































| tag                | task   | priority | assignee   | consultant | responsible | due date | PR                     | status + dependence   |
|--------------------|--|----------|------------|------------|-------------|----------|------------------------|---|
| geometry:          |  |          |            |            |             |          |                        |   |
| g5                 | <i>fix overlaps of diamonds</i>  |          | missing!   |            | ?           |          |                        |   |
| g6                 | <i>update pixels for Run3 – topology</i><br>different pixel topology needed for Run 2 and 3 – solved by moving the topology objects to ES with naturally associated IOVs |          | Fabrizio   |            | Jan, Luiz   |          | <a href="#">#32868</a> |       |
| g14                | <i>update pixels for Run3 – XML files</i>  |          | Fabrizio   |            | Jan, Luiz   |          |                        |       |
| g7                 | <i>upload Run3 geometry XML to DB</i>  |          | Wagner     |            | Fabrizio    |          |                        |    |
| g11                | <i>organise files in Geometry/VeryForwardData/data</i>   |          | a newcomer | Clemencia  | Fabrizio    |          |                        |    |
| g13                | <i>pre-processed geometry to DB – preparation</i>  |          | Wagner     | Jan        | Fabrizio    |          | <a href="#">#32836</a> |       |
| g8                 | <i>pre-processed geometry to DB – initial upload</i><br>* use a place-holder for Run3<br>* default reco sequence uses pre-processed geometry                             |          | Wagner     | Jan        | Fabrizio    |          |                        |       |
| g9                 | <i>pre-processed geometry to DB – updated for Run3</i>   |          | Wagner     |            | Fabrizio    |          |                        |   |
| g2                 | <i>remove geometry specs from reco cff files</i><br><a href="https://github.com/cms-sw/cmssw/issues/31360">https://github.com/cms-sw/cmssw/issues/31360</a>              |          | Jan        |            | ?           |          |                        |   |
| g12                | <i>check compatibility of scoring plane z</i><br>the same z should be used by strip RPs, pixel RPs and optics  | low      | Jan        |            | Fabrizio    |          |                        |    |
| reconstruction:    |  |          |            |            |             |          |                        |   |
| re1                | <i>pixels: use InputTag instead of plain string labels</i>   |          | Andrea     |            | Fabrizio    |          | <a href="#">#32971</a> |       |
| re3                | <i>fix of direct simulation workflow</i>   |          | Laurent    |            |             |          | <a href="#">#32998</a> |    |
| re2                | <i>diamonds: SAMPIC readout support</i>  |          | Chris      | Edoardo    | Valentina   |          |                        |   |
| direct simulation: |  |          |            |            |             |          |                        |   |
| ds2                | <i>tracking-RP efficiency</i>  |          | Jan        | Andrea     | DPG         |          | <a href="#">#32788</a> |   |
| ds3                | <i>use cloning in cff files</i><br>to address <i>issue</i> <a href="#">#32448</a>  |          | Laurent    |            | Jan         |          | <a href="#">#32974</a> |   |
| ds4                | <i>backport to 10_6</i>  | high     | Jan        |            | POG         | Mar 2021 |                        |   |
| DQM:               |  |          |            |            |             |          |                        |   |
| dqm2               | <i>timing RPs – add new Run3 RPs</i>   |          | Laurent    |            | DPG         |          |                        |    |
| dqm3               | <i>timing RPs – config flags to enable/disable plots for online/offline DQM</i>  |          | missing!   |            | DPG         |          |                        |    |
| dqm4               | <i>timing RPs – acquisition window size steered with a run-time parameter</i>  |          | missing!   |            | DPG         |          |                        |    |
| dqm5               | <i>timing RPs – TotemTimingDQMSource adapted for SAMPIC</i>  |          | Chris ?    |            | DPG         |          |                        |    |
| dqm6               | <i>timing RPs – extract harvesting code to harvester modules</i>   |          | missing!   |            | DPG         |          |                        |    |
| dqm7               | <i>timing RPs – adjust ranges for better readability</i>   |          | Chris ?    |            | DPG         |          |                        |    |
| PCLs:              |  |          |            |            |             |          |                        |   |
| pcl1               | <i>timing calibration</i>  |          | Laurent    | DB         | DPG         |          |                        |    |
| pcl2               | <i>alignment</i>   |          | Mateusz    | Jan, DB    | DPG         |          |                        |    |
| nanoAOD:           |  |          |            |            |             |          |                        |   |
| na2                | <i>simu tracks and protons in nanoAOD</i><br>idea: run “direct” simu during nanoAOD production<br>by default, this would be disabled, but available for private use      |          | missing!   | Jan        | POG         |          |                        |    |
| other:             |  |          |            |            |             |          |                        |   |
| ot1                | <i>standardised code for simu + PU event merging</i><br>code for standard PPS procedure of mixing (rec-hit level) simu signal with PU from unrelated real LHC events     |          | Andrea     |            | POG         |          |                        |    |