

CCB Action 20050627

svac changes

Dario discovered a bug in the filling of an SVAC ntuple variable, TkrNumClusters, see JIRA <http://jira.slac.stanford.edu/browse/SVAC-63>. This bug affects all 2 and 4 tower data and MC.

The bug has been fixed in EngineeringModelRoot v1r3p19. We would like to put this into the pipeline asap (in particular before the 6 tower SVAC data runs this week).

Because of the nature of the bug we need to reprocess the 2 and 4 tower data set. In the current pipeline setup this means reprocessing everything from digi on (including recon). We will look closer at disk space issues before we do this.

Plus a booboo: this code was inadvertently included in the live pipeline code:

The patch allows selecting geometry files other than the "flight" one, based on the number of towers present. These are necessary because configurations with 10, 12, or 14 towers have "voids" in the grid. Fixes <http://jira.slac.stanford.edu/browse/SVAC-60>.

Code Versions

Engineering Model (sim/recon) [v5r0608p2](#)

System Tests for this [version](#)

System Tests [Result](#)

FRED version

[0.98](#)

Pipeline tag

v1r0p2

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: v2r1p2

svac pipeline code and tasks:

code/tasks v3r1p18

ISOC code and tasks:

v0r5p0

Apps that run in pipeline:

eLog: v2r2p6
ConfigTables: v3r1p4
TestReport: v3r2p7 (digi & recon reports)
EngineeringModelRoot: v1r3p19(SVAC tuple) ****changed****

Approval: 27 June: Bill, Richard, Steve. Eduardo out of town.