



Jefferson Lab Alignment Group

Data Transmittal

TO: B. Miller, M. Wiseman

DATE: 27 Apr 2007

FROM: Kelly Tremblay

Checked:

: C1109a

DETAILS:

Data : inspection\bsy\Linec\bpmbox_replacement\070424a

A location survey was carried out near IPM3C20AH/AV, known as the BPM box. The following locations are shown in machine coordinates relative to the CEBA coordinate system. The upstream flange, UP_FLG is approximate as the cover could not be removed and a taped distance of 148 millimeters upstream was used to determine its location. The downstream flange DS_FLG is at the midpoint between the connecting flanges. Note also that the downstream flange is offset of the actual ideal beamline in the y direction. The point labeled DN_FLG* is the actual center of the flange while the beam centerline y coordinate is shown in DN_FLG. The y coordinates for the pedestal edges shown are relative to their found locations and the x/z coordinates are where they intersect the ideal beam centerline.

Point	Z(m)	X(m)	Y(m)
UP_FLG	-371.870	-112.012	99.982
ED_UP1	-371.987	-112.101	99.795
ED_UP2	-372.119	-112.203	98.794
DN_FLG	-372.947	-112.839	99.984
DN_FLG*			99.959
ED_DS	-372.953	-112.843	98.849
DS_BELLOWS_CL	-372.911	-112.811	99.984
US_BELLOWS_CL	-371.826	-111.978	99.982

