



Jefferson Lab Alignment Group

Data Transmittal

TO: D. Kashy, O. Pastor

DATE: 20 Mar 2015

FROM: Kelly Tremblay

Checked: (cwg)

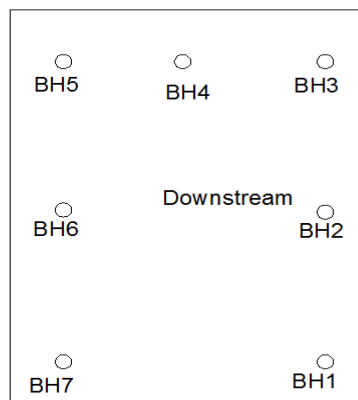
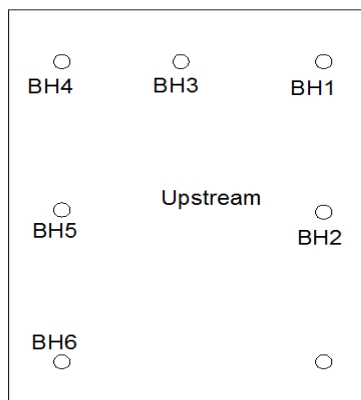
: B1613

DETAILS:

data: inspection\hallb\torus\ccm003\150309a

CCM003 was surveyed in Hall B at an approximate rotation angle of 210° from the vertical. The upstream and downstream cold beam hex arms were attached and the bolt holes were measured where the next horizontal vacuum jacket will be installed. The following data points were measured and compared to the design bolt hole locations from the beamline.

Radial Distance from hall B beam line [mm]				
DownStream				
Bolt	Found		Ideal	Difference
BH1	3946.3637		3976.4	-30.0
BH2	4038.6589		4068.8	-30.1
BH3	4131.3281		4161.2	-29.9
BH4	4131.0745		4161.2	-30.1
BH5	4131.6989		4161.2	-29.5
BH6	4038.9746		4068.8	-29.8
BH7	3946.5443		3976.4	-29.9
Upstream				
	Found		Ideal	Difference
BH1	3142.8455		3155.7	-12.9
BH2	3050.7176		3063.3	-12.6
BH3	3142.1319		3155.7	-13.6
BH4	3143.3912		3155.7	-12.3
BH5	3051.4031		3063.3	-11.9
BH6	2958.8909		2970.9	-12.0



BEAM DIRECTION →