tag	task	priority	assignee	consultant	responsible	due date	PR	status + dependence
geometry:								
g3	*update of diamond geometry for Run3*		Laurent		?		[#31484](#)	🟩
g4	*fix z sign of diamonds* LHC sector 45 should have z negative etc. * for Run3: correct z sign already in XML files * for Run2: z sign corrected in geometry builder Remove sign fixing from: proton reco, direct simu		Jan				[#32603](#)	🟩
g5	*fix overlaps of diamonds*		?		?			🟥
g6	*update pixels for Run3*		Fabrizio		Wagner			🟧
g7	*upload Run3 geometry XML to DB*		Wagner		Fabrizio			🟥
g11	*organise files in Geometry/VeryForwardData/data*		?		?			🟥
g8	*pre-processed geometry to DB – initial* * use a place-holder for Run3 * default reco sequence uses pre-processed geometry		Wagner	Jan	Fabrizio			🟧
g2	*remove geometry specs from reco cff files* https://github.com/cms-sw/cmssw/issues/31360		?		?			🟥
g9	*pre-processed geometry to DB – updated for Run3*		Wagner		Fabrizio			🟥
g12	*check compatibility of scoring plane z* the same z should be used by strip RPs, pixel RPs and optics		Jan		Fabrizio	Jan 2021		🟥
g13	*interpret DD4Hep values with DD4Hep units*		Gabrielle				[#32538](#)	🟩
g14	*recognise volume names in simu*		Carl Vuosalo				[#32667](#)	🟩
optimisations:								
opt1	*systematic use of edm::DetSetVector::emplace_back* cf. https://github.com/cms-sw/cmssw/pull/26069		Laurent		Jan		[#32572](#)	🟩
direct simulation:								
ds0	*per-year simulation with distributed conditions*		Chris, Jan		?		[#32207](#)	🟩
ds5	*fix in CTPPSCompositeESSource*		Jan		?		[#32640](#)	🟩
ds1	*2021 profile* adds also a default RP-position file with reasonable RP-beam distances (2mm for horizontal and 7mm for vertical RPs)		Jan				[#32602](#)	🟩
ds2	*tracking-RP efficiency*		Jan	Andrea	DPG	Jan 2021		🟧
ds3	*use cloning in cff files* to address *issue #32448*	high	Laurent		Jan	Jan 2021		🟧
ds4	*backport to 10_6*		Jan		?	Jan 2021		🟥
DQM:								
dqm1	*pixels – innocent bug fix* NROCsMAX instead of NplaneMAX *here*		Andrea	Fabrizio	Jan		[#32584](#)	🟩
dqm2	*timing RPs – add new Run3 RPs*		Laurent		DPG			🟧
dqm3	*timing RPs – other possible tasks* config flags to enable/disable plots for online/offline DQM, acquisition window size steered with a run-time parameter, TotemTimingDQMSource adapted for SAMPIC, extract harvesting code to harverster modules		?		DPG			🟥
PCLs:								
pcl1	*timing calibration*		Laurent	DB	DPG			🟧
pcl2	*alignment*		Mateusz?	Jan, DB	DPG			🟥
nanoAOD:								
na1	*reco tracks and protons in nanoAOD* Includes filter module to apply POG quality recommendations		Justin	Jan	POG		[#31531](#)	🟩
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		Justin?	Jan	POG			🟥
na3	*backport of #31531 to 10_6*	high	Justin		POG		[#32616](#)	🟨
other:								
ot0	*thread-safe ES data retrieval in all PPS code*		Laurent		Jan		[#32606](#)	🟩
ot1	*standardised code for simu + PU event merging* code for standard PPS procedure of mixing simu signal with PU from unrelated real LHC events; mixing on digi or rec-hit level?		Andrea?		POG			🟥