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## **Final Report of the Fermilab Evaluation Team on the Spectrometer Solenoid**

### **Abstract**

This document presents the final report of the Fermilab Evaluation Team (Kashikhin, Kerby, Sanders) on the MICE Spectrometer Solenoid. This report covers the operational aspects of the various magnet systems (cryogenics, magnetic and vacuum) and offers recommendations on mitigation of known problems and presents new analyses of the cryogenic, magnetics and quench transient performance.