# Sefferson Lalu $\rightarrow$ <br> <br> Jefferson Lab Alignment Group <br> <br> Jefferson Lab Alignment Group Data Transmittal 

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\# : C1889

## DETAILS:

Below are the survey results for IPM3H08 and IPM3H09 as measured on 08/17/18. A constructed circle through three of the connector flanges defines the position. A constructed line through two of the connector flanges defines the orientation. Coordinates are in a Beam Following System where $a+X$ is beam left and a positive $Y$ is up. A negative roll angle is CCW from the +X axis looking downstream. Values are in mm and degrees.

|  | X | Y | Roll ${ }^{\circ}$ (Rz From $X$ ) |
| :--- | ---: | ---: | ---: |
| IPM3H08 | 4.61 | -3.62 | -36.718 |
| IPM3H09 | -4.01 | 1.21 | -36.462 |

