

RACF/SDCC Network Operations Status Report (Jan 31, 2019)

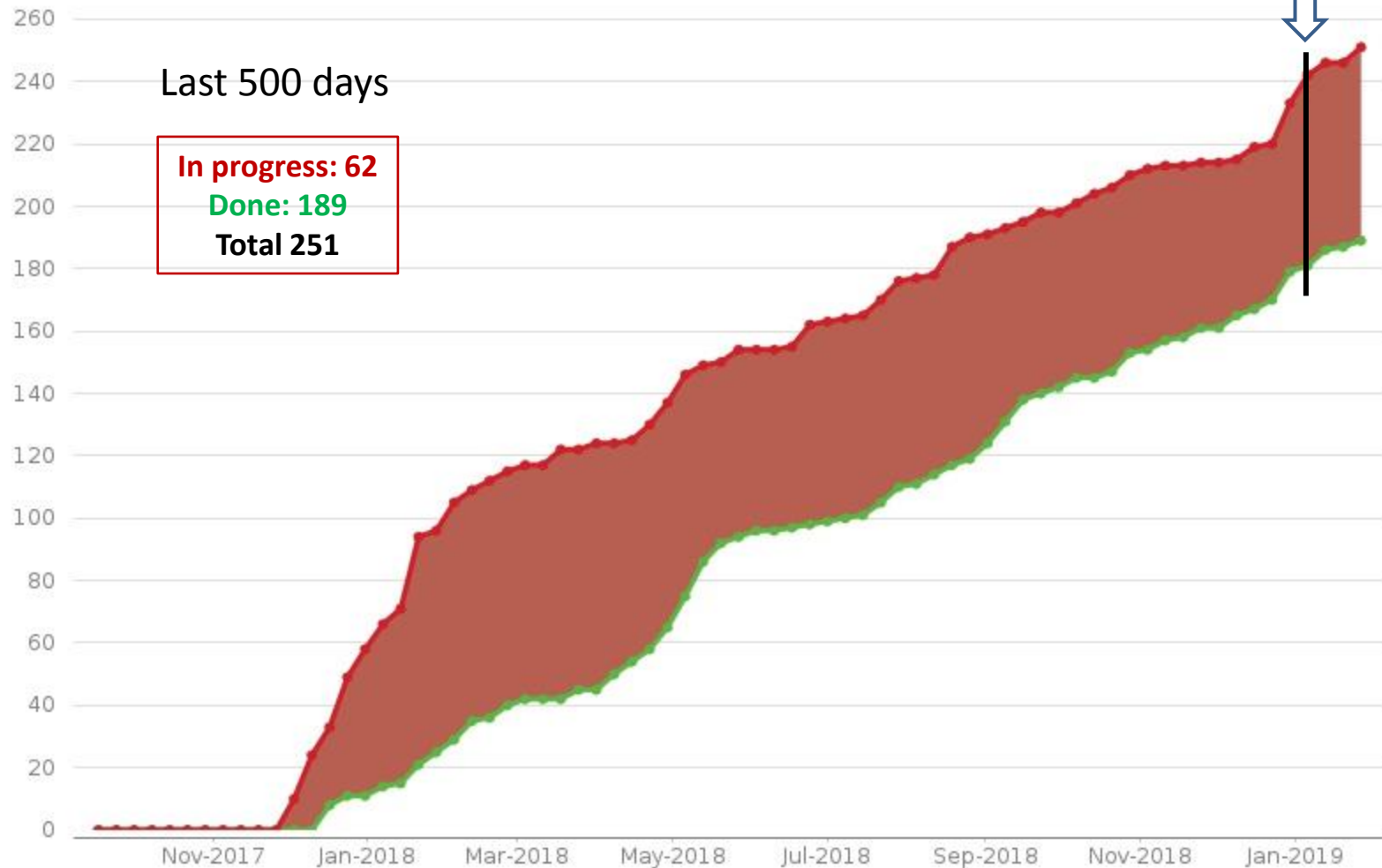
Alexandr ZAYTSEV
alezayt@bnl.gov

Project: Post RHIC Migration BCF & CDCE Cleansing & Service Normalization (2018Q1-2019Q2)

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 500 days.

Previous Report

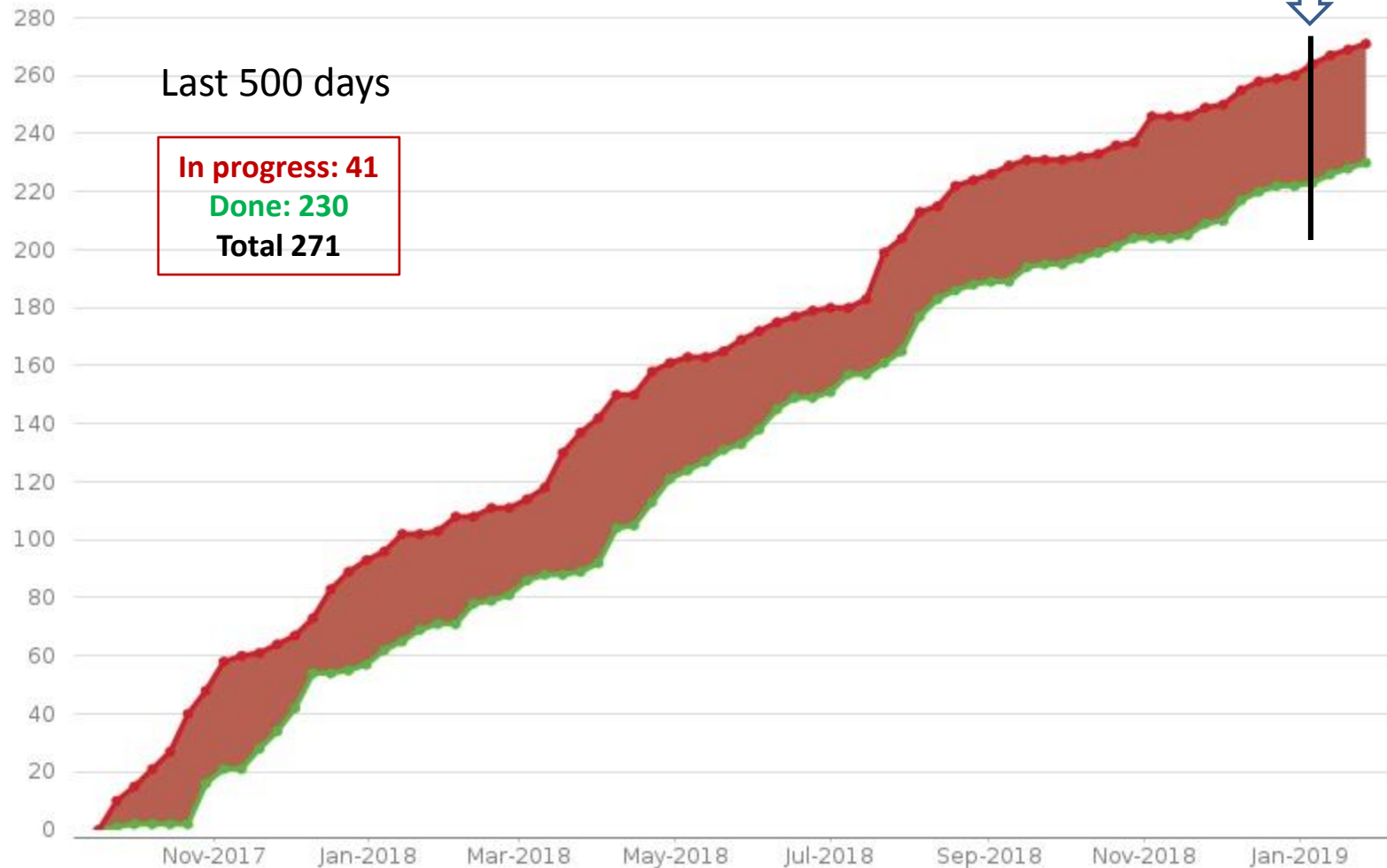


Project: RACF/SDCC Network Operations & Interventions

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last 500 days.

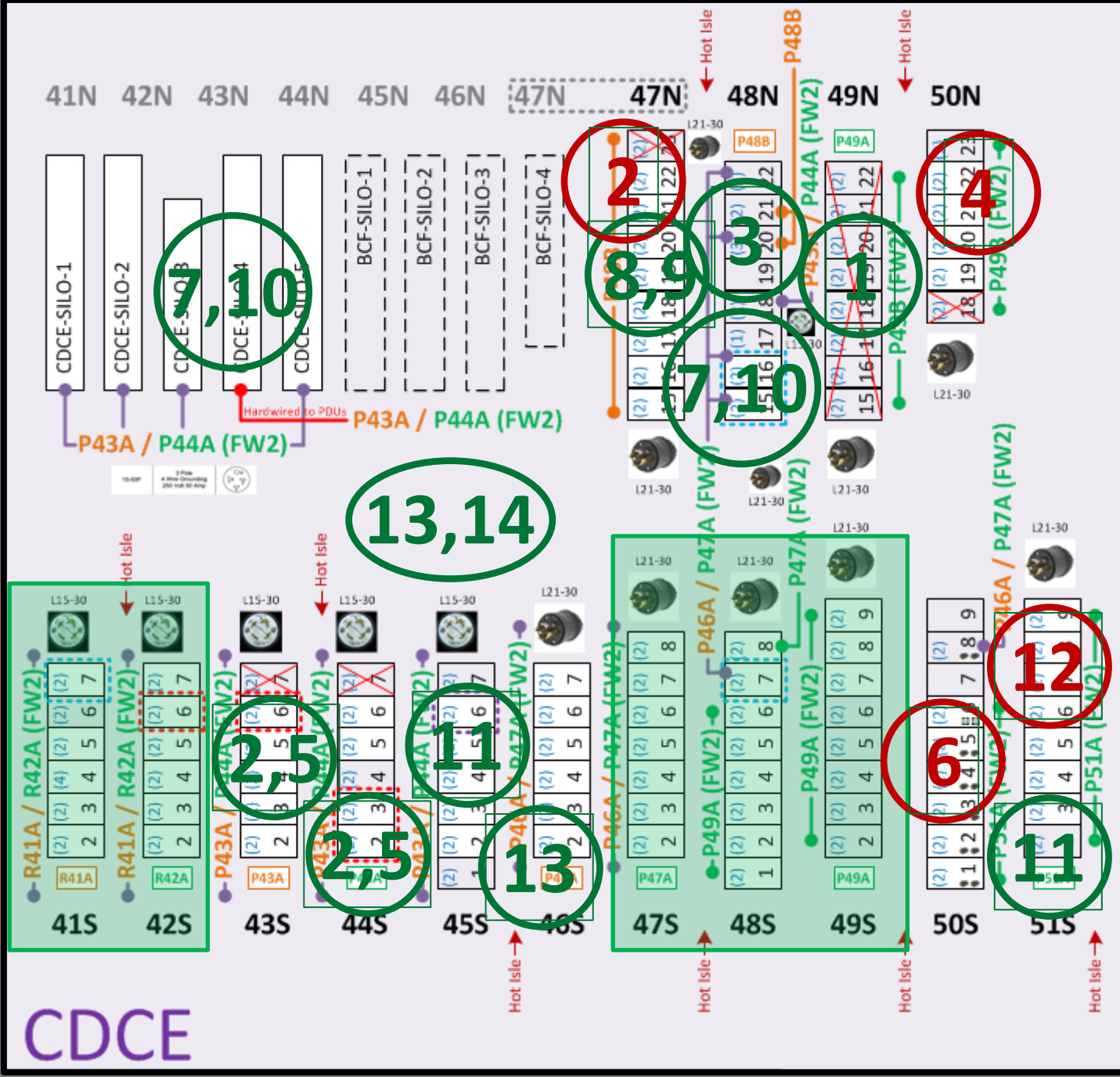
Previous Report



Numerous Concurrent Interventions and Equipment Deployment/Retirement During This Month

- Electrical interventions in the CDCE of Jan 14, 2019 – Feb 1, 2019 (grounding work): disruptive part is done; grounding of the racks is being finalized; additional follow-up work may be needed (scope and timeframe to be clarified)
- Row 47N of Farm equipment is moved to correspondent positions in row 49N: all compute node racks in CDCE are now on FW2 power for the first time; space is now available (or rather can be made easily available) for moving all 4x SL8500 silos from BCF to QCDOC
- Row 49N configuration is finalized for FY19-21
- Row 2 configuration is finalized for FY19-23
- BG/Q machine and associated support racks – gone; space for 2019Q1-2 Simons Foundation extension is available
- HPC1 cluster and storage (3 racks) moved from QCDOC to BGL room (to be retired eventually)
- New IC cluster racks are deployed (3 racks): path for CFN Gen.3 retirement is now open
- BlueArc legacy storage is removed from Facility by the BNL riggers
- 19 racks of legacy RHIC storage being retired are getting ready for removal from the Facility
- Large shipment of ATLAS Tier-1 disk arrays received in CDCE (21 pallet) and most of this equipment is deployed at the new rack frames at temporary location pending row 46S space availability for final installation. One more shipment similar in volume is expected in Feb 2019.
- New Belle II dCache storage is received and deployed
- New RHIC central storage is received and being deployed

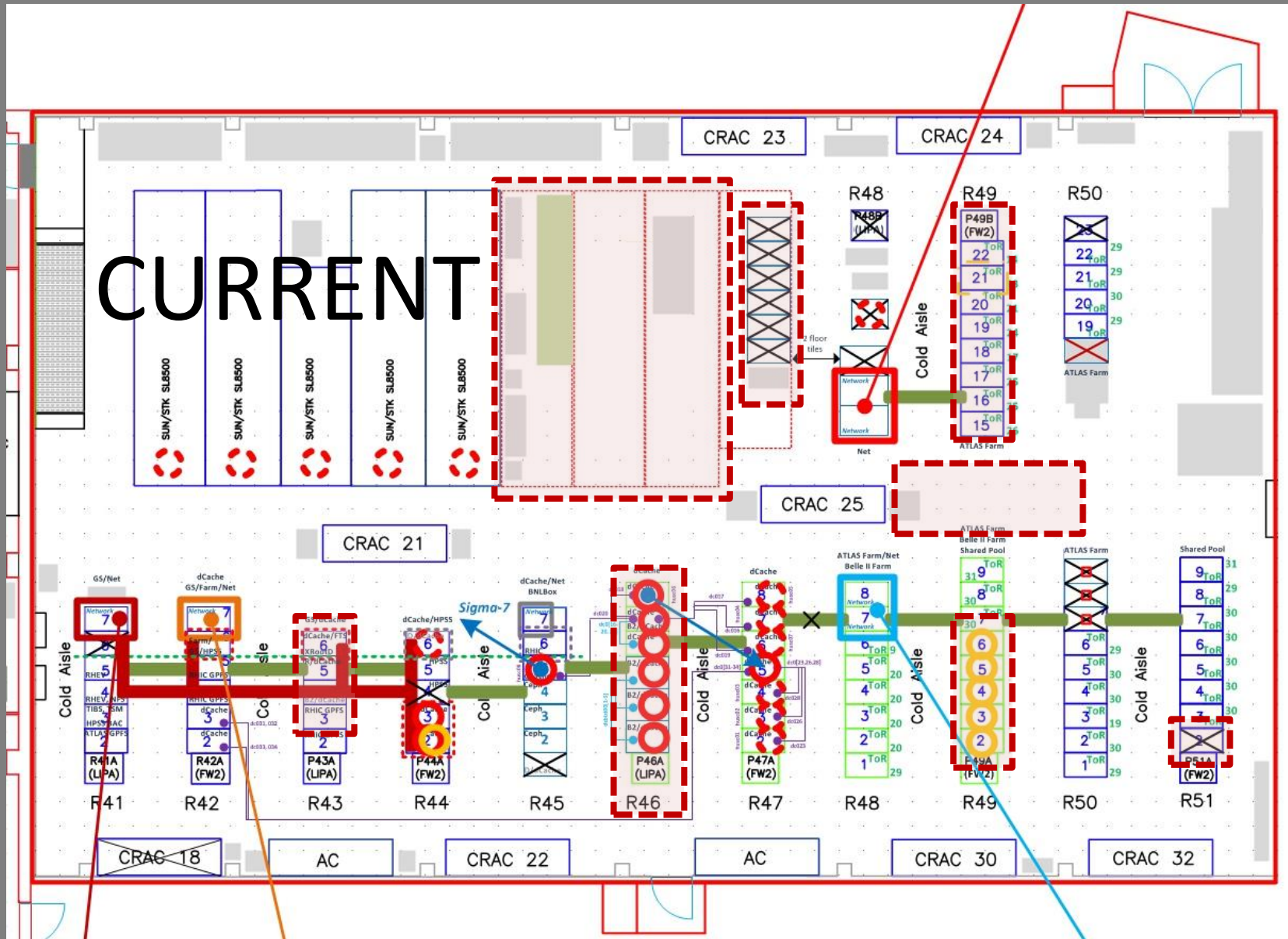
Electrical interventions in the CDCE between Monday Jan 14, 2019 and Friday Feb 1, 2019 (grounding work)



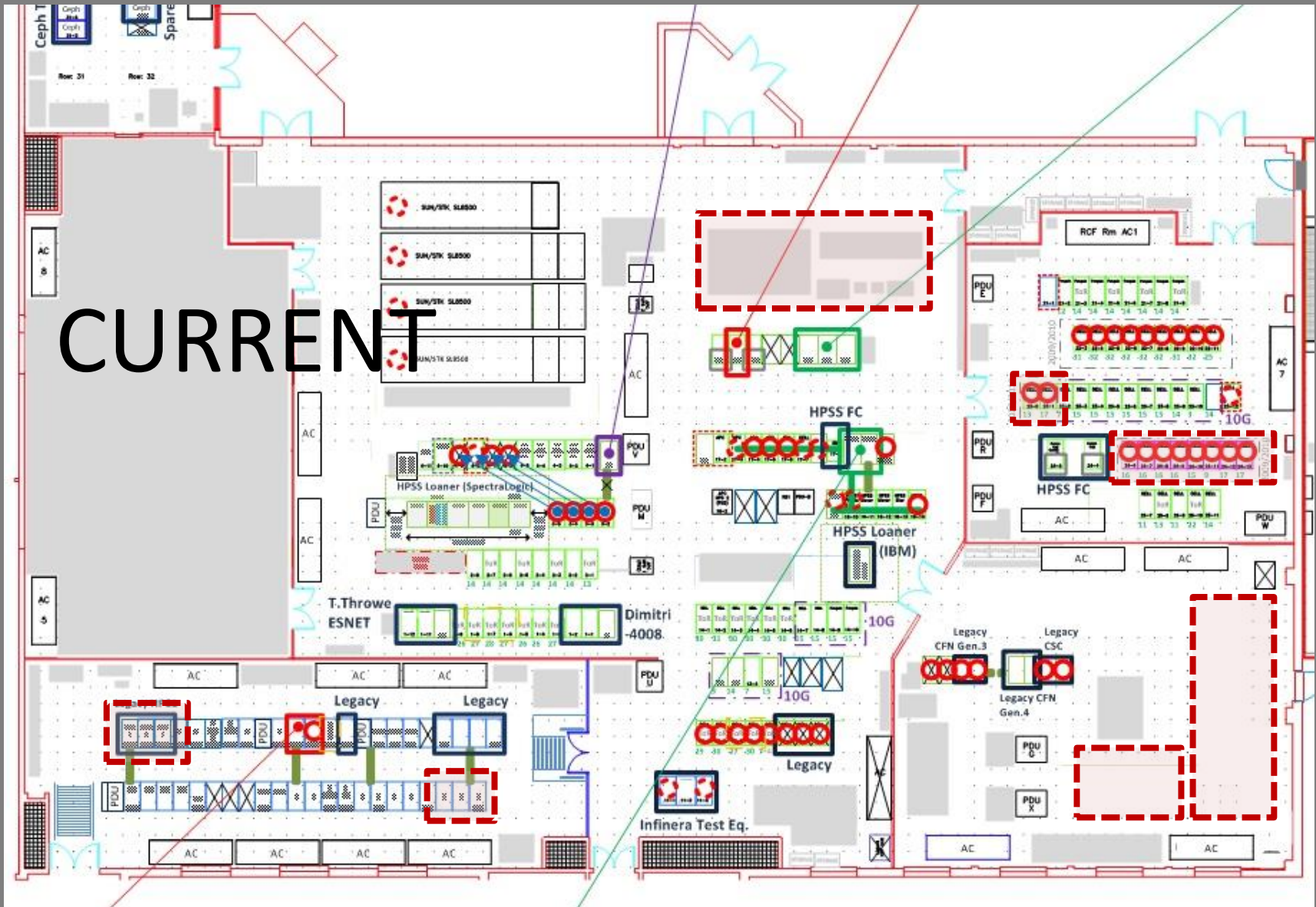
CDCE



CURRENT



CURRENT



Questions & Comments



Taken by Randy Paylor (Henderson, NV)