITTAL

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**DATE:** 24 August 2001

**FROM:** Steve Hardisty

**Checked:**

**# :** C694

### DETAILS:

Attached are the results of the G0 target pre-alignment & actuator calibration. A right handed coordinate system centered on the upstream and downstream service module flanges was established with +Z looking downstream, + X to the beam left, and +Y up. All measurements are in meters unless stated otherwise. Because the 1 cm target cell is concealed inside the target can, the pitch and yaw was determined using Z measurements on the target cell upstream flange. After each actuator movement, measurements were taken at the target cell upstream aperture, the outside target can at the Z location of the inside target cell, and near the downstream end of the target can (in that order). In addition, Z measurements of the three points were recorded at certain intervals as requested.

