SDCC Network Operations
Status Report (June 4, 2020)

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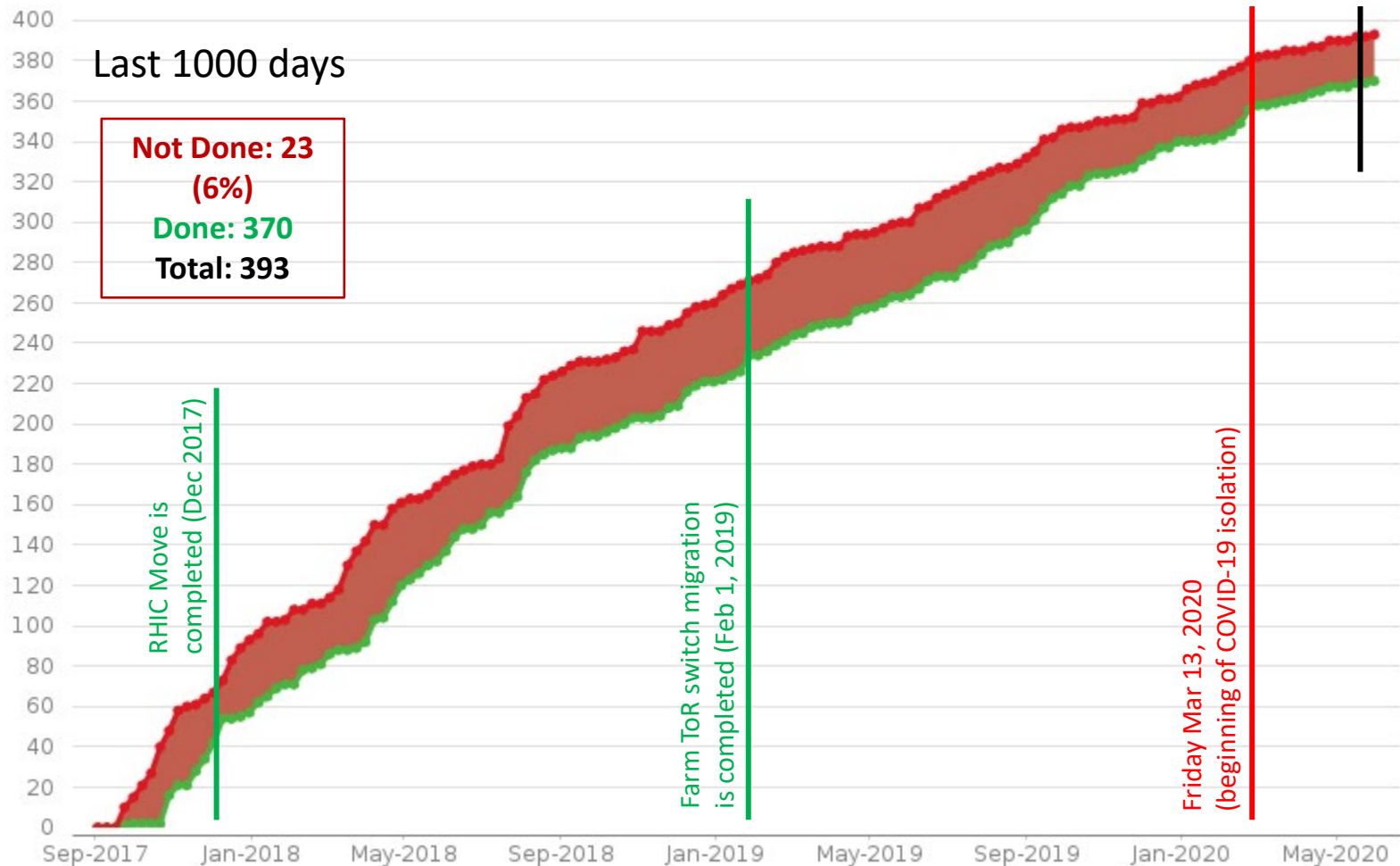
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Project: SDCC Network Operations & Interventions

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **1000** days.

Previous Report

Last 1000 days

Not Done: 23
(6%)
Done: 370
Total: 393

RHIC Move is completed (Dec 2017)

Farm ToR switch migration is completed (Feb 1, 2019)
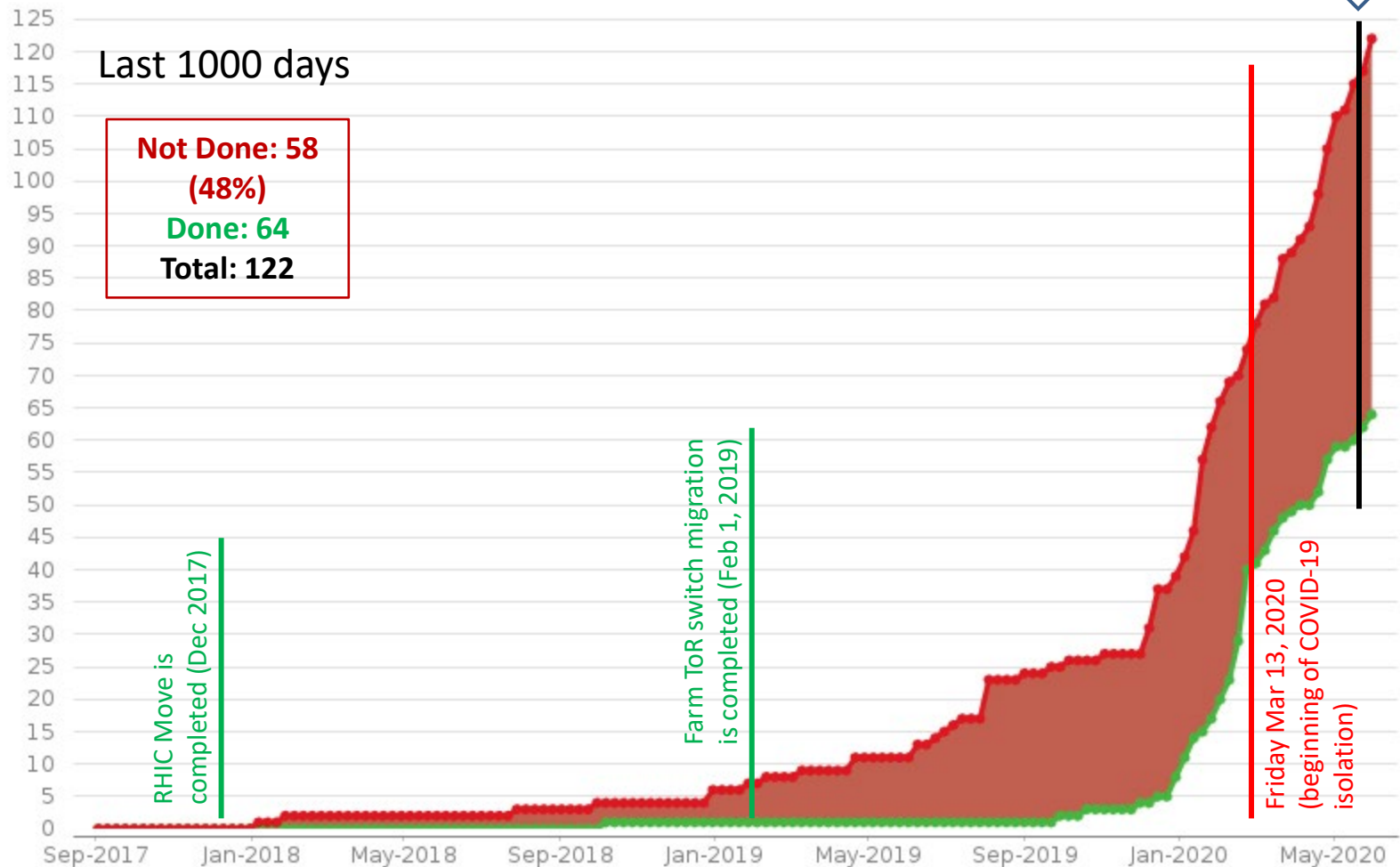
Friday Mar 13, 2020 (beginning of COVID-19 isolation)

Project: SDCC Datacenter B515/B725 Transition (CY20-23)

Chart

This chart shows the number of issues **created** vs. the number of issues **resolved** in the last **1000** days.

Previous Report

Last 1000 days

Not Done: 58
(48%)
Done: 64
Total: 122

RHIC Move is completed (Dec 2017)

Farm ToR switch migration is completed (Feb 1, 2019)

Friday Mar 13, 2020 (beginning of COVID-19 isolation)

Ongoing/Upcoming Interventions and Equipment Deployment/Retirement Operations

- STAR Lustre MDSes and STAR CH buffer storage (destination: rack 45-5 in CDCE)
  - Fully delivered on site; delivery of the last components into the Facility is in progress
- The combined RHIC & ATLAS CPU procurement is dispatched (Farm/Fabric Group)
  - The retirement of the legacy CPU racks in row 50N is needed in order to make space & power available for 4 new CPU racks in positions 50-[20-23] in CDCE is expected to happen in June 2020 timeframe
  - Sanitization process is expected to begin shortly by the Farm/Fabric group
  - Patch panel and BoR switch removal, migration of CDCE Sensaphone to row 49N, un-cabling and partial offloading to the pallets is to follow
- Two 14 TB HDD JBOD based storage purchases are now in the procurement pipeline:
  - EIC Lustre storage (GS Group; 2x JBOD + headnode pairs) and EIC tape drives (Storage/HPSS Group)
  - Additional ATLAS dCache Storage (Storage/HPSS Group; 2x JBOD + headnode pairs)
  - The rack frame 45-1 adjustment and network uplink provisioning are expected to move forward now
- Many smaller purchases are in progress
  - A set of 4x 1U central monitoring servers (PO change order is yet to be dispatched)
  - New ATLAS/RHIC/EIC tape drives for B515/HPSS complex (delivered)
  - Label printers and media (delivered)
  - 200GbE test equipment (partially delivered on site)
- The extension of the ML cluster is considered by CSI – the exact specs are to be defined yet
- The extension of NSLS II interactive compute is considered by NSLS II – rack position 79-3 is targeted, retirement of legacy equipment in the BGL room will be necessary if plans go forward

Questions & Comments