VME Intensity Monitor - Milestone #11650

Mar 2016 Release A - 201603A

02/05/2016 02:29 PM - John Diamond

Status:	Closed	**Start date:**	02/12/2016
Priority:	High	**Due date:**	
Assignee:		**% Done:**	93%
Category:	Release	**Estimated time:**	0.00 hour
Target version:		**Spent time:**	137.00 hours

Description

This will be release 201603A

Included targets are:

- nbeam
- anub
- m10tor
- mi14tor
- mi30tor
- s60tor
- pxint

Excluded targets are * none

Subtasks:

Task # 11840: Refactor VMEInt::intensityRead(..) to delegate through the IIntMonitorDev	**Closed**
Task # 11718: Refactor FFT readout to occur at the end of pulse	**Closed**
Bug # 11719: Raw pulse data should only readout the number of samples that were digitized	**Closed**
Task # 11761: 201602A Replace Vector of Monitors with Map.	**Closed**
Support # 11758: 201602A Document ATR	**Work in progress**
Feature # 11729: 201602A Replace Latch with ATR	**Work in progress**
Feature # 11699: Dump raw ADC data to file	**Closed**
Task # 11712: Document save raw data tools	**Closed**
Feature # 11651: ACNET devices for raw ADC data	**Closed**
Task # 11713: Create raw data ACNET devices	**Closed**
Task # 11520: Create new sum devices	**Assigned**
Task # 11715: Refactor SumMgr to use EvtTrigTclkEventGenerator	**Closed**
Feature # 11843: PXIE MPS support	**Closed**
Feature # 11991: Average pulse integrated intensity	**Closed**
Feature # 12028: On/off switch for readouts	**Closed**
Feature # 12054: Baseline subtraction for DCCTs	**Closed**
Feature # 12159: Scaling filter for PXIE Ring Pickup	**Closed**

History

#1 - 03/16/2016 03:17 PM - John Diamond

nmltor is now running a pre-release version of 201603A.

#2 - 04/06/2016 09:41 AM - John Diamond

Seeing as there is a shutdown today, now would be a good time to deploy this release.

#3 - 04/06/2016 12:07 PM - John Diamond

Deployed to:

- pxint
- anub
- mi14tor

After lunch:

- mi30tor

Decided to skip:

- nbeam
- m10tor

#4 - 04/06/2016 02:02 PM - John Diamond

Found that the Sum task was crashing on mi14tor after receiving a trigger. Seems that using the two-parameter VMEInt::filterChainRead(..) method was the problem. Since we don't have any need for sampling the sums at different levels in a filter chain I just went ahead and switch it to using the single-parameter filterChainRed(..) method.

#5 - 04/06/2016 02:49 PM - John Diamond

- Status changed from New to Closed

Re-deployed bug-fixes to:

- mi14tor
- anub
- pxint

Deployed to:

- mi30tor

Tagged as "release-201603A" on origin/master.