

LH2 6/7/17

CW, JT, AK, MT, HN, JB

### Actions

Action AK follow through de-bugging of FC datalogger.

- Stands

Action CMcW to install NI development environment on MICENet machine?

- Stands. CMcW not aware – now advised.

Action MT/JB to agree and implement testing of quench valves.

- Stands

Action PW. to modify purge sequence limits in agreement with JB.

- Stands

Action MT/JB/AK to agree monitoring GUI, discuss alarm handler and agree archiver PVs – Agreed GUI – will implement both alarm handler and Shifter GUI. All PVs will be archived.

Action AK to clarify how HMI is connected to PLC. PW confirms PLC is connected on local Fins Ethernet. **Action AK/PW** to determine required connections.

Monitoring and archival of data - PF/AK

Tuesday progress meeting

- new simpler GUI AK to implement – expert GUI.
- also shifter GUI.
- Alarm handler with selected PVs
- Archive all PVs
- **Action JB** to post notes from meeting to Wiki

Current technical

FC pressure rating

- Documentation JT – now complete. JT will circulate.
- JB argument doc supporting pressure rating – in progress.
- **Action CMcW** to search for radiation shield temp & helium pressure to identify time when CW pumped out interspaces while hydrogen volume remained at atmospheric pressure. Supporting evidence Fc is not damaged by 1 bara differential between interspaces and hydrogen safety volume.

Refurbishment of pipework from turret to gas panel and plenum.

- JT released drawings 4/7/17. P Lester to fabricate.
- H2 supply line 'boot' - complete – delivered, EC surfacing complete.
- Bellows lockout ring with workshop. Materilas ordered, expected Fri/Mon
- Lifting gear for counter balancing top-hat arrived, documentation copied to R12, counterweights now ready for use.
- Quench line support - ?? to design?

Refurbishment of pipework from plenum to roof and vent

- Swap 2nd sections and cut new holes in shed at higher level to clear obstructions - PL to implement. No progress to date.

#### Neon Run

- Action JB/MT/CMcW to verify instrumentation.
- Start cool down Thursday.
- Re-fill with H2 time estimate – 1 to 1.5l of neon took approx. 12 hours. Update will be possible at first H2 operation.

#### Shifters

- Atex training
  - Completed Atex. MT, MC\*, PW\*, CMcW\*, SW, VB\*\* (\* denotes limited availability)
  - to complete Atex. CW, JB, HN, PK\*

Training at Wrexham 3/4<sup>th</sup> August– HN, CW

Training at RAL 20/21<sup>st</sup> September JB, PK?

#### Timetable

- This week
  - complete MLI and instrumentation tests.
  - 100mm bend and 150mm bellows onto FC
- Next week
  - FC/SS bellows early next week.
  - Plan FC on-line Wed
  - **Action PF** to re-instate remote monitoring and control for neon run.

Next meeting.

- Thurs 14<sup>th</sup> July

AoB