

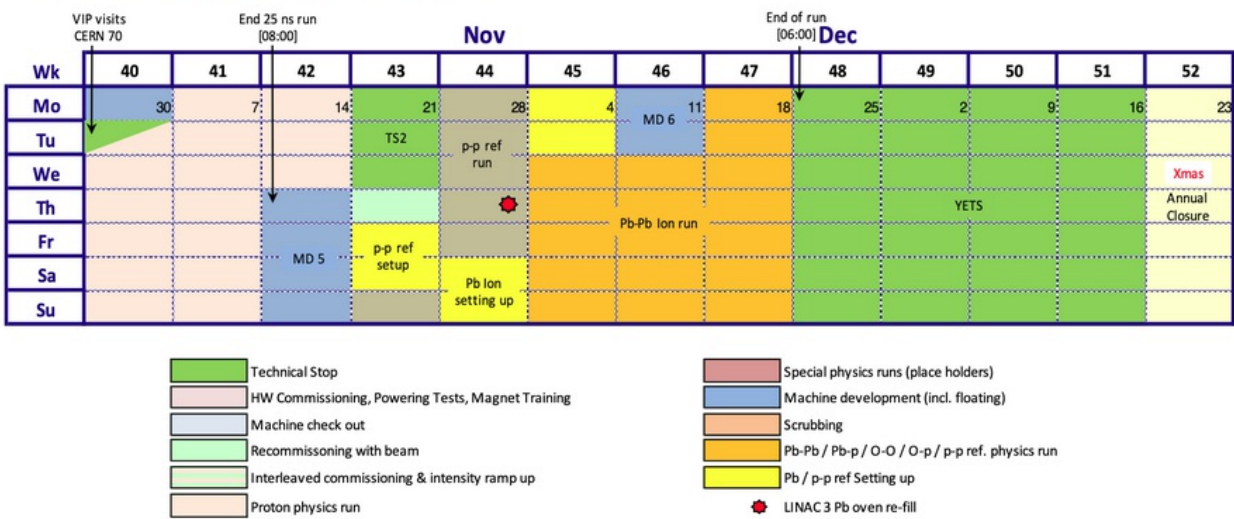
TOF QC Coordination meeting 7/10/2024

General news

pp ref started NOW

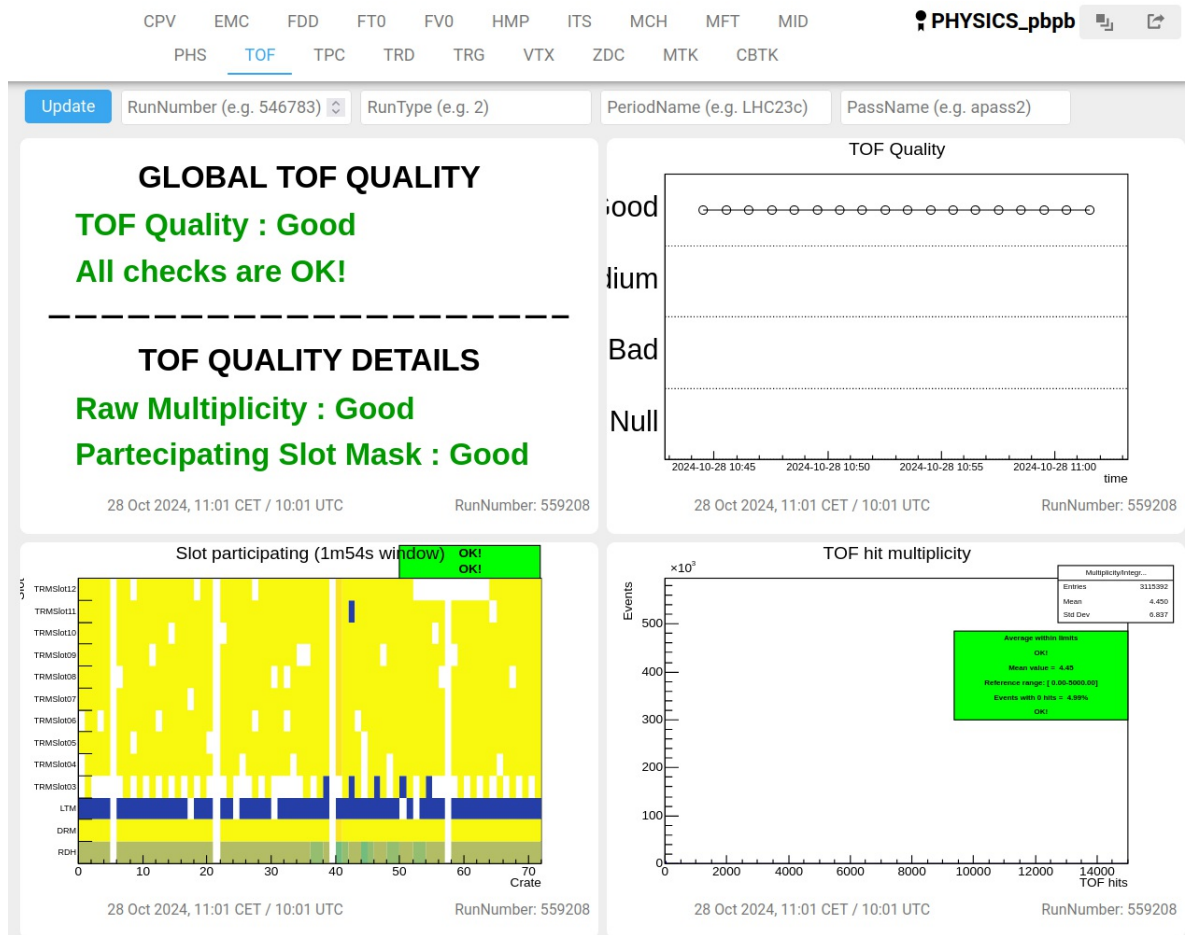
- 2024 pp ref and PbPb data taking (as for Sept. 18 LHC Schedule):

- pp ref: Oct. 27- Nov. 1 (6 days)
- PbPb: Nov. 6-24 (17 days)
- during these periods only cpass0 will be run, no apass1 production, maybe apass1_skimmed
- daily A-QC meetings (virtual and/or in person) with reports on runs processed in the previous 24 hours (see daily QA reports at 9:00 a.m.)
- each detector QC crew should provide man power to follow closely new processed runs (checks, flags, reports at A-QC and on jira) and eventual apass1_skimmed or MC productions

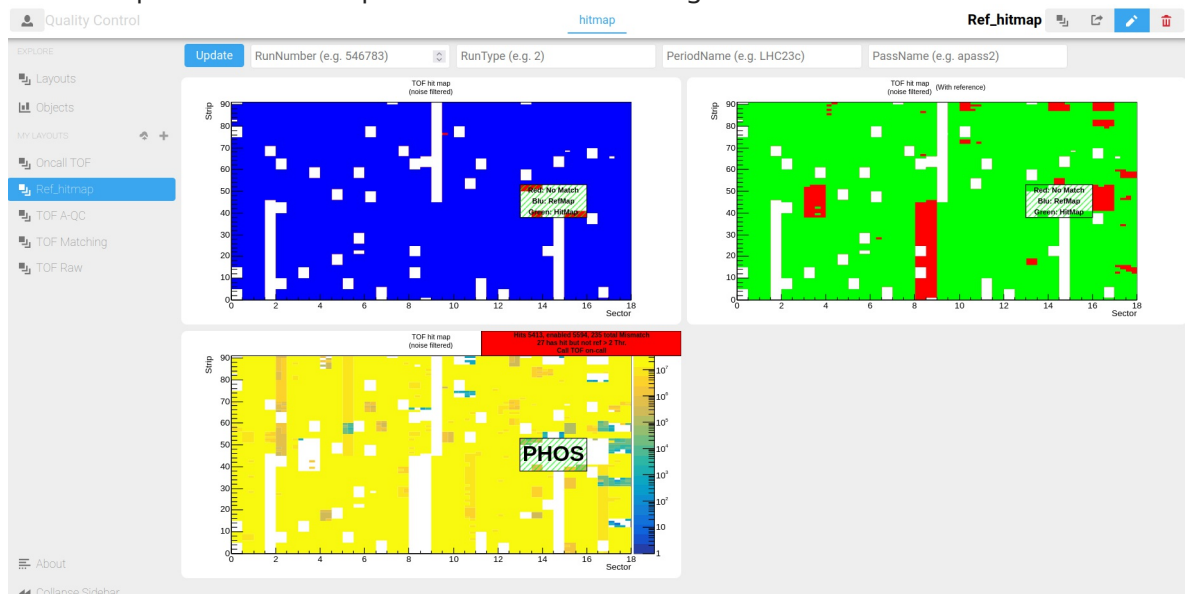


QC sincrono

- New trending for quality of TOF during the run added last week together with Sofia:



- Ref hit map to be followed up with Pietro. Still no changes observed in PHYSICS runs:



- Check calib task for Diagnostics
 - test it staging with also LHC Phase

QC asincrono

Our sheet:

<https://docs.google.com/spreadsheets/d/1z0no8X0s9R5mOGfR3BeNnx4RgYIBkyf9aVxJElQFIjE/edit?gid=0#gid=0>

- QC Moving Window (MW) feature

Table filled and PR opened, waiting for approval

PR: <https://github.com/AliceO2Group/O2DPG/pull/1759>

Table: https://docs.google.com/spreadsheets/d/1_vCjDXfL7-oiEaUYSUTe2fpsxbb89ds-DDDqI4KeIXU/edit?gid=0#gid=0

TOF	Digits	DecodingErrors	TH2I	13 x 72	300	1 month	
	Digits	HitMap	TH2F	72 x 92	300	1 month	
	Digits	OrbitVsCrate	TProfile2D	72 x 768	300	1 month	
	MatchTrAll	mEffPt_ITSTPC-ITST	TEfficiency	100	300	1 month	
	PID	EvTimeTOF	TH1F	1000	300	1 month	
	PID	DeltaEvTimeTOFVsF	TH1F	200	300	1 month	

- MC mismatch with data, reported no news yet from tracking

1. Data

- LHC24ao_apass1 (O2-5456) production ongoing: check un put flags on RCT
- LHC24an_apass1_skimmed (O2-5428) only few runs missing today: check un put flags on RCT
- LHC23zzo_apass4: only one run missing
- pp ref expected tomorrow morning --> Francesca

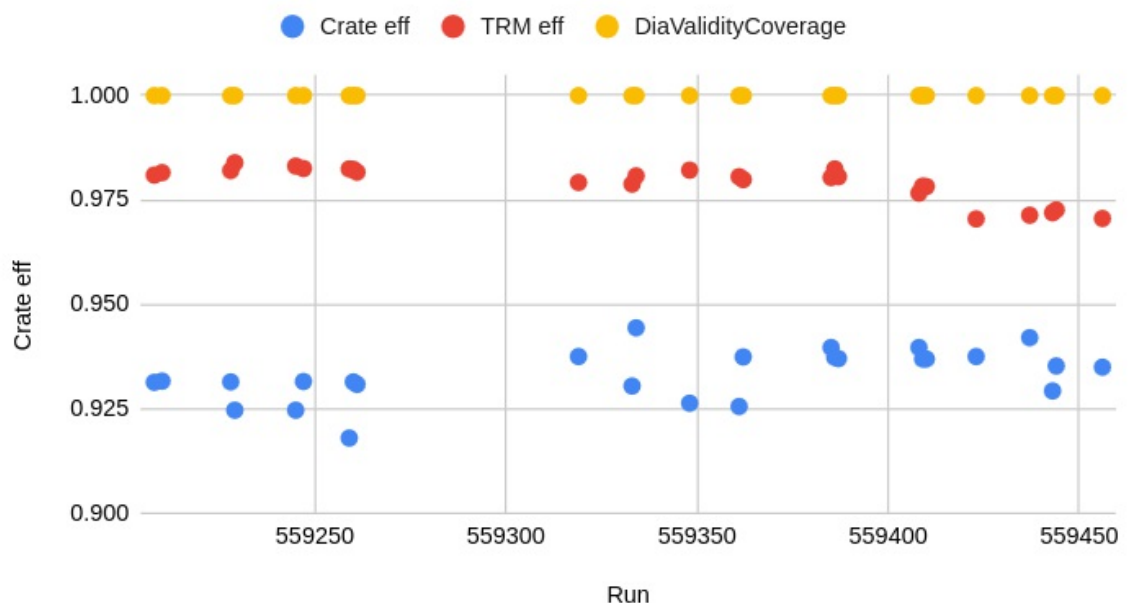
2. MC

Calibration

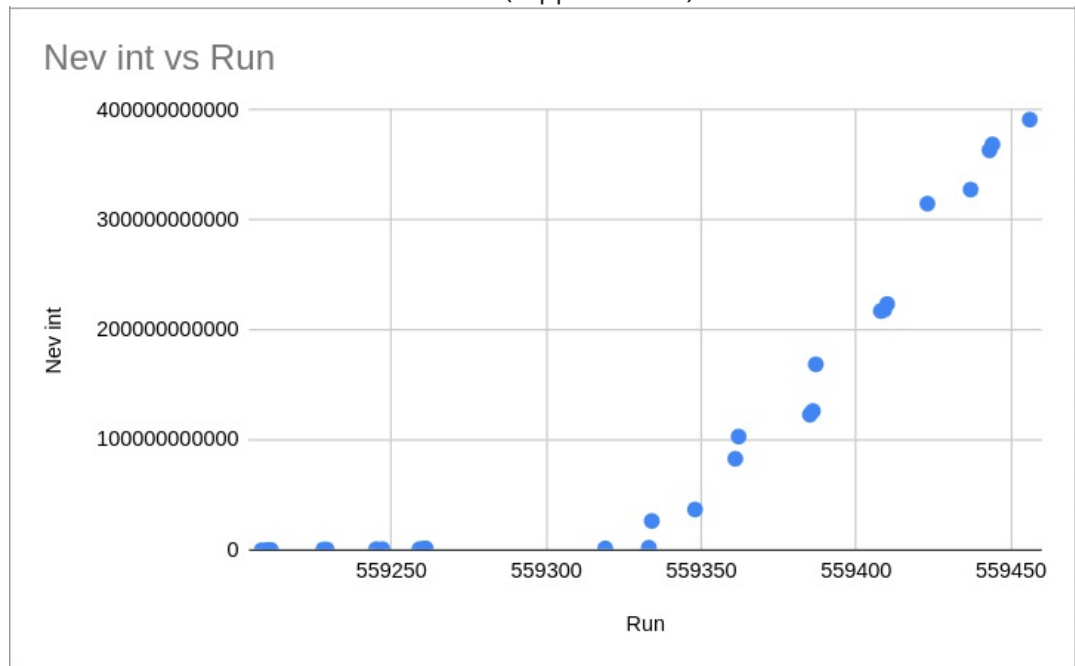
Check on calibrations (ppRef 2024)

- No problems seen so far (Diagnostic sync calibs OK)

Crate eff vs Run



- This is the statistics we collect with TOF (is ppRef over?) -> 400B



- [staus of calibrations](https://docs.google.com/spreadsheets/d/1DS6oyScBMJdtKqZpeD8x64LZoKZBpkgCH&gid=629212702#gid=629212702)
(<https://docs.google.com/spreadsheets/d/1DS6oyScBMJdtKqZpeD8x64LZoKZBpkgCH&gid=629212702#gid=629212702>):
 - cpass0 running with default calibrations (no sync time calibs)
 - Time slewing correction from 2024 pp@13.6 TeV data ready
 - quality check ongoing: if fine we will use it for ppRef and Pb-Pb calibrations

TOF AO2D

WP4 discusso di includere nuove info TOF negli AO2D

- if track is matched to a cluster with more than 1 hit (OK accepted)
- TOF channels, use case mismatch, still under discussion, + 0.33% data size in pp

FT0 realignment in the MC

- rewrite the information about the FT0 in the MC starting from the MC event time (realign the FT0 time to the true one + a gaussian smearing)