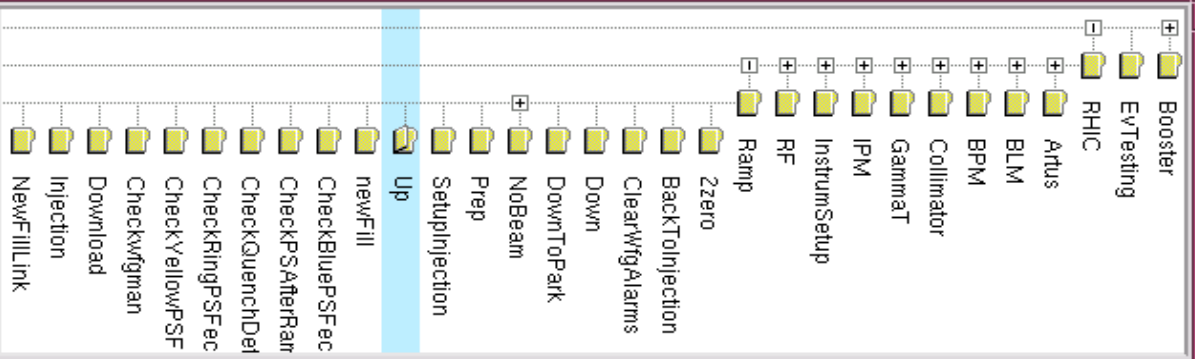


Status Report for the RHIC Control System

J. Morris, T. D'Ottavio
BNL, Upton, NY 11973





::RHIC::Ramp::Up

Start the Acceleration Ramp

+ Check if Prep was done	Checkwfygman - message (Ramp Prepare done)
+ Instrumentation - AccRamp setup	InstrumSetup::AccRamp
+ Setup RF DSP	RF::accramp
+ Trigger Blue r track event	Trigger - event ev - btrack
+ Trigger Yellow r track event	Trigger - event ev - ytrack
+ Booster Off	Booster::Off
+ Enable accramp	EnableEvent - event ev - accramp
+ Trigger pre - acc event	Trigger - event ev - preacc
+ Note ramp number in elog	UpRampNumberToElog
+ Delay/Synch with 0.25hz?	Delay - msec 4000
+ Setup the ev - stone events	Stone::SetupTrigger
+ Trigger accramp	Trigger - event ev - accramp
+ Disable accramp	DisableEvent - event ev - accramp
+ WCM - Transition, delayed	After - msec 25000 - proc WCM::Transition
+ RF Accel Volt to Low	After - msec 30670 - proc RF::injectMatch
+ BLM - Threshold setup, delayed	After - msec 100000 - proc BLM::Threshold
+ WCM - FlipPattern, delayed	After - msec 180000 - proc WCM::FlipPat
S Disable Blue Synchro	DisableEvent - event ev - breset- synchro
S Disable Yellow Synchro	DisableEvent - event ev - yreset- synchro
+ set Blue ring spec	AdoSet - name ringSpec:blue - property ringStates - value (ramping
+ set Yellow ring spec	AdoSet - name ringSpec:yellow - property ringStates - value (rampin
+ waitfor LastStone	waitfor - what LastStone
+ Trigger Flatop event	Trigger - event ev - flatop
+ Delay a bit	Delay - msec 5000
+ Freeze the MADCVWFG 30Hz buffers	Trigger - event ev - psrampsave
+ Booster on	Booster::On
+ set the liveStone	Stone::store
+ RF: Cog Beams to collision	RF::CogToCollision
+ Set slow factor	AdoSet - name wfygman:rhic - property slowFactors - value 20
+ set Blue ring spec	AdoSet - name ringSpec:blue - property ringStates - value store
+ set Yellow ring spec	AdoSet - name ringSpec:yellow - property ringStates - value store
+ Switch ev - stone RTDL trigger off	AdoSet - name rtldEvents:stone - property controls - value Off
+ Instrumentation - Flatop setup	InstrumSetup::Flatop
+ Check for PS Ramp Errors During Ramp	CheckPSSAAfterRamp

Fri Nov 02 16:19:54 EST 2001 LAServer: BLM Loss Analysis started
 Fri Nov 02 16:20:03 EST 2001 LAServer: Analysis completed for Lm.1004735986 in blue ring(s) : NO DUMP LMS PINNED (CONSIDER DUMP DIRTY)
 Fri Nov 02 16:23:38 EST 2001 LAServer: BLM Loss Analysis started
 Fri Nov 02 16:23:48 EST 2001 LAServer: Analysis completed for Lm.1004736211 in blue ring(s) : NO DUMP LMS PINNED (CONSIDER DUMP DIRTY)

Source Fill	Target Fill
01526	01526
01525	01525
01524	01524
01523	01523
01522	01522
01521	01521
01520	01520
01519	01519
01518	01518
01517	01517

Source Capture
 Injection
 Snapramp
 Store

Target Capture
 Injection
 Snapramp
 Store

Source File
 01Oct28-1644_wfgs
 01Oct28-1644_iref
 01Oct28-1644_curr

Target File
 01Oct28-1644_wfgs
 01Oct28-1644_iref
 01Oct28-1644_curr

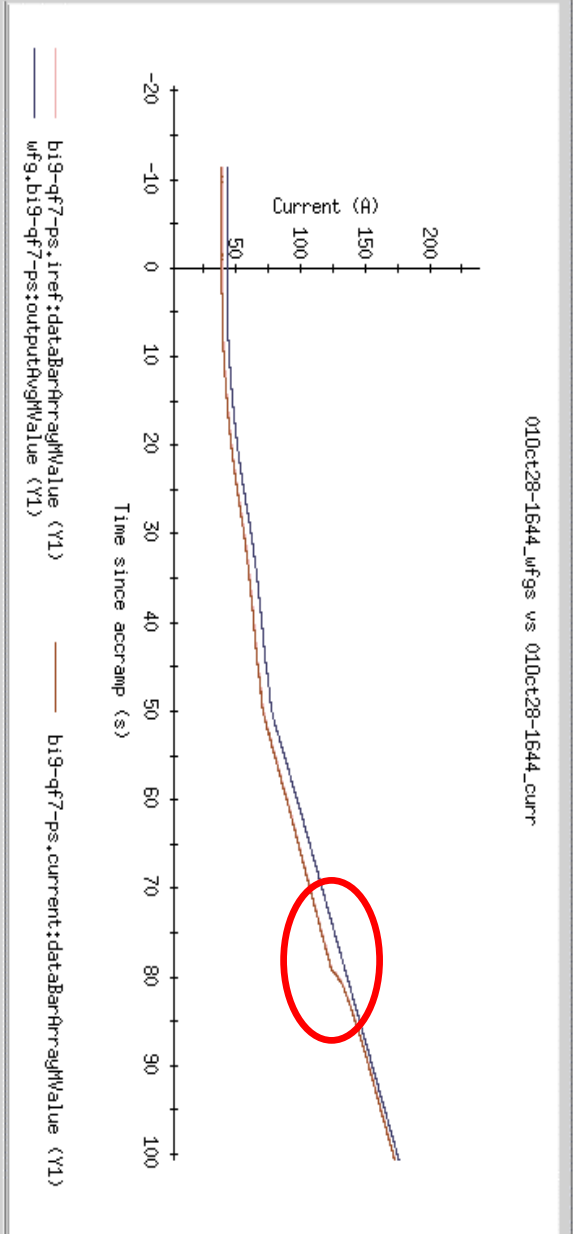
Refresh Listings

Compare Times

- 011 seconds
- 010 seconds
- 009 seconds
- 008 seconds
- 007 seconds
- 006 seconds
- 005 seconds
- 004 seconds

Relative Time
 Absolute Time

Compare 1Hz Samples
 Compare 30Hz Data



Power Supply Difference Table (1Hz Samples)

Power Supply	Difference (%)	Time (s)
bi9-qf7-ps	1.76546	79
yo8-tv12-ps	0.791619	153
yi7-sxd-ps	0.779802	217
bi1-sxd-ps	0.678551	191
bo11-sxd-ps	0.67737	192
bo2-tv17-ps	0.672314	243
yi3-sxd-ps	0.627245	216
yo1-sxd-ps	0.61923	215
bo7-sxd-ps	0.608091	189
bi9-sxd-ps	0.592752	190
bo6-oct3-ps	0.586193	53
bi5-sxd-ps	0.580034	192
bo3-sxd-ps	0.574869	191
yo5-sxd-ps	0.557621	212
yi6-oct3-ps	0.544273	53
yi11-sxd-ps	0.517696	213
bi8-oct3-ps	0.475609	53
yo9-sxd-ps	0.472523	214

Ramp Graph
 Auto Update Graph
 Auto Reset Limits
 Graph 30Hz Data

Blue
 Yellow

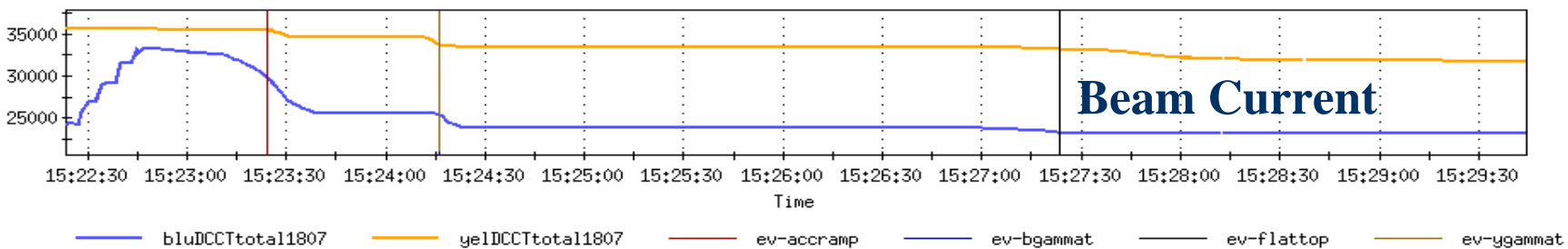
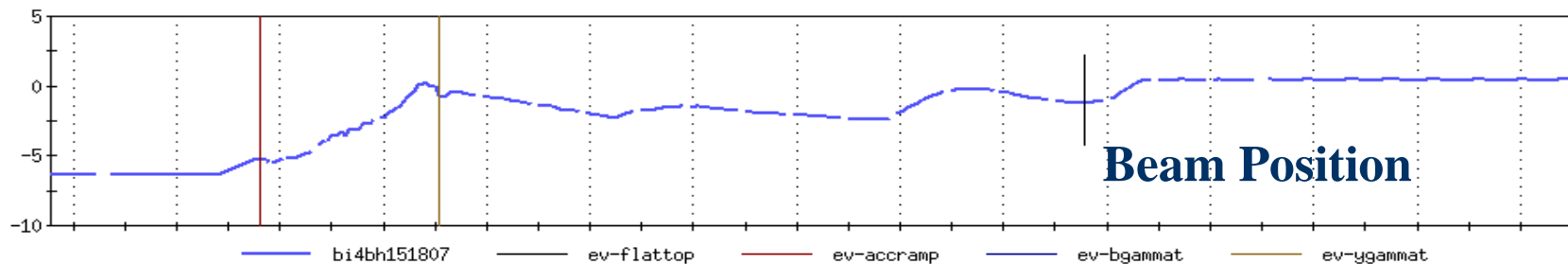
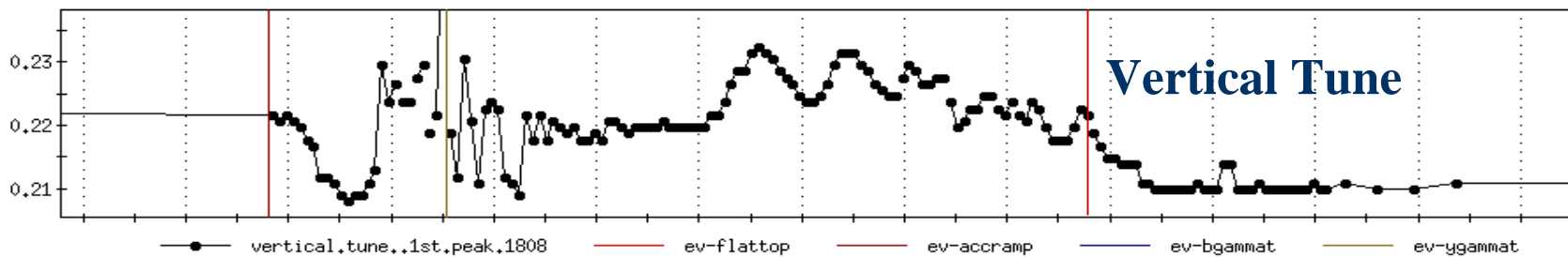
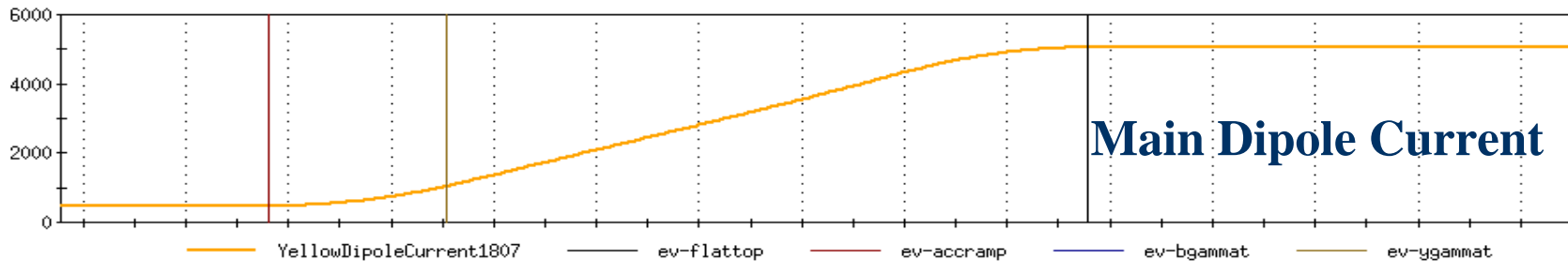
Main
 IR
 Corrector
 Gamma-t

Table Filter: *

Tolerance (A): 1

Tolerance Mode
 Relative Absolute

Refresh Table



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