tag	task	priority	assignee	consultant	responsible	due date	PR	status + dependence
geometry:								
g1	*final Run3 geometry update (XML)*		Fabrizio, Gustavo		?		[#35380](#)	🟩
g2	*fix: submit missing files*		Gustavo		?		[#35399](#)	🟩
g8	*upload of geometry to DB (pre-processed)* also GT update		Wagner		Fabrizio			🟥
g18	*default reco sequence uses pre-processed geometry*		Wagner, Helena	Jan	Fabrizio		[#35772](#)	🟩
g10	*remove geometry specs from reco cff files* https://github.com/cms-sw/cmssw/issues/31360		missing!		?			🟥
g11	*organise files in Geometry/VeryForwardData/data*		a newcomer	Clemencia	Fabrizio			🟥
g19	*disable building of misaligned geometry by default* misaligned geometry causes problems in PPS HLT sequence (probably due to missing conditions in DB)		Jan		?		[#35423](#)	🟩
g20	*bug fix of Run2 pixel topology* recovers low-x pixel acceptance in Run2 direct simu WFs		Fabrizio	Jan	?		[#35671](#)	🟩
g21	*bug fix in data GTs for persistent geometry tags*		Helena		?		[#35846](#)	🟩 (dashed)
g22	*corrected material for Timing Station*		Sunanda		?		[#35961](#)	🟩 (dashed)
g23	*update of cfi files to point to latest PPS geometry*		Gustavo		?		[#35996](#)	🟩 (dashed)
reconstruction:								
re3	*update of N-F association cuts: class, DB infrastructure*		Grzegorz	Jan			[#35248](#)	🟩
re4	*update of N-F association cuts: DB upload*		Wagner	Jan				🟩
re5	*update of N-F association cuts: use DB by default*		Jan				[#35766](#)	🟩 (dashed)
re7	*N-F association cuts: update GTs for data and MC*		Helena				[#35914](#)	🟩 (dashed)
re6	*N-F association cuts: bugfix for crash on DB read*		Jan				[#35941](#)	🟩 (dashed)
direct simulation:								
ds1	*adjust Run3 alignment*		Jan		?		[#35424](#)	🟩
ds4	*backport to CMSSW 10_6* backport of features only available in 11_X/12_X to the release used for Run2 analyses		missing!		POG			🟥
DQM and validation plots:								
dqm5	*timing RPs – support for SAMPIC readout* 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](#)	🟩
dqm10	*timing RPs – update diamond DQM*		Chris		DPG		[#35454](#)	🟩
dqm11	*common module – update RP ids*		Jan		DPG		[#35484](#)	🟩
dqm6	*timing RPs – extract harvesting code to harvester modules* and add per-LS plots		missing!		DPG			🟥
dqm9	*include PPS to T0 processing*		Fabrizio		DPG		[link](#)	🟨
dqm12	*use Run3 era in online DQM, fix in master*		Jan		?		[#35550](#)	🟩
dqm13	*use Run3 era in online DQM, backport to 12_0*		Jan		?		[#35551](#)	🟩
val1	*more validation plots* details of N-F association efficiency, distances between tracks in each RP, t bias and resolution 2D histogram		Jan		?		[#35740](#)	🟩
val2	*dLyds perturbation scenario for modified optics* implemented in modified optics ES generator		Frizi		?		[#36039](#)	🟨 (dashed)
PCLs:								
pcl5	*alignment – update of config classes*		Mateusz	Jan	DPG		[#35174](#)	🟩
pcl6	*alignment – upload of alignment config*		Mateusz, Wagner	Jan	DPG			🟩
pcl7	*alignment – PCL-like matrix workflow*		Mateusz	Jan	DPG		[#35631](#)	🟩
pcl8	*alignment – inclusion in central PCL*		AlCa		DPG			🟥
pcl9	*fix of alignment matrix test* details in [here](#)		Mateusz	Jan	DPG		[#35874](#)	🟩 (dashed)
pcl10	*fix of timing calibration matrix test*		Chris		DPG		[#35988](#)	🟨 (dashed)
nanoAOD:								
na2	*simu tracks and protons in nanoAOD* idea: run "direct" simu during nanoAOD production by default, this would be disabled, but available for private use		missing!		POG			🟥
framework:								
fmw1	*UBSAN issue in TotemSampicFrame* details in [here](#)		Chris		?		[#35654](#)	🟩
fmw2	*UBSAN issue in CTPPSPixelDigiToRaw* details in [here](#)		Fabrizio		?		[#35592](#)	🟩
fmw3	*migration of PoolDBOutput service to *IOV methods* details in [here](#)		Fabrizio		?			🟥 (dashed)
other:								
ot1	*standardised code for simu + PU event merging* code for standard PPS procedure of mixing (rechit level) simu signal with PU from unrelated real LHC events		Andrea?		POG			🟥