



Beamline

Data Mover



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Beamline

/home/epics/epicsPRO/Config/opi/edl/BeamLine.edl

MICE BeamLine Summary

Tgt	Q1	Q2	Q3	D1	PA	D2	Q4	Q5	Q6	BS	Q7	Q8	Q9	DIFF
On	On	On	On	On	OK	On	On	On	On	OK	On	On	On	OK
102.4 A	127.9 A	89.0 A	323.1 A	669 Amps	0 mm	94.2 A	158.1 A	212.0 A	140.6 A	Closed	138.7 A	209.8 A	179.2 A	0.2 X0
102.4 A	128.0 A	89.0 A	323.2 A	671 A	0x 0	94.1 A	158.1 A	212.1 A	140.6 A		138.7 A	209.9 A	179.2 A	2.8 mm
+	+	+	Negative			Negative	+	+	+		+	+	+	0x 1
9.2 V	11.5 V	8.1 V	124.8 V			35.0 V	24.5 V	32.9 V	21.0 V		21.7 V	33.6 V	28.0 V	
0.5 C	0.5 C	0.5 C	11 l/min			11 l/min	10 l/min	11 l/min	10 l/min		10 l/min	10 l/min	11 l/min	
0.5 C	0.5 C	0.5 C	17.0 C			2.0 C	2.0 C	1.5 C	3.5 C		1.5 C	3.5 C	2.5 C	
TgtCtl	Q1Mon	Q2Mon	Q3Mon	D1Mon	pAbsort	D2Mon	Q4Mon	Q5Mon	Q6Mon		Q7Mon	Q8Mon	Q9Mon	Diffuser
				DSPS										BLready
				DSCryo										Exit
				CryoStatus										
				ColdBox										





Target

Installed S-series in December, now using site cooling water.

- 20k successful pulses
- Stable running at 30 deg.C
- (frame not lowered - admin issue)
- Stopped off twice with quadrature error, tripping BPS (i.e. ISIS in real running)
 - Fibres disturbed by other activity, shows how fragile it is; henceforth *no underfloor activity in RR1 when running.*



Magnets

Conventional Magnets

- Ran fine; currents set via integrated controls
- Known issue with limited ISIS cooling water flow was managed, will be sorted out next week
- Decay Solenoid set to 200A overnight i.e. prepared the day before; currents set on the day via integrated controls; BLOC training today.
- Pneumatic Proton Absorbers set via integrated controls
- Beamstop not used (admin issue); BLOC training today



MLCR

No alarm notification active

- I don't believe this is acceptable once ISIS/DSA close

Still have confusing multiple prep lists and incomplete documentation

- No obvious progress since June; have until March...



Data Mover (Janusz)

moveFiles script tested OK on existing data, should now try on a run that also has OnMon, OnRec, etc.
Output available

DataMover - a change in the API we use means directories are no longer automatically created at the destination

- Worked around

Offline Reco - no longer have permissions to run at RAL T1; admin issue

Shows value of regular test runs