

Injector Status

Haixin Huang

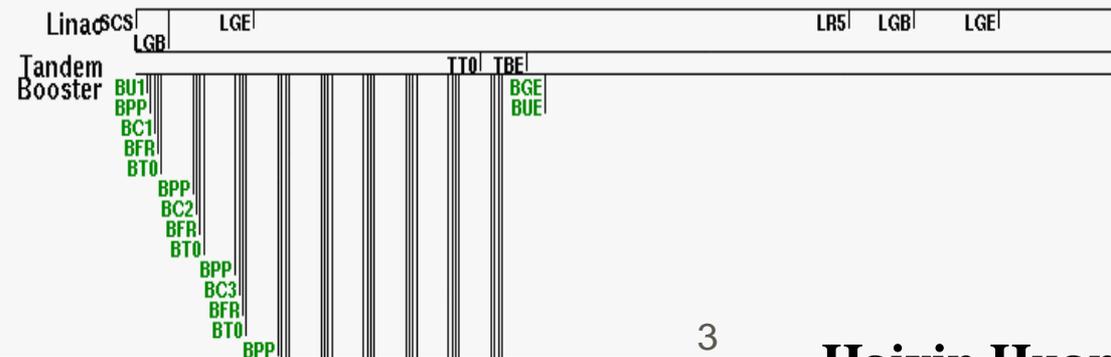
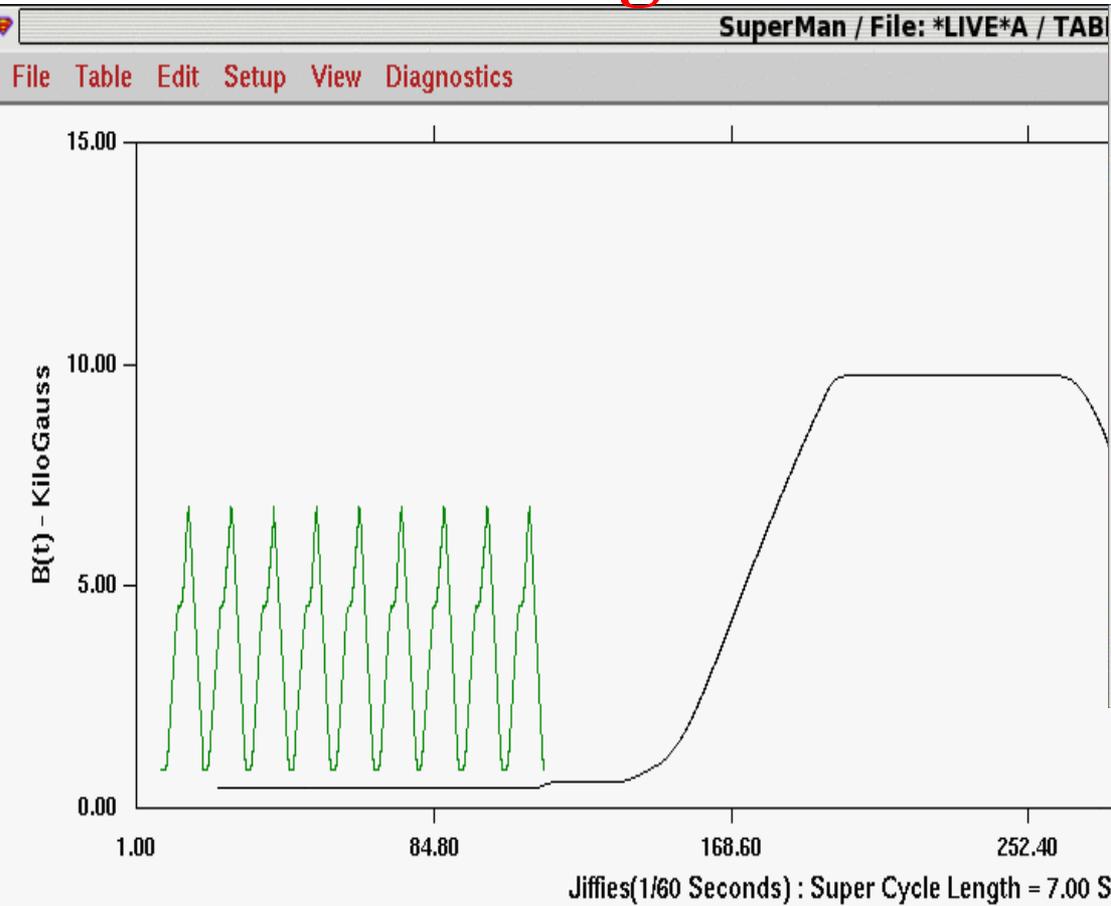
Jan. 19, 2016

Time Meeting

Injector Status

- Au beam has been accelerated to AGS flattop with the new merge porch for the second bunch merge. The 8->4->2 is retuned with this new porch. Bunch intensity is about 1.8-1.9E9/bunch.
- The higher second merge porch is needed for 6->3->1 and 12->6->2 merge. We will stay with the merge porch even if 6->3->1 does not work. We can use it for 8->4->2. The baby bunch is qualitatively less.
- The 6->3->1 merge development is ongoing.
- 12 pulse mode has been tested at EBIS source with 7 sec and 6.4 sec super cycles (for comparison, 5.4sec is used for 8->4->2 merge, 4.4sec is used for 6->3->1 merge). Both worked fine.
- The AGS extraction setup is ongoing this morning.
- Siemens oil leak is under control, there is still some small leak which will be worked on during maintenance day.

AGS Bunch Merge with and without New Porch



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Haixin Huan

RemoteScope

Scope Name	User	Session	Start
MCR_01	mljackson	Jan 13 16:22	
MCR_02	gufhongz	Jan 11 11:09	
MCR_03	lovelace	Jan 13 08:14	
MCR_04	woofel	Jan 12 16:47	
MCR_05	mc	Jan 12 19:44	
MCR_06	gufhongz	Jan 13 14:10	
MCR_FAST_07	mc	Jan 13 12:28	
MCR_FAST_08	mc	Jan 11 12:41	
MCR_FAST_09	mc	Jan 13 13:30	

Signals: Ch 1: , Ch 2: , Ch 3: AGS_MTN_RANGE, Ch 4: ad.g5.wcm(2)

Trigger: Machine: Booster, Start: Booster TO, Clock: Realtime, Delay: 0 usec

PPM Users: 1, 2, 3, 4

Cycles: First, Second, Third, Fourth

LeCroy WR104MXI-A

With new porch

RemoteScope

Scope Name	User	Session	Start
MCR_01	mc	Jan 8 17:43	
MCR_02	gufhongz	Jan 7 13:06	
MCR_03			
MCR_04			
MCR_05	mc	Jan 8 17:43	
MCR_06			
MCR_FAST_07			
MCR_FAST_08			
MCR_FAST_09	woofel	Jan 8 17:09	

Signals: Ch 1: , Ch 2: , Ch 3: AGS_MTN_RANGE, Ch 4: ad.g5.wcm(2)

Trigger: Machine: Booster, Start: Booster TO, Clock: Realtime, Delay: 0 usec

PPM Users: 1, 2, 3, 4

Cycles: First, Second, Third, Fourth

LeCroy WR104MXI-A

Without new porch

MCH trigger menu success
 Updating analog signal info
 New rdeatop client success
 Setup file operations success