



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 07 Jan 2021

FROM: Robert Mares

Checked:

: F1993

DETAILS:

data: Step2B\LERF\ISO\210106A

The following are results of the survey conducted of the LERF ISO target components on January 6, 2021. The coordinate system has been defined using the as found locations of the MQX1X01 magnet and the flange with the beryllium aperture. Positive X is to beamline left, positive Y is above beamline, and positive Z is downstream. Beam following values are in millimeters and degrees.

Description	X[mm]	Y[mm]	Z[mm]
MQX1X01	0.00	0.00	0.00
Aperture Flange	0.00	0.00	1371.01
Aperture Thermocoupler	0.12	-0.20	1553.56
Target Block US	-0.01	0.24	1678.61
Target Block DS	-0.09	0.12	1767.50
Description	Rot X (Pitch)	Rot Y (Yaw)	Rot Z (Roll)
Target Block	0.0782	0.0516	0.2390