

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Dave Kashy

DATE: 31 Mar, 2000

FROM: Jim Dahlberg

Checked: # 589

DETAILS:

Below are the results of the final survey performed on the Hall B double cell target located in the EEL building. Because of the difficulty accessing the upstream target cone and probing the fragile surfaces, the accuracy is estimated to be + - 0.30mm (also based on repeatability between two separate surveys). The coordinates are relative to a line formed between the upstream end of the machined area of the 10" tube and the 12" flange; both located on the main support structure. A negative X value is to the beam right, and a positive Y value is high. The units are in millimeters.

| LOCATION | X | Y |
|-----------------------------|-------|-------|
| Upst target cone | -0.24 | +0.15 |
| Dnst target cone | -0.15 | +0.22 |
| Upst end of 16.7mm tgt. | -0.22 | +0.33 |
| Dnst end of 16.7mm tgt. | -0.15 | +0.35 |
| Dnst end of target assembly | -0.15 | +0.25 |