tag	task	priority	assignee	consultant	responsible	due date	PR	status + dependence
geometry:								
g1	*final Run3 geometry update (XML)*		Fabrizio, Gustavo		?		#35380	green
g2	*fix: submit missing files*		Gustavo		?		#35399	green
g8	*upload of geometry to DB (pre-processed)* also GT update		Wagner		Fabrizio			green
g18	*default reco sequence uses pre-processed geometry*		Wagner, Helena	Jan	Fabrizio		#35772	green
g10	*remove geometry specs from reco cff files* https://github.com/cms-sw/cmssw/issues/31360	missing!			?			red
g11	*organise files in Geometry/VeryForwardData/data*		a newcomer	Clemencia	Fabrizio			red
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	green
g20	*bug fix of Run2 pixel topology* recovers low-x pixel acceptance in Run2 direct simu WFs		Fabrizio	Jan	?		#35671	green
g21	*bug fix in data GTs for persistent geometry tags*		Helena		?		#35846	green
g22	*corrected material for Timing Station*		Sunanda		?		#35961	green
g23	*update of cfi files to point to latest PPS geometry*		Gustavo		?		#35996	green
g24	*upload of geometry to DB (DDD4HEP)*		Wagner		Fabrizio			yellow
g25	*cleaning unused materials (DDD4HEP)*		Carl	Gustavo	Fabrizio		#36163	green (blue dashed)
reconstruction:								
re3	*update of N-F association cuts: class, DB infrastructure*		Grzegorz	Jan			#35248	green
re4	*update of N-F association cuts: DB upload*		Wagner	Jan				green
re5	*update of N-F association cuts: use DB by default*		Jan				#35766	green
re7	*N-F association cuts: update GTs for data and MC*		Helena				#35914	green
re6	*N-F association cuts: bugfix for crash on DB read*		Jan				#35941	green
direct simulation:								
ds1	*adjust Run3 alignment*		Jan		?		#35424	green
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			red
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	green
dqm10	*timing RPs – update diamond DQM*		Chris		DPG		#35454	green
dqm11	*common module – update RP ids*		Jan		DPG		#35484	green
dqm6	*timing RPs – extract harvesting code to harverster modules* and add per-LS plots	missing!			DPG			red
dqm9	*include PPS to T0 processing*		Fabrizio		DPG		link	yellow
dqm12	*use Run3 era in online DQM, fix in master*		Jan		?		#35550	green
dqm13	*use Run3 era in online DQM, backport to 12_0*		Jan		?		#35551	green
val1	*more validation plots* details of N-F association efficiency, distances between tracks in each RP, t bias and resolution 2D histogram		Jan		?		#35740	green
val2	*dLyds perturbation scenario for modified optics* implemented in modified optics ES generator		Frizi		?		#36039	green (blue dashed)
PCLs:								
pcl5	*alignment – update of config classes*		Mateusz	Jan	DPG		#35174	green
pcl6	*alignment – upload of alignment config*		Mateusz, Wagner	Jan	DPG			green
pcl7	*alignment – PCL-like matrix workflow*		Mateusz	Jan	DPG		#35631	green
pcl8	*alignment – inclusion in central PCL*		AlCa		DPG			red
pcl9	*fix of alignment matrix test* details in here		Mateusz	Jan	DPG		#35874	green
pcl10	*fix of timing calibration matrix test*		Chris		DPG		#35988	green
pcl11	*AlCaReco producer for PPS calibrations*		Andrea	Leszek				yellow (blue 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			red
framework:								
fmw1	*UBSAN issue in TotemSampicFrame* details in here		Chris		?		#35654	green
fmw2	*UBSAN issue in CTPPSPixelDigiToRaw* details in here		Fabrizio		?		#35592	green
fmw3	*migration of PoolDBOutput service to *IOV methods* details in here		Fabrizio		?			red (blue 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			red