

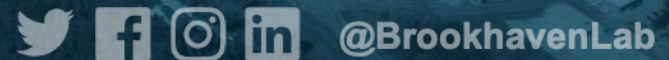


Occupancy Floor Plan (update)

725 Main Data Hall

SDCC Data Center

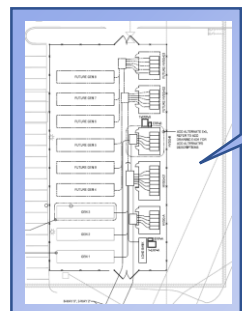
Imran Latif
May 02, 2024



SDCC Data Center Floor Plan Review (continued)

- SDCC floor plan for 725 MDH updated to reflect current and FY-25/26 projections
- All stakeholders on board with the plan; it is being shared with F&O for space charge cost planning
- The \$250K lab funding for unused space in 725 data center most likely will not continue in FY-25, all stake holders will be paying the proportional cost per their rack (hardware) occupancy in 725 data center
- Efficient computing hardware may reduce power consumption (TBD)
- FY-25/26 space planning constrained by the availability of fourth 1.2MW power/cooling system and third 1.7MW back up diesel generator by Fall 2025
- Upper management to keep pushing for the additional power and cooling deployment to stay on course

SDCC Data Center



Generator Yard

Tape Room

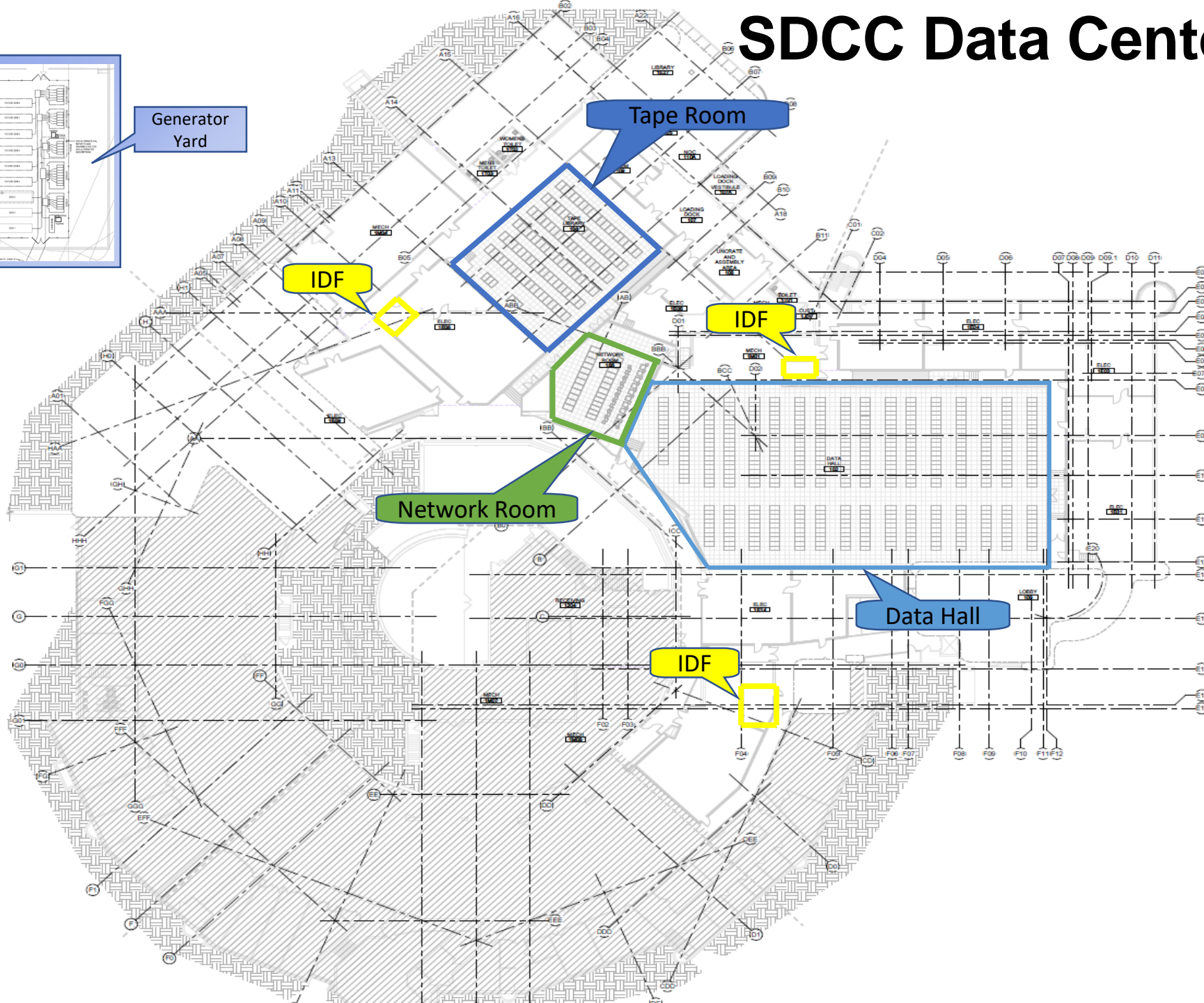
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Network Room

Data Hall

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Work execution and configuration management in data center

- A formal procedure being developed to identify the process of hardware deployment in SDCC data center, all stakeholders to follow the process
- All work request will be made in JIRA with time lines, and workforce hours accrued, access to the progress may be reviewed by anyone
- Inventory being generated for all IT hardware; information to be programmed in DCIM for optimum configuration management, space and power planning
- All BNL owned IT assets in 725 data center will be transferred over to SDCC data center operations team (announcement will be made in few months)
- Contact SDCC Data center Ops teams for any questions pertaining to data center facility,
new hardware deployment, migrations, billing or alarms
- Ops team may be reached at sdcc-datacenteropsteam@bnl.gov or contact Imran Latif at ilatif@bnl.gov



Questions