

# Septum Field Correction and Run Summary

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He<sup>3</sup> Collaboration Meeting

July 21st, 2005

# Septum Correction Update

- The 9° corrections to  $y_{\text{target}}$ ,  $\phi_{\text{target}}$ , and  $z_{\text{react}}$  have been adjusted so that there was no offset. Thus if the magnet is set correctly no correction will be made.
- A look up table for the 9° corrections has been made.
- Vince and I have also decided that we can use a modified version of the septum saturation corrections at 6°.
  - We will need to remove the offset differences from his different 6° databases and use one offset.
  - This approach will be tested by seeing if the correction returns the offsets from the optics data.

# Run Summary and Implementing Corrections

- I have gone through log books to determine version 1.0 of the good/bad run list. The primary decision about the run comes from the logbook and run length.
- I am currently working on making a Perl script that with interface with Jaideep's EPICS database to extract good run information.
- This list is not static. I will be looking into run recovery, and would appreciate anyone finding a mistake in the list to let me know.
- The list will be placed on the webpage.