

| tag | task | priority | assignee | consultant | responsible | due date | PR | status + dependence | |
|---------------------------|--|----------|-------------------|------------|-------------|----------|------------------------|---------------------|-------------|
| data formats: | | | | | | | | | |
| df1 | <i>LHCInfo workflow for Run3 - beta* and xangle updated</i> | | Giacomo | AlCa | ? | | #37098 | <div></div> | |
| geometry: | | | | | | | | | |
| g1 | <i>final Run3 geometry update (XML)</i> | | Fabrizio, Gustavo | | ? | | #35380 | <div></div> | |
| g2 | <i>fix: submit missing files</i> | | Gustavo | | ? | | #35399 | <div></div> | <div></div> |
| g8 | <i>upload of geometry to DB (pre-processed) also GT update</i> | | Wagner | | Fabrizio | | | | <div></div> |
| g18 | <i>default reco sequence uses pre-processed geometry</i> | | Wagner, Helena | Jan | Fabrizio | | #35772 | <div></div> | |
| g10 | <i>remove geometry specs from reco cff files</i> https://github.com/cms-sw/cmssw/issues/31360 | | missing! | | ? | | | <div></div> | |
| g11 | <i>organise files in Geometry/VeryForwardData/data</i> | | a newcomer | Clemencia | Fabrizio | | | <div></div> | |
| g19 | <i>disable building of misaligned geometry by default</i> misaligned geometry causes problems in PPS HLT sequence (probably due to missing conditions in DB) | | Jan | | ? | | #35423 | <div></div> | |
| g20 | <i>bug fix of Run2 pixel topology</i> recovers low-x pixel acceptance in Run2 direct simulation WFs | | Fabrizio | Jan | ? | | #35671 | <div></div> | |
| g21 | <i>bug fix in data GTs for persistent geometry tags</i> | | Helena | | ? | | #35846 | <div></div> | |
| g22 | <i>corrected material for Timing Station</i> | | Sunanda | | ? | | #35961 | <div></div> | |
| g23 | <i>update of cfi files to point to latest PPS geometry</i> | | Gustavo | | ? | | #35996 | <div></div> | |
| g24 | <i>upload of geometry to DB (DDD4HEP)</i> | | Wagner | | Fabrizio | | | <div></div> | |
| g25 | <i>cleaning unused materials (DDD4HEP)</i> | | Carl | Gustavo | Fabrizio | | #36307 | <div></div> | |
| reconstruction: | | | | | | | | | |
| re3 | <i>update of N-F association cuts: class, DB infrastructure</i> | | Grzegorz | Jan | | | #35248 | <div></div> | |
| re4 | <i>update of N-F association cuts: DB upload</i> | | Wagner | Jan | | | | | <div></div> |
| re5 | <i>update of N-F association cuts: use DB by default</i> | | Jan | | | | #35766 | | <div></div> |
| re7 | <i>N-F association cuts: update GTs for data and MC</i> | | Helena | | | | #35914 | | <div></div> |
| re6 | <i>N-F association cuts: bugfix for crash on DB read</i> | | Jan | | | | #35941 | | <div></div> |
| re8 | <i>Calibration Record for HPTDC nonlinearities compensation</i> | | Chris | | | | #36537 | <div></div> | |
| re9 | <i>HPTDC nonlinearities compensation</i> | | Chris | | | | #36713 | | <div></div> |
| re10 | <i>XML and FedId configuration update</i> | | Chris | | | | #37147 | <div></div> | |
| re11 | <i>removing temporary GT access from diamond Reco</i> | | Helena | AlCa | | | #37034 | <div></div> | |
| re12 | <i>XML configuration hotfix</i> | | Chris | | | | #37449 | <div></div> | |
| DQM and validation plots: | | | | | | | | | |
| dqm5 | <i>timing RPs – support for SAMPIC readout</i> adds sampic reco to the standard PPS reco sequence, for PPS DQM sequence it removes TOTEM timing and adds diamond sampic, in the DQM module it adds flags to enable/disable plots for online/offline DQM | | Chris | | DPG | | #35445 | <div></div> | |
| dqm10 | <i>timing RPs – update diamond DQM</i> | | Chris | | DPG | | #35454 | <div></div> | |
| dqm11 | <i>common module – update RP ids</i> | | Jan | | DPG | | #35484 | <div></div> | |
| dqm6 | <i>timing RPs – extract harvesting code to harvester modules and add per-LS plots</i> | | missing! | | DPG | | | <div></div> | |
| dqm9 | <i>include PPS to T0 processing</i> | | Fabrizio | | DPG | | link | | <div></div> |
| dqm12 | <i>use Run3 era in online DQM, fix in master</i> | | Jan | | ? | | #35550 | <div></div> | |
| dqm13 | <i>use Run3 era in online DQM, backport to 12_0</i> | | Jan | | ? | | #35551 | <div></div> | |
| val1 | <i>more validation plots</i> details of N-F association efficiency, distances between tracks in each RP, t bias and resolution 2D histogram | | Jan | | ? | | #35740 | <div></div> | |
| val2 | <i>dLyds perturbation scenario for modified optics</i> implemented in modified optics ES generator | | Frizi | | ? | | #36039 | <div></div> | |
| val3 | <i>fix to dLyds perturbation scenario (optics)</i> | | Frizi | | ? | | #36873 | <div></div> | |
| PCLs: | | | | | | | | | |
| pcl5 | <i>alignment – update of config classes</i> | | Mateusz | Jan | DPG | | #35174 | <div></div> | |
| pcl6 | <i>alignment – upload of alignment config</i> | | Mateusz,Wagner | | Jan | DPG | | | <div></div> |
| pcl7 | <i>alignment – PCL-like matrix workflow</i> | | Mateusz | | Jan | DPG | #35631 | | <div></div> |
| pcl8 | <i>alignment – inclusion in central PCL</i> | | AlCa | | | DPG | | | <div></div> |
| pcl9 | <i>fix of alignment matrix test</i> details in here | | Mateusz | Jan | DPG | | #35874 | | <div></div> |
| pcl10 | <i>fix of timing calibration matrix test</i> | | Chris | | | DPG | #35988 | <div></div> | |
| pcl11 | <i>AlCaReco producer for PPS calibrations</i> | | Andrea | Leszek | AlCa | | #36273 | <div></div> | |
| pcl12 | <i>alignment – reformatting, readme</i> | | Mateusz | | | | #36257 | <div></div> | |
| pcl13 | <i>renaming of AlCa reco producers for Tier0 replay</i> | | Leszek | AlCa | AlCa | | #36702 | <div></div> | |
| pcl14 | <i>new AlCa reco producer support in PCL workers</i> | | Mateusz | AlCa | AlCa | | #37050 | | <div></div> |
| nanoAOD: | | | | | | | | | |
| na2 | <i>simu tracks and protons in nanoAOD</i> idea: run “direct” simu during nanoAOD production by default, this would be disabled, but available for private use | | Laurent | | POG | | #36080 | <div></div> | |
| framework: | | | | | | | | | |
| fmw1 | <i>UBSAN issue in TotemSampicFrame</i> details in here | | Chris | | ? | | #35654 | <div></div> | |
| fmw2 | <i>UBSAN issue in CTPPSPixelDigiToRaw</i> details in here | | Fabrizio | | ? | | #35592 | <div></div> | |
| fmw3 | <i>migration of PoolDBOutput service to *IOV methods</i> draft PR under review, mem leak details in here | | Fabrizio | | ? | | #36180 | <div></div> | |
| fmw4 | <i>Cleaning EDMModules implementation</i> | | Fabrizio | | ? | | #36960 | <div></div> | |