

tag	task	priority	assignee	consultant	responsible	due date	PR	status + dependence	
geometry:									
g1	final Run3 geometry update (XML)		Fabrizio, Gustavo		?		#35380	<div></div>	<div></div> <div></div> <div></div>
g2	fix: submit missing files		Gustavo		?		#35399	<div></div>	
g8	upload of geometry to DB (pre-processed) also GT update		Wagner		Fabrizio			<div></div>	
g18	default reco sequence uses pre-processed geometry		Wagner, Helena	Jan	Fabrizio		#35772	<div></div>	
g10	remove geometry specs from reco cff files https://github.com/cms-sw/cmssw/issues/31360		missing!		?			<div></div>	<div></div> <div></div> <div></div>
g11	organise files in Geometry/VeryForwardData/data		a newcomer	Clemencia	Fabrizio			<div></div>	
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	<div></div>	
g20	bug fix of Run2 pixel topology recovers low-x pixel acceptance in Run2 direct simu- lators WFs		Fabrizio	Jan	?		#35671	<div></div>	
g21	bug fix in data GTs for persistent geometry tags		Helena		?		#35846	<div></div>	<div></div> <div></div> <div></div>
g22	corrected material for Timing Station		Sunanda		?		#35961	<div></div>	
g23	update of cfi files to point to latest PPS geometry		Gustavo		?		#35996	<div></div>	
g24	upload of geometry to DB (DDD4HEP)		Wagner		Fabrizio			<div></div>	
reconstruction:									
re3	update of N-F association cuts: class, DB infrastructure		Grzegorz	Jan			#35248	<div></div>	<div></div> <div></div> <div></div> <div></div>
re4	update of N-F association cuts: DB upload		Wagner	Jan				<div></div>	
re5	update of N-F association cuts: use DB by default		Jan				#35766	<div></div>	
re7	N-F association cuts: update GTs for data and MC		Helena				#35914	<div></div>	
re6	N-F association cuts: bugfix for crash on DB read		Jan				#35941	<div></div>	<div></div>
direct simulation:									
ds1	adjust Run3 alignment		Jan		?		#35424	<div></div>	<div></div>
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			<div></div>	
DQM and validation plots:									
dqm5	timing RPs – support for SAMPIC readout adds sampic reco to the standard PPS reco se- quence, 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>	<div></div> <div></div> <div></div>
dqm10	timing RPs – update diamond DQM		Chris		DPG		#35454	<div></div>	
dqm11	common module – update RP ids		Jan		DPG		#35484	<div></div>	
dqm6	timing RPs – extract harvesting code to harvester modules and add per-LS plots		missing!		DPG			<div></div>	
dqm9	include PPS to T0 processing		Fabrizio		DPG		link	<div></div>	<div></div> <div></div> <div></div>
dqm12	use Run3 era in online DQM, fix in master		Jan		?		#35550	<div></div>	
dqm13	use Run3 era in online DQM, backport to 12.0		Jan		?		#35551	<div></div>	
val1	more validation plots details of N-F association efficiency, distances be- tween tracks in each RP, t bias and resolution 2D histogram		Jan		?		#35740	<div></div>	
val2	dLyds perturbation scenario for modified optics implemented in modified optics ES generator		Frizi		?		#36039	<div></div>	
PCLs:									
pcl5	alignment – update of config classes		Mateusz	Jan	DPG		#35174	<div></div>	<div></div> <div></div> <div></div>
pcl6	alignment – upload of alignment config		Mateusz, Wagner	Jan	DPG			<div></div>	
pcl7	alignment – PCL-like matrix workflow		Mateusz	Jan	DPG		#35631	<div></div>	
pcl8	alignment – inclusion in central PCL		AlCa		DPG			<div></div>	
pcl9	fix of alignment matrix test details in here		Mateusz	Jan	DPG		#35874	<div></div>	<div></div>
pcl10	fix of timing calibration matrix test		Chris		DPG		#35988	<div></div>	
nanoAOD:									
na2	simu tracks and protons in nanoAOD idea: run “direct” simu during nanoAOD produc- tion by default, this would be disabled, but available for private use		missing!		POG			<div></div>	
framework:									
fmw1	UBSAN issue in TotemSampicFrame details in here		Chris		?		#35654	<div></div>	<div></div> <div></div> <div></div>
fmw2	UBSAN issue in CTPSPixelDigiToRaw details in here		Fabrizio		?		#35592	<div></div>	
fmw3	migration of PoolDBOutput service to *IOV methods details in here		Fabrizio		?			<div></div>	
other:									
ot1	standardised code for simu + PU event merging code for standard PPS procedure of mixing (rec- hit level) simu signal with PU from unrelated real LHC events		Andrea?		POG			<div></div>	