



BERKELEY LAB



2x2 Run Coordination Update

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April 10, 2024

ND-LAr Management Board Meeting

Shifting Exercises

- Generally on Tuesdays and Thursdays
- Charge readout system continuous data taking for 12-hour periods
- Shifter support for monitoring
 - Developing checklists and associated instructions for finding the information required to fill the checklists
 - 2 shifters / shift, 2 6-hour shifts / day
- Last week exposed some technical issues with the CRS DAQ software that are being ironed about for this week's iteration (cancelled Tuesday's shifts)
- Shifter instructions & communication were very inadequate → improving for Thursday's exercise
- Dry run today with KW as a dummy-shifter to walk through documentation from CRS team
- Aiming to include run control and a first pass at some light readout Thursday

Pedestal Data from April 2 Exercise

- https://portal.nersc.gov/project/dune/data/2x2/CRS/commission/April2024/continue_d_pedestal/packet/2x2_pedestal_run_02Apr2024.gif
- No disabling of noisy channels → to be done Thursday
- No serious effort to recover missing chips
- Issues with module 2 communication: data stopped being sent out shortly after configuration
 - Later in the week also had intermittent periods where we could not PING the module 2 pacmans
 - Starting to understand this... looks like an issue with the fans on these pacman not adequately cooling the card
 - These are different fans than the other pacmans, and are installed in slightly different locations
 - MPOD settings likely preventing fans from operating nominally. Fix is in

Module 2 Pacman Fans

- Processor temperatures after days of not powering tiles

