

ProtoDUNE-SP

Updates and news

Serhan Tufanli

Cosmic runs with CRT trigger

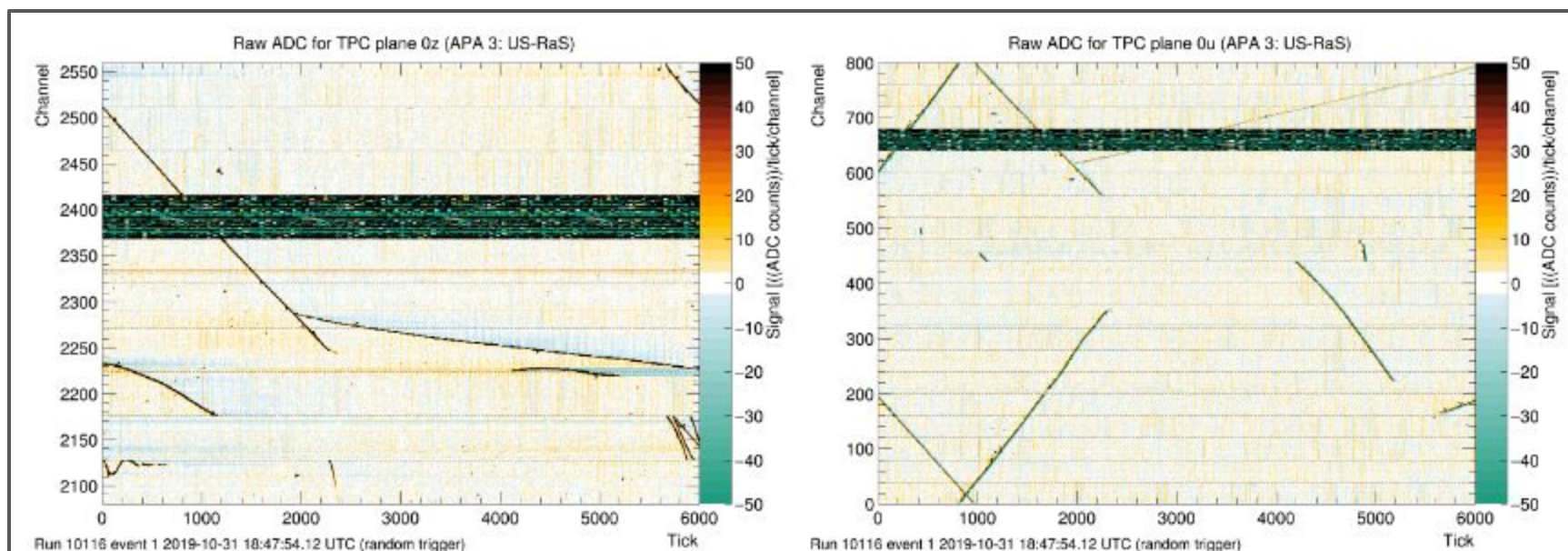
- Three weeks of cosmic data collection campaign with CRT trigger
 - November 18th - December 6th
- 2 shifts/day during the week. 1 shift on Saturdays and no shifts on Sundays
- Full DAQ support and on-call shifts during those three weeks → Thanks you!!

<i>Shift Calendar</i>							
<i>Week of Nov 18th - Nov 24th</i>							
	Monday (Nov 18)	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am-4pm (at EHN1 control room)	Serhan	Camillo	Camillo	Camillo	Serhan	Camillo	No Shift
4pm-8pm at EHN1 + 8pm-midnight remote	Camillo	Dante	Maura	Dante	Camillo	No Shift	No Shift
<i>Week of Nov 25th - Dec 1st</i>							
	Monday (Nov 25)	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am-4pm (at EHN1 control room)	Niccolo	Maura	Paola	Paola	Paola		No Shift
4pm-8pm at EHN1 + 8pm-midnight remote	Paola (might be 15 minutes late)	Niccolo	Maura	Niccolo		No Shift	No Shift
<i>Week of Dec 2nd - Dec 6th</i>							
	Monday (Dec 02)	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
9am-4pm (at EHN1 control room)		Maura	Maura	Maura		No Shift	No Shift
4pm-8pm at EHN1 + 8pm-midnight remote						No Shift	No Shift

Camillo and Richie will provide more details in the next two talks ...

Preparing APA-3 for the cosmic runs

- FEMB302 timing offset and FEMB307 corrupt data on APA-3
 - Need firmware update and lots of testing
- In order to be ready for the cosmic runs starting next week, we swapped back to RCE readout on APA-3 and moved APA2 to FELIX readout
- Details in Giovanna, Maura, Philip's talk



▶ Two clear problems:

- ▶ FEMB302 timing offset. Seen before with RCE readout
- ▶ FEMB307 data corrupt. Not seen with RCE

See Philip's talk at the last operation meeting:
<https://indico.fnal.gov/event/22398/contribution/3/material/slides/0.pdf>

News and updates ...

- New chiller for the DAQ cooling system:
 - No DAQ since yesterday morning!!
- HV streamers:
 - Rare streamers
 - Auto recovery has been off for a long time but will be re-activated during the cosmic runs
- Lifetime:
 - ~8ms from the PrM measurements

