

INTT Weekly Meeting

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MONTH DAY, YEAR



- Per request of other collaborators, I've been doing a more detailed analysis of runs
 - 49114
 - 49116
 - 49224
- I find that Felix channels 8 and 11 of intt4 are absent in these runs
- But, this is due to deliberate masking from a few days before
 - Masked 7/22/2024 ~ ?
 - Unmasked 7/26/2024 ~ 11a

- These channels were particularly hot in streaming mode
- High DAQ rates confirmed this

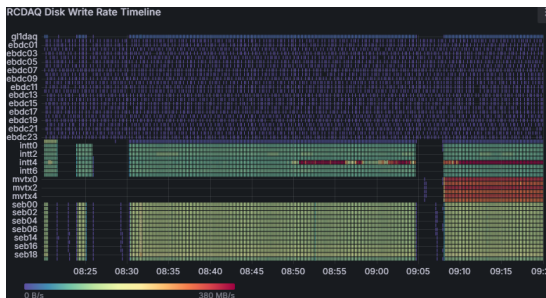


Figure: Original post in Mattermost:

<https://chat.sdcc.bnl.gov/sphenix/pl/djumnhgplpfn8r4we5xk98kk1c>
(7/21/2024 9:27a)

- In every run, there are nonsensical BCO values which are read out which cannot be physical
- These may trip up the event combining
- They are encountered by various servers at different points in the run
- Examples (from 49224):
 - 0x0000000000
 - 0x0b00000001
 - 0x7300000001
 - 0x8300000001
 - 0xeb00000001
 - 0xfb00000001

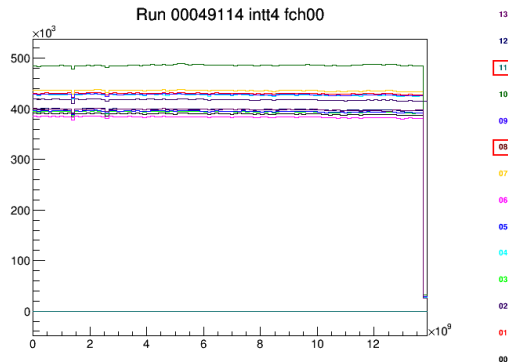


Figure: Offline reconstructed BCO rate for 49114 intt4 (red boxes indicated dead channels)

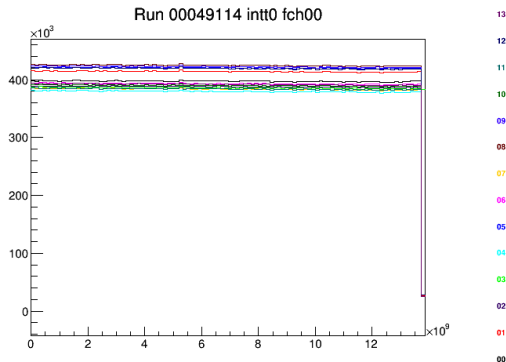


Figure: Offline reconstructed BCO rate for 49114 intt0

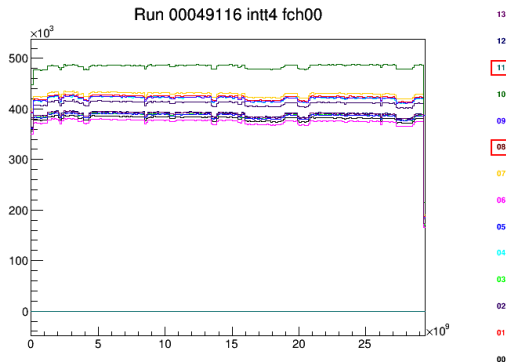


Figure: Offline reconstructed BCO rate for 49116 intt4 (red boxes indicated dead channels)

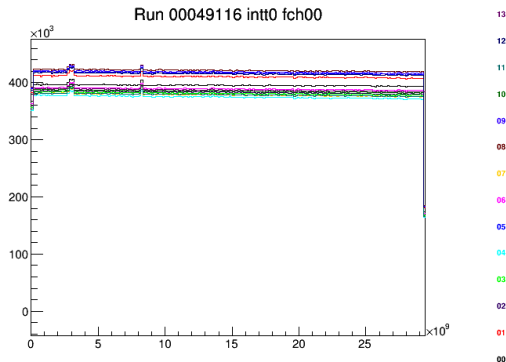


Figure: Offline reconstructed BCO rate for 49116 intt0

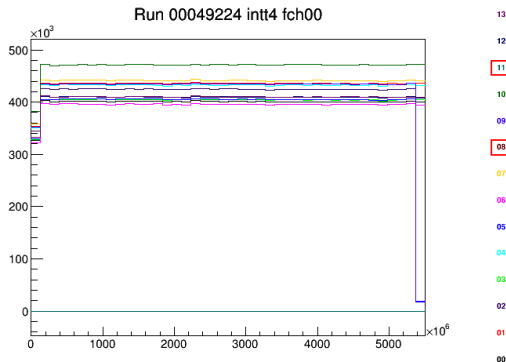


Figure: Offline reconstructed BCO rate for 49224 intt4 (red boxes indicated dead channels)

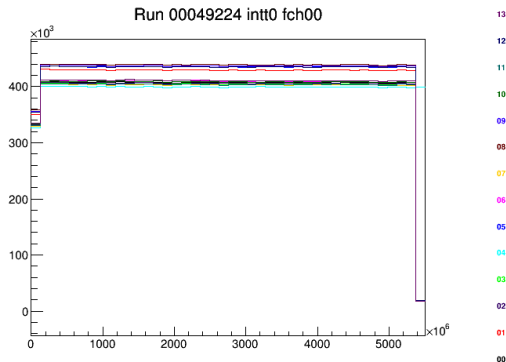


Figure: Offline reconstructed BCO rate for 49224 intt0