Below are the results from the spectrometer pointing surveys carried out on the Electron and Hadron arms on August 31st.

================ RESULTS ================= E083101A

The central ray of the spectrometer is at -15.798 degrees. It is missing the defined target center by 1.61 mm upstream, and -0.09 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at -15.809 degrees.

*.9pr = 0.114 *.3dd = 1.03

================ RESULTS ================= H083101A

The central ray of the spectrometer is at 15.822 degrees. It is missing the defined target center by 2.89 mm downstream, and -0.36 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 15.803 degrees.

*.9pr = 0.098 *.3dd = 1.42