Below are the results from the hadron spectrometer pointing survey carried out on the 17th of May, 2000.

================ RESULTS ================= H051700a

The central ray of the spectrometer is at 47.100 degrees. It is missing the defined target center by 1.09 mm upstream, and .69 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 47.107 degrees.

To achieve this optimal setting, make the following adjustments:

Horizontal corrections:
  Move rear jacks along tangent 1.11 mm upstream.

Vertical corrections (positive = up):
  Central jack: .16 mm.
  Upstream rear jack: .26 mm.
  Downstream rear jack: 1.79 mm.

*.3dd = 1.19  *.9pr = 0.12