

MICE Spectrometer Solenoid Repair Plan Review
MAP Technical Board
Tuesday, September 13th 2011

Charge:

A timely repair of the MICE Spectrometer Solenoids is crucial for both MAP and MICE. We must ensure that the plan is both adequate and, since it will require a significant fraction of MAP FY12 funding, is also fiscally responsible.

Review and comment on the following:

1. Are the past problems with the spectrometer solenoid sufficiently well understood so as to have confidence in the repair plan?
2. Does the repair plan adequately address the known past problems with the spectrometer solenoids?
3. Is the repair plan sufficiently conservative so as to limit the risk of another failure to an acceptable level?
4. Is the test plan appropriate? Is it sufficiently detailed in order to guarantee successful operation of the spectrometer solenoids in MICE, if the magnets pass test at the vendor?
5. Is the schedule credible? Are the schedule risks acceptable?