| tag            | task   | priority | assignee   | consultant | responsible | due date | PR            | status + dependence |
|----------------|--|----------|------------|------------|-------------|----------|---------------|---------------------|
| geometry:      |  |          |            |            |             |          |               |                     |
| g14            | update pixels for Run3 – XML files   |          | Fabrizio   |            | Jan, Luiz   |          |               |                     |
| g5             | fix overlaps of diamonds   |          | missing!   |            | ?           |          |               |                     |
| g17            | fix of DD4Hep related issues   |          | Fabrizio   |            |             |          |               |                     |
| g7             | final upload of Run3 geometry XML to DB  |          | Wagner     |            | Fabrizio    |          |               |                     |
| g16            | pre-processed geometry to DB – preparation 2   |          | Wagner     | Jan        | Fabrizio    |          | <u>#33851</u> |                     |
| g8             | pre-processed geometry to DB also inclusion to GT  |          | Wagner     | AlCa       | Fabrizio    |          |               |                     |
| g18            | default reco sequence uses pre-processed geometry  |          | Wagner     | Jan        | Fabrizio    |          |               |                     |
| g11            | organise files in Geometry/VeryForwardData/data  |          | a newcomer | Clemencia  | Fabrizio    |          |               |                     |
| g2             | remove geometry specs from reco cff files<br>https://github.com/cms-sw/cmssw/issues/31360  |          | Jan        |            | ?           |          |               |                     |
| g12            | check compatibility of scoring plane z the same z should be used by strip RPs, pixel RPs and optics  | low      | Jan        |            | Fabrizio    |          |               |                     |
| reconstruction | n:   |          |            |            |             |          |               |                     |
| re2            | diamonds: SAMPIC readout support   |          | Chris      | Edoardo    | Valentina   |          |               |                     |
| direct simula  | tion:  |          |            |            |             |          |               |                     |
| ds4            |  | high     | Jan?       |            | POG         |          |               |                     |
| DQM:           |  |          |            |            |             |          |               |                     |
| dqm2           | timing RPs – add new Run3 RPs  |          | Laurent    |            | DPG         |          |               |                     |
| dqm3           | timing RPs – config flags to enable/disable plots for online/offline<br>DQM  |          | missing!   |            | DPG         |          |               |                     |
| dqm4           | timing RPs – acquisition window size steered with a run-time pa-<br>rameter  |          | missing!   |            | DPG         |          |               |                     |
| dqm5           | timing RPs – TotemTimingDQMSource adapted for SAMPIC   |          | Chris?     |            | DPG         |          |               |                     |
| dqm6           | timing RPs – extract harvesting code to harverster modules   |          | missing!   |            | DPG         |          |               |                     |
| dqm7           | timing RPs – adjust ranges for better readability  |          | Chris?     |            | DPG         |          |               |                     |
| PCLs:          |  |          |            |            |             |          |               |                     |
| pcl2           | alignment  |          | Mateusz    | Jan        | DPG         |          |               |                     |
| 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!   | Jan        | POG         |          |               |                     |
| framework:     |  |          |            |            |             |          |               |                     |
| fw1            | esConsumes in CalibPPS and DQM/CTPPS   |          | Fabrizio   |            |             |          | #33848        |                     |
| fw2            | esConsumes in CondTools/CTPPS  |          | Jan        |            |             |          | #34377        |                     |
| -d             |  |          |            |            |             |          |               |                     |
| other:<br>ot1  | standardised code for simu + PU event merging<br>code for standard PPS procedure of mixing (rec-hit level) simu signal<br>with PU from unrelated real LHC events |          | Andrea     |            | POG         |          |               |                     |