

# sPHENIX status

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Time Meeting

May 13, 2025



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# sPHENIX Status

- Since last Friday afternoon, we have been running the experiment in a "dry run" which exercises the detector, electronics, and software as we plan to operate them when we start taking collision data, and we are studying the monitoring plots and offline analysis to make sure the detector is running optimally.
- DAQ system has benefited from the dry run and our maximum data transfer to SDCC is found to be about 35 GB/s.
- Ongoing chiller/AC issues not yet resolved but crucial for operations:
  - The pump room in 1008C has been installed with two new valves which make the flow control more robust.
  - But the rental chiller didn't work even after multi-day debugging.
  - We now use chiller #3. Other parts for both chillers #3/4 are arriving or have arrived.
  - The fuses of an air-conditioning unit on top of rack room needed to be replaced twice in a week. Fan motor & loose connection had been replaced but not sure whether these have solved the problem.