Below are the results from the spectrometer pointing surveys carried out on the Electron and Hadron arms on February 27 and on March 5th.

================ RESULTS ================  E022701A

The central ray of the spectrometer is at -16.826 degrees.  
It is missing the defined target center by 1.70 mm upstream,  
and .59 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -16.838 degrees.

*.3dd = 1.10  *.9pr = 0.11

================ RESULTS ================  H022701A

The central ray of the spectrometer is at 51.036 degrees.  
It is missing the defined target center by .45 mm upstream,  
and .80 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 51.039 degrees.

*.3dd = 2.14  *.9pr = 0.12

================ RESULTS ================  E030501A

The central ray of the spectrometer is at -37.445 degrees.  
It is missing the defined target center by 1.38 mm upstream,  
and .02 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at -37.454 degrees.

*.3dd = 1.52  *.9pr = 0.11

================ RESULTS ================  H030501A

The central ray of the spectrometer is at 49.983 degrees.  
It is missing the defined target center by .00 mm downstream,  
and .98 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the  
spectrometer will be at 49.983 degrees.

*.3dd = 2.38  *.9pr = 0.13