

- Actions. NONE
- Response to MPB/RLSR
  - [2015-11-10-Actions-n-recommendations-V1.xlsx](#);  
[ResponseToFeedback.pdf](#)  
 Next bi-monthly report is due pre-Xmas.  
 KL has assigned 3 possible deadlines:
    - end of month,
    - before xmas
    - next MPB.
- Response to RF review - CW/KR
  - 1<sup>st</sup> draft CW, KR draft to next MIPO.
- Focus Coil/Hydrogen system – SW
  - FC 20 hrs soak test Solenoid mode
  - Suspected leak in H2 system – ongoing, perhaps cold head.
  - Magnet running at 4.7K for 2 weeks. Slight increase in He pressure. CW,PHM to verify flow at blowers. – confirmed running.
  - FC to ramp up Thurs down Fri. Expect ramp to 225A then reduce to 200A and soak. Possibility of quench.
  - Quote for FC from Tesla. Will provide quote, at least indicative w/o H2, end this week.
- Spectrometer solenoid – MP
  - MAP directors technical review.
  - MP aiming for review on 3-4th Dec, remaining reviewers to confirm. Date of review will be fixed by end week
  - FNAL teams working on preparation.
  - Detail work on repair plan by FNAL and Berkeley.
  - Discussion - think SSD is unlikely to survive warm up and cool-down.
  - Lead plan is new bobbin.
  - Electrical engineering looking at protection and PS configuration.
  - Systems analysis underway to look at realistic operating regime. Will have info ready for review.
  - KL optics study has started.
  - JB TA comments on leak testing?
    - Expect response in next 48 hrs.
  - Regulators for Helium gas in progress
  - MT waiting price for monitored valves. Will give plan this week.
  - correction CW MT waiting response from A Bross re approval to buy valves.
- Decay solenoid – awaiting results from DL tests.
  - Update 18.30 Tues 10<sup>th</sup>. AG opened power supply, output switch

has extensive damage/ evidence of arc/burning with localized smoke/heat damage. Will disconnect DS and check continuity tomorrow morning. Initial impression is that power supply requires significant repair with new parts required. No short term repair possible. DS out of operation until diagnosis complete and repair parts can be procured.

- Hall cooling water

JG pump controller Mon 16<sup>th</sup>, 4hrs?

MP Temperature thresholds were very tight, normally designed for 25C temperature rise. Use citric acid, milder.

**Action on CW** to return to JG, regarding flush in place. CW discussed with JG, needs access to DSA which could be done on ISIS maintenance day 24<sup>th</sup> November.

JB cryomech compressors require access code reset, some have no clock and so cant get access to retrieve restart code. Should not expect all compressors to re-start. Would require spares ready for replacement.

MP less than 12 hrs.

MP given plumbing can JG flush without disturbing compressors. Earth leakage sensor should be checked. JG will request MG attend on 24<sup>th</sup> Nov to confirm impedance to ground.

- MICENet – PMH

PMH met head of Diamond (Epics) - Controls system is completely independent gateway pc feeds PV to other sub-nets.

Plan:

Remove DNS from controls.

Disable ssh on controls iocs - under state machine, re enable ssh when not running.

Move to single password protected gui,

When operating all iocs become read only.

**Action on PMH** to circulate half page on MICENet, end this week.

Plan to implement by Mid-December

- PRY – CW

JT to circulate response today.

AB notes time is short. Complete end of week?

- LiH - CW/RP

Final drawing ready to send to FNAL for quote.

Not pipeline, special financial instrument instead, Roy Preece has this in hand, all we need is Y12 quote.

FNAL will see money is available. Alan B will place PO.

- Hall Hit List – CW

Compressors communications, DL agreed to visit once more if PMH is unable to resolve independantly. PMH has equipment to try later this week.

AOB.

Staff from TD may become additional DCs

Slots on training prog for DC staff have been secured.

DWark has letter of appointment ready.