

2017-01-06-Tasks for Winter Shutdown 16th Dec 2016 to 14th Feb 2017

Hall

- Oxygen depletion sensor service – 30th Jan
- Polarity sensor (POMPOMs) radiation damage test (sometime in 23rd-27th Jan; needs PPS permit)
- Neutron Monitor.
- Proton Absorber 29mm slab upper limit (DSA)
- Water circuit from South west corner to trench - T into trench heat exchanger primary circuit
- Trench water system #1878 :
 - reverse trench heat exchanger primary flow.
- Diffuser iris 4 – possibly an air pressure issue.
 - Works well now – test and re-test and re-test with field on.

Code Updates C&M

- Micenet lockout #1399 by end Jan.
- Compressed air at Diffuser not reported in EPICS, #1888
- Air flow meter modifications replicate SSD solution for SSU.
- SS magnet operational tutorials - practical
 - Ramp commands to SSU M coils
 - GUI updates - 'information only GUI for SS magnets for shifters'
 - State Machines for Alarms and Archiving, for
 - Target, #1896
 - Beamline, #1880
 - Services and Environment, #1881
 - Computing: UPSs #1213 ; File Compactor, #1895
 - Macro 'code topology' documentation
 - Magnet monitoring GUIs should be made shift friendly (no access to compressors etc..)
 - Water pump GUI password protected, #1891

Electrical

- PPS functional test – 25th Jan
- Conventional magnets
 - Earth Leakage tests (Q789 at magnet)
 - Q2 power supply
 - magnet Interlocks alarm is inoperative
 - PT100 sensors fit to FC in R9 – **Not complete waiting for John Govans to drill holes in copper blocks.**
 - ~~Review Cooling channel connection drawings with magnet experts at RAL (if required)~~ – **Handed over drawings but no review meeting.**
 - Fit cable numbers to SS dump circuit cables (John to provide labels / numbers) – **Not done waiting for cable numbers and labels.**
 - Replace relay bases on PS interlocks for SSU, SSD and FC

Detectors

- * Firmware for EMR spare
- * New Target control PC (RR1) - today
- * [Restart R78 target test facility and test T2; rebuild S3?] next week