

VME Intensity Monitor - Feature #10966

Reset sum on disarm event + delay

11/19/2015 04:06 PM - John Diamond

Status:	Assigned	Start date:	11/19/2015
Priority:	Normal	Due date:	
Assignee:	John Diamond	% Done:	90%
Category:		Estimated time:	3.00 hours
Target version:		Spent time:	1.50 hour
Description			
Right now we reset a sum device to 0 on the reset event. Phil & Elliott would like to reset on the disarm event plus sum delay. The immediate request is for I:19SUM3 to reset to 0 on the \$26 + 400ms.			

History

#1 - 11/19/2015 04:51 PM - John Diamond

- % Done changed from 0 to 50

Added code for a delay parameter to vmeintSumCreate(..).
The sum now resets inside of the disarm handler instead of the arm handler.
Ready for testing on test-stand.

#2 - 11/20/2015 10:12 AM - John Diamond

- File s23703.gif added

- % Done changed from 50 to 80

Verified the changes on the s60tor test-stand.
Configured Z:S23703 to arm on \$e3, trigger on \$e4 + 10ms and disarm/reset on \$e6 + 400ms. See attached plot

s23703.gif

#3 - 11/20/2015 10:33 AM - John Diamond

- % Done changed from 80 to 90

Also verified that vmeintSumCreate could be used to alter the parameters of a sum at runtime.
Code committed on origin/master and origin/mirror_master.
Needs to be deployed **with updated startup scripts!**

Files

s23703.gif	8.06 KB	11/20/2015	John Diamond
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