

MICE Muon Beam: conventional magnet commissioning plan

Update 20May08:

- Have commissioned all conventional magnets separately;
- Outstanding item is 'string test': Q1-3, D1, D2, Q4-6, and Q7-9;
- When D2 water is changed over to 'permanent water' take opportunity to do string test as soon as practical.

Goals:

By the end of the ISIS shutdown, 19th May to 29th May 2008 to have:

- Commissioned and soak tested all conventional magnets in the MICE Muon Beam;
- Performed a polarity check on the decay solenoid; and
- Performed a soak test of all the conventional magnets simultaneously.

Personnel:

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Date		Magnets		Who
Tuesday	20 th May 2008	Q1 – Q9, D1 & D2	Soak	MH, AD, HS
Wednesday	21 st May 2008	Q1 – Q9, D1 & D2	Soak	MH, AD, HS
Thursday	22 nd May 2008	Q1 – Q9, D1 & D2	Soak	MH, KT, AD
		Solenoid	Polarity test	MH, KT, AD
Contingency				
Monday	26 th May 2008	Q1 – Q9, D1 & D2	Soak	MH, HS
Tuesday	27 th May 2008	Hysteresis measurements if possible		