

v4-17-Release

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Weekly offline meeting

Requested modifications (16/11/09)

Not ready last week:

- #55883 The EndOfDetectorCycle is called by the core code as many times as the number of events of a cycle. (SSD). **Not ready.**
- #56211 Store reconstruction event specie in the ESD. **Not ready**
- #58023 Crash in AliRecoParam::SetEventSpecie if no GRP/GRP/Data entry found. Patch. **Would crash all the jobs because of the scalers.**
 - We decided to try this patch before we use it
- #58718 Changes in raw QA histos to be ported to the release (ZDC). From rev. 36667,36702. **Some fixes in STEER are needed.**

Committed modifications

- #59368: Port mods for switching on of PlaneEff with tracklete for first physics (ITS)
- #59355: Request to port rev. 36958 to the release (MUONTRKOCCda)
- #59348: Port request of TPC code
- #59347: Request to port amore-related changes to the release (MUON ; MCH)
- #59345: Port HMPID classes from trunk to Release: **done partially, bug still open**
- #59311 Further optimization of the V0 finder, trunk and v4-17-Release
- #59308 Request to port r37087 and r37118 to the release (TOF track matching)

Committed modification

- #59296 Request: Please port AliTPCPreprocessor.cxx. From rev. 37403
- #59284 Online reconstruction at P2 crashes in EMCAL (avoid reco of STU). From rev, 37116.
- #59213 Same track reconstructed twice: as global and ITS only. From rev. 37110
- #59125 Request to port changes to the release rev. 37005 (corrected types in VZERO)
- #59077: Request to port commit 36995 to v4-17-Release
- #59041 Change of volume YOUT2 cutout in the Dipole for MUON chamber rotation. From rev. 37020,37036,37067

Committed modification: HLT

- #59201 Request to port HLT online software to the v4-17-Release.
About 500 revisions in a macro.
- #59200 HLTTRDcluster/track/seed defined as friend in TRD code -> v4-17-Release. List of revisions.
- #59198 HLT related changes in AliITSDetTypeRec -> v4-17-Release. List of revisions.
- #59122 libHLTqadm is not loaded from QAManager any more

Committed modifications: QA

- #59261 ~50% of RAW data production jobs crash with 'double free ' in QA (do not delete ntuples, this is done when we close the corresponding file).
- #59255 Request to port changes to the release (ZDC DA, QA, raw stream). Patch.
- #59208 Request porting to release of QA mods needed by AMORE. From rev.37009,37065,37074
- #58718: Changes in raw QA histos to be ported to the release

Committed changes: OCDB

- #59366: Request to update TPC time dependent calibration for cosmics
- #59370: Request to port OCDB file for SPD to the release
- #59205 first TRD alignment set
- #59120 port in alien OCDB new calibration file (T0)
- #59091 Update raw://ITS/Calib/RecoParam OCDB object in view of first collisions
- #59028 Port request of TPC OCDB default entry
- #59025 request to put OCDB entries to alien – waiting for input

Committed modifications: SHUTTLE

#58981 TPC Preprocessor crashing in break segmentation violation in
PHYSICS run 99749

#59077 Request to port commit 36995 to v4-17-Release (EMCAL DA)

Other reports

- #59332: Very high memory consumption in RAW reco, SPD-only runs – duplicate of #57588 which has been fixed
- #59214 Suspicious track "kinks" at the entrance to the TPC
- #59212 no-TPC-refit tracks have wrong track parameters
- #59210 Additional random clusters in TRD assigned to good tracks
- #59287 Messages during reconstruction of splash events: too many clusters (ITS).

Requested modifications

- #59700: Request to port the `AliTRDQADataMakerRec.cxx` to the release
- #59657: Request to port `AliCaloFastAltroFitv0` to the release
- #59210: Additional random clusters in TRD assigned to good tracks
- #59439: GRP preprocessor – Updates
- #59498: port in Release T0 `AliT0DataMakerRec` for urgent usage @P2
- #57588: Port the fix for endless loop in `AliITSVertexer3D` for RAW data run 93417, 93428
- #56253: Port ZDC calibration for CALIBRATION_MB runs

Requested modifications

- #59523: Port memory leak fix in AliESDMuonCluster
- #59760: Bug in AliESDHeader::AddTriggerIR
- #59809: AliESDHLTDecision added to STEER and ported to v4-17 release
- #59810: AliGenPythia.h Setter for fItune to be ported to v4-17-Release
- #59345: Port HMPID classes from trunk to Release
- #59814: Request to port fixes in VZERO preprocessor code
- #59829: Request to port update of online HLT TPC to v4-17-Release
- #59825: Request to port new fast ITS cluster finders to v4-17-Release

Requested modifications

- #59823: Request to port support for new AliESDHLTDecision to v4-17-Release
- #59835: Request to port AliPHOSRawDigiProducer.cxx to release
- #59799: Update geometry for 1 SDD ladder (mounted with reversed orientation)
- #59831: Request to port update of online HLT MUON to v4-17-Release
- #59830: Request to port update of online HLT TRD to v4-17-Release
- #59833: Request to port update of global online HLT to v4-17-Release
- #59840: Request: Porting of new TPC code to the Release.

Requested modifications QA

- #58718: Port changes in raw QA histos to be ported to the release
- #59748: Request to port rev 37154 to the release (MUON QA crash in sim)
- #59758: Problems Run 100366 reprocessed with Rev-17
- #59655: Request to port QA stuff from trunk to release
- #59616: FIX requested in AliITSQADataMakerRec
- #59471: Request to port revision 37127 (ALiTPCQADataMakerRec) to allow DQM to reset between runs
- #59786: Request to port amoreMCH-related changes to the release (MUON)

Requested modifications QA

- #59847: Update of HLT ChangeLog in v4-17-Release

Requested modifications OCDB

- #54539: Size of the MUON OCDB entries in memory
- #59741: New iteration of SPD dead channel map
- #59744: Request to port new RecoParam object for MUON to raw://
- #59610: EMCAL: Port new reco params OCDB file to raw OCDB
- #59836: Request to port PHOS bad channel map to CDB raw://
- #59758: Problems Run 100366 reprocessed with Rev-17 -- port to the release
- #59857: Request to add the attached object in OCDN raw://