

# SVAC resynch 11102006

## Code Versions

### Pipeline version:

v1.4.6

### GRITS tag (web browsing and task configuration)

glast-ground v0r3p7  
grits-gino-web version 0.55 (v0r5p5)  
grits-gino version 0.95 (v0r9p5)  
grits-gino-xml version 1.42 (v1r4p2)  
grits-common version 0.32 (v0r3p2)

### online/svac (task defs, scripts):

#### pipeline tasks:

online: v2r4p1

#### svac pipeline code and tasks:

code/tasks v3r8p3:

No longer necessary to let pipeline drain before upgrades. Multiple version can run concurrently.

Added TkrReport task

If some recon chunks fail, don't redo the ones that succeeded

Split recon into many TPs to give finer rollback granularity

Longrunning TPs run on glastdataq

Simplified data directory structure

Better automatic cleanup after recon failures

More sharing of wrappers between TPs

Make .htaccess files to prevent HTTP downloads of ROOT files

Delete .evt, .pkt, and some RECON.root files after they are used

Raise recon chunk size to take advantage of new LSF queue limits

pipelineDatasets v0r3

#### ISOC code and tasks:

v0r5p0

#### Apps that run in pipeline:

eLog: v2r3p2

ConfigTables: v4r0p3

Partial support for LATC/FSW

TestReport: v3r6p30 (digi & recon reports):

- v3r6p15 awb - Fixed bug in TKR layers per tower (first half was repeated twice). Hmmm .... probably benign .... only a (not used) label problem.
  - Added rate of some quantities. Uncommented the livetime calculation.
- v3r6p16 awb - Not plot CAL occupancy for periodic triggers.
  - Added livetime corrected average trigger rate.
  - Added time plot of livetime.
  - Fixed time of first and last event.
  - Fixed stat opt for some plots.
- v3r6p17 awb Added plot of datagram creation time minus event time.
- v3r6p18 awb Added correct stat mode for the new histograms.
- v3r6p19 awb Fixed some things.
- v3r6p20 awb - Added histogram for delta event ID per CPU.
  - Fixed bug in datagram creation time minus event time plots.
  - Fixed bug in calculation of average rates.
- v3r6p21 awb Corrected typo in axis label in one histogram.
- v3r6p22 awb Fixed formatting in report.
- v3r6p23 awb Fixed bug in 'Not plot CAL occupancy for periodic triggers.'
- v3r6p24 awb - Fixed normalization in CAL plots without periodic triggers.
  - Plot negative delta GEM IDs, not only print a warning in case it happens.
  - Added expected livetime.
- v3r6p25 awb Fixed time calculations when more than one second between current and previous timetone 1-PPS.
- v3r6p26 awb Now use gmtime to avoid Daylight Savings Time bug.
- v3r6p27 awb Another tag, another rollover ....
- v3r6p28 awb Added explicit check to see if we read out hits from the left in TKR Bay 10, layer 0.
- v3r6p29 awb Added check for gaps in datagram sequence number.
- v3r6p30 awb Made rate plots linear scale.

EngineeringModelRoot: v3r3 (SVAC tuple)

- v3r0p1 awb Minor update in merge Root script so it now points to an existing release.
- v3r0p2 awb Added a few more variables.
- v3r0p3 awb Fixed typo in ACD non-attached tile message.