



U.S. DEPARTMENT  
*of* ENERGY

# Time Meeting 7-01-2025 SDCC/SCDF

X f i @BrookhavenLab

# Known Issues

- Investigating anomalous data transfer performance with one sPHENIX “buffer box”
  - Data export bandwidth from bbox11 show “square wave” profile, compared to flat profile from other buffer boxes

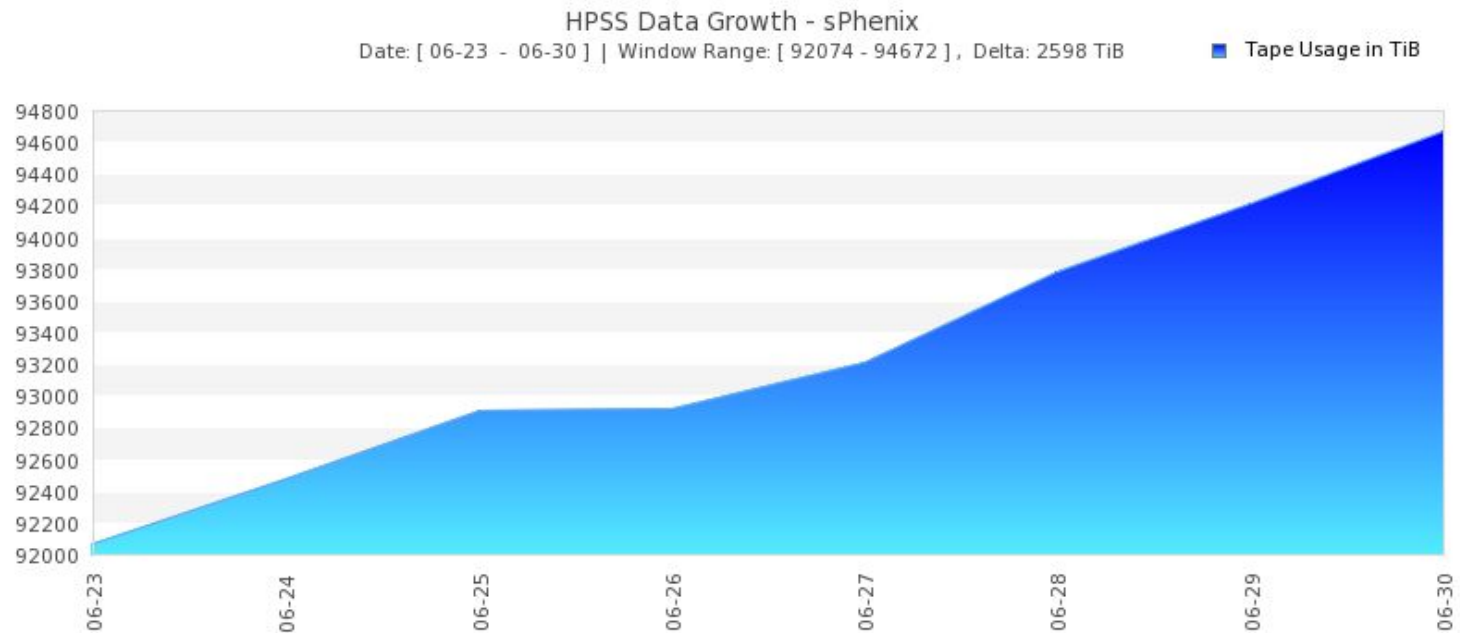
Normal BW profile



bbox11 BW profile

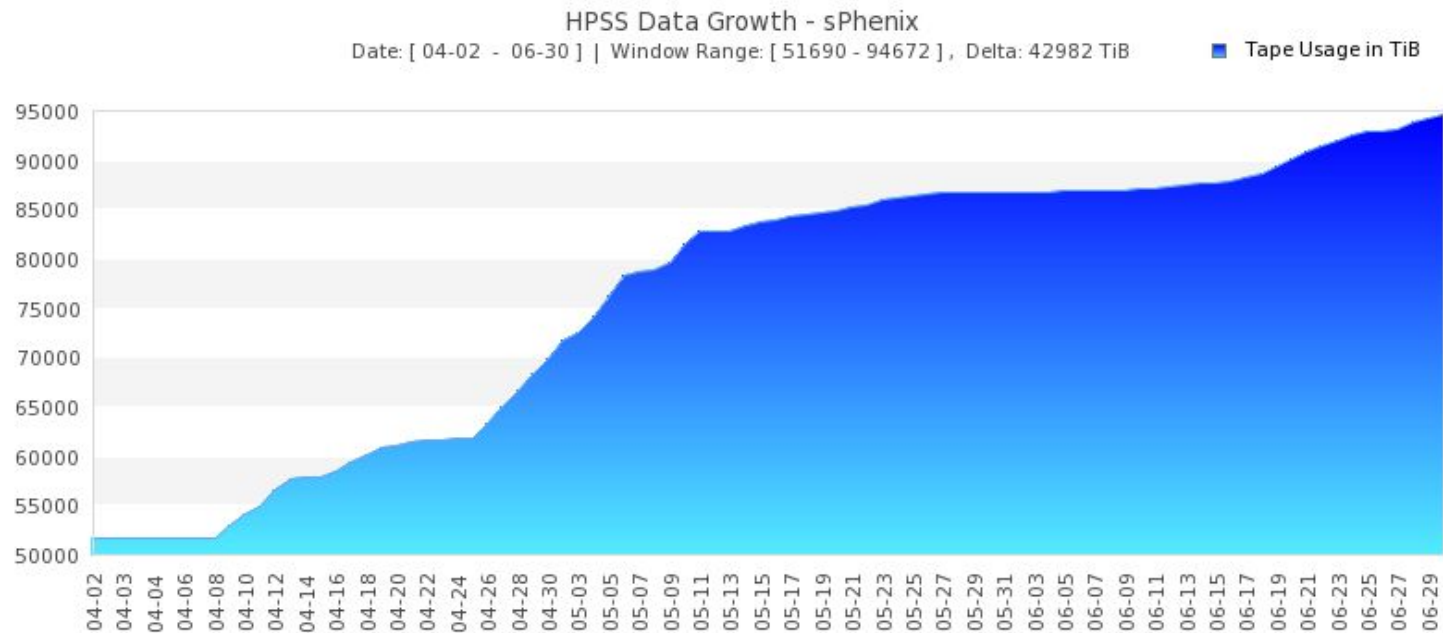


# sPHENIX Data Volume Past 7 Days



2.86 PB written to tape in the last 7 days

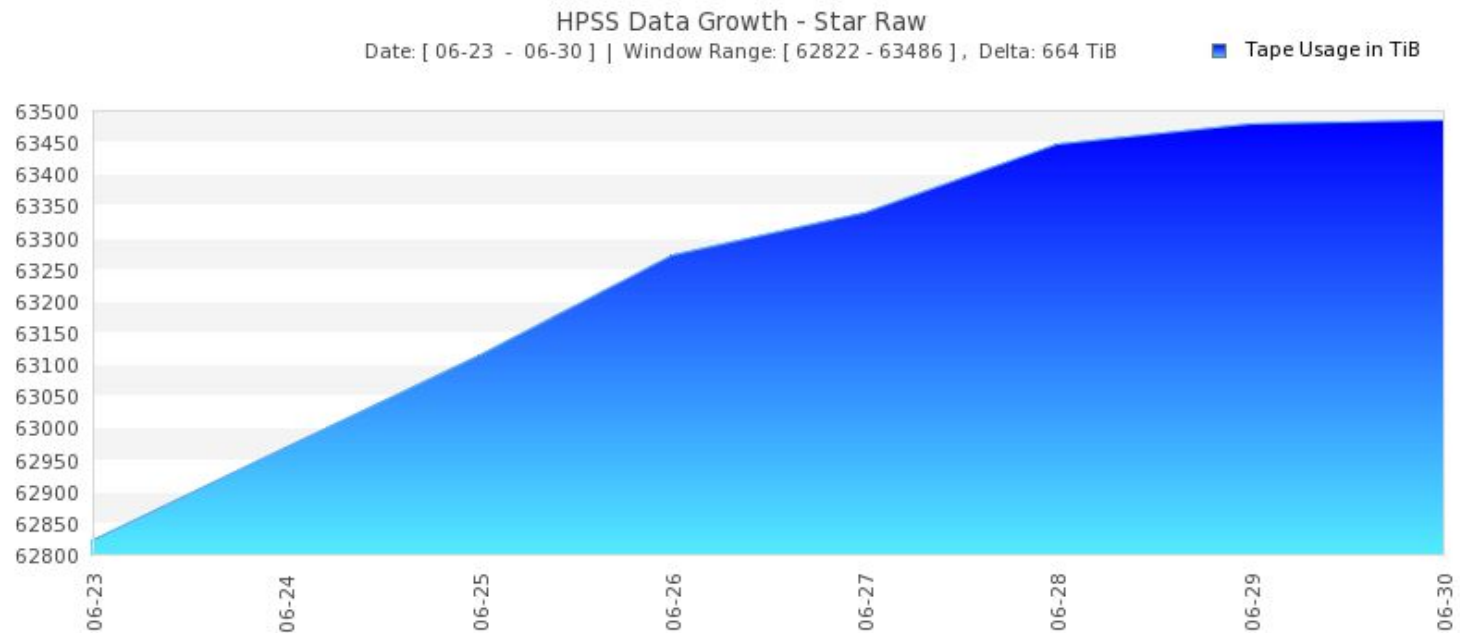
# sPHENIX Data Volume Since April 1



47.26 PiB written to tape since April 1 2025

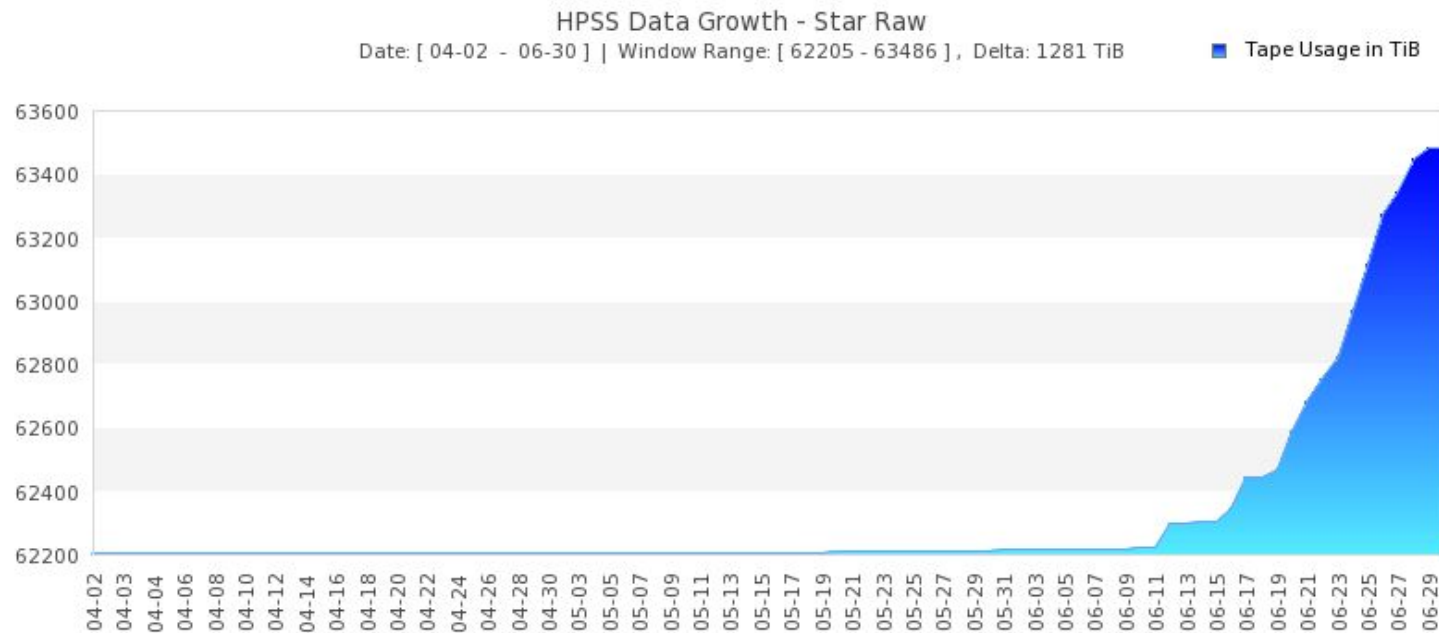


# STAR Data Volume Past 7 Days



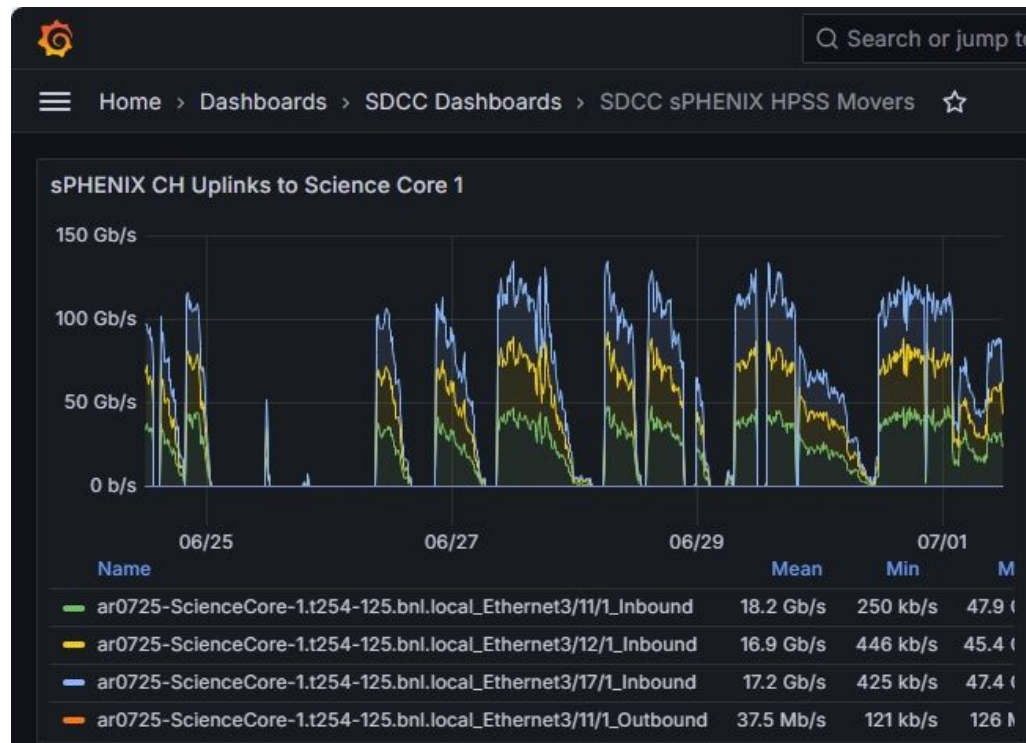
730 TB written to tape in the last 7 days

# STAR Data Volume Since April 1



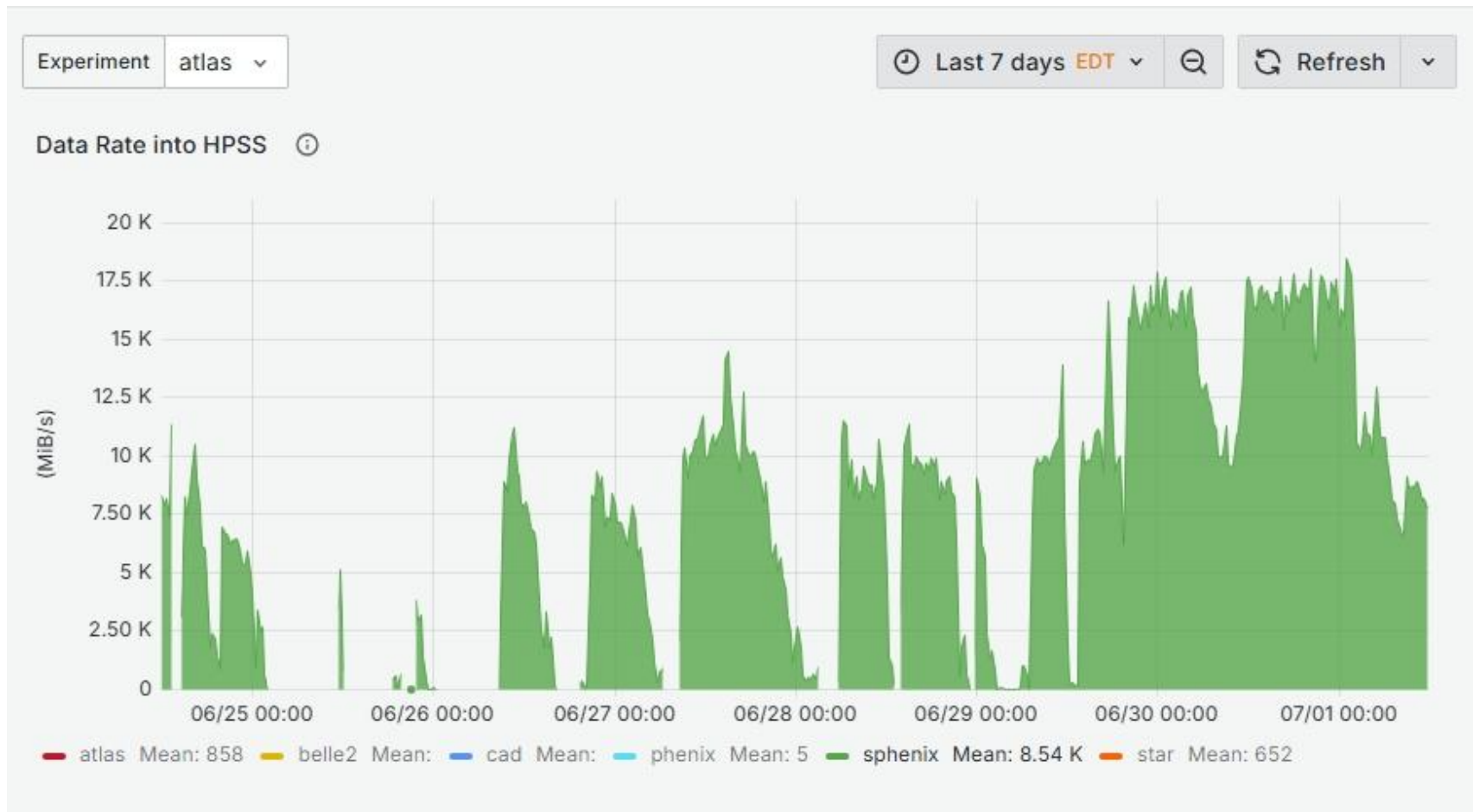
1408 TB written to tape since April 1, 2025

# Network Traffic from sPHENIX to SCDF



Network traffic on one of two LACP links between sPHENIX and SCDF.

# sPHENIX Data to HPSS





# STAR Data to HPSS

