



Jefferson Lab Alignment Group

Data Transmittal

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FROM: J. Dahlberg

Checked:

: C1243

DETAILS:

Data: Step2b\HALLC\Hks_Hes\090731B, 090814A

Below are the results of the recent surveys carried out on the pivot and HKS girders. A +X (in millimeters), is to the beam left from ideal, and a +Y value is above. For the pivot girder super harps, the encoder values and caliper distances between the flanges are from the March 02 survey. The HKS girder super harp data, (previously G0) are from the Dec 05 survey.

| LOCATION | X | Y | ENCODER / DIST. BETWEEN FLANGES |
|------------|-------|-------|---|
| PIVOT GIR. | | | |
| MAP3HH00 | +0.20 | +0.38 | |
| IPM3H00A | -0.01 | +0.06 | |
| IHA3H00 | -0.29 | -0.07 | (X1: 653A/167.96) (Y1: A70B/188.30) |
| IPM3H00B | -0.28 | -0.10 | |
| ITV3H00 | +0.02 | -0.02 | |
| IHA3H00A | -0.38 | +0.12 | (X1: 6B38/169.92) (Y1: 9DF4/186.18) (X2: E100/207.19) |
| IPM3H00C | +0.05 | +0.16 | |
| VBV3H00B | +0.14 | +0.07 | |
| HKS GIR. | | | |
| CARLINI | +0.56 | +0.04 | |
| IPMSH000 | +0.57 | -0.12 | |
| IHA3H001A | +0.13 | +0.05 | (X1: 65C8/115.23) (Y1: 9D4D/132.86) (X2: DEE8/153.42) |
| IPM3HEH | -0.02 | -0.11 | |
| IPM3HEV | -0.08 | +0.09 | |
| IBC3HE | -0.15 | +0.07 | |
| IOR3H1 | -0.15 | -0.01 | |
| IHA3H001B | -0.06 | +0.05 | (X1: 7E5E/117.29) (Y1: ABFA/131.75) (X2: F2B2/154.02) |
| IPM3HF | -0.59 | -0.14 | |