

Jefferson Lab Alignment Group

DATA TRANSMITTAL

TO: Jim Dunne

DATE: 11, July ,2000

FROM: Steve Hardisty

Checked: # : C617_

DETAILS:

Below are the results of the Hall C super harp (IHA3H00-IHA300A) survey performed on July 07,2000. Included is the updated fiducialization data performed on June 27, 2000. Note that the encoder values represent the wire position when centered on the harp cross (housing), therefore, the as-set location of the cross must be accounted for.

AS-SET POSITION (relative to ideal beam centerline)

Upstream cross: 0.27mm to the left looking downstream, 0.05mm high

Downstream cross: 0.11mm to the left looking downstream, 0.26mm high

SUPER HARP IHA3H00 (upstream)

Encoder value for retracted vertical wire:	672D
Encoder value for extended vertical wire:	DDBA
Encoder value for horizontal wire:	A492

SUPER HARP IHA3H00A (downstream)

Encoder value for retracted vertical wire:	64A4
Encoder value for extended vertical wire:	DA01
Encoder value for horizontal wire:	9BCE