



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

: C1413

DETAILS:

\\Geonet\EXP3\Adjust\Srv45, 46, 47

Below are the results of the elevation surveys carried out in Hall C during the removal of the HKS magnets. Three surveys were conducted, the baseline survey was carried out on June 10th, the mid-way survey was on October 7th, and the final survey was on October 25th. Differences in millimeters are given between the initial and mid-way, and the initial and final surveys. The measured points consisted of regular floor control (RSC), PK nails and rivets in the floor around collimator 1 and the HKS magnet, and tooling ball blocks glued to the Q-Tor (BL..) and the Ferris wheel (FW). These are located as shown in the accompanying drawing.

Point	Initial to Mid	Final to Mid
RSC0010	-0.01	0.09
RSC0020	0.03	0.16
RSC0025	-0.11	0.10
RSC0035	-0.03	0.11
RSC0052	-0.01	0.22
RSC0080	0.07	0.22
RSC0110	-0.13	0.11
RSC0130	-0.03	0.14
RSC0140	-0.03	-0.02
RSOS006	0.00	0.09
PK11	0.07	0.21
PK12	0.04	0.14
PK13	0.21	0.22
PK14	0.15	0.09
BLUSQTR	-0.06	0.20
BLDSQTR	0.14	0.05
FW104	0.41	1.15
FW105	0.53	1.31
FW110	0.12	0.41
FW111	0.07	0.50
PK1	0.03	0.33
PK2	0.24	0.50
PK4	-0.04	0.26
RIV1	0.00	0.23
RIV2	0.11	0.15
RIV3	0.02	0.33

Location of Measured Points:

