

adinstbpm - Milestone #17719

Booster operational test of one crate alongside existing BPM system

09/15/2017 11:06 AM - John Diamond

Status:	New	Start date:	09/15/2017
Priority:	Normal	Due date:	
Assignee:		% Done:	68%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	163.25 hours
Description			
Subtasks:			
Task # 17720: Booster BPM ACNET Interface			Work in progress
Task # 17721: ACNET device BPM Numbers (0x0017)			Work in progress
Task # 17722: ACNET device BPM Offsets (0x0016)			Resolved
Task # 17723: ACNET device BPM Digitizer Raw Data (0x0013)			Resolved
Task # 17724: ACNET device BPM Turn-by-Turn Scaled Position			Work in progress
Task # 17725: ACNET device BPM Single Turn Scaled Position (0x001f)			Resolved
Task # 17726: ACNET device BPM Single Turn Scaled Position Buffer (0x0020)			Resolved
Task # 17727: ACNET device BPM Turn-by-Turn Extra Inputs			Resolved
Task # 17728: ACNET device BPM Digitizer Control Registers (0x0012)			Rejected
Task # 17729: ACNET device BPM Average Position (Snapshot) Orbit (0x0014)			Work in progress
Task # 17730: ACNET device BPM Orbit Group (0x001e)			Work in progress
Task # 17731: ACNET device BPM Closed Orbit Circular Buffer (0x0010)			Resolved
Task # 17732: ACNET device BPM Closed Orbit Circular Buffer (0x0011)			Rejected
Task # 17733: ACNET device BPM RF Test Device (0x0021)			Rejected
Task # 17734: ACNET device BPM Orbit Correction Device (0x0022)			Work in progress
Task # 17974: Create ACNET devices for B38 and B40			Resolved
Task # 17975: Test B38 and B40			Work in progress
Task # 17737: bpmd error facility			Work in progress
Bug # 17746: Segfault every other time Acsys is restart			Rejected
Task # 17755: Verify DAQ operation with at least 4 modules			Work in progress
Feature # 17771: Support for flash-turn and flash-orbit measurements			Work in progress
Feature # 17776: Support for DMA transfers from DAQ modules			New
Task # 17844: Locking mechanism for shared memory objects			Resolved
Task # 17935: Booster BPM State Machine			Work in progress
Task # 18132: bpmcli commands for enabling/disabling state machine			Work in progress
Milestone # 17998: Improvements to bpmcli			New
Task # 17999: Refactor to use getopt			Resolved
Task # 18000: Support BPM lists in dump commands			Resolved
Task # 18044: Refactor bpmcli 'abort' command to be a CLICCommand			Resolved
Task # 18045: Refactor bpmcli 'arm' command to be a CLICCommand			Resolved
Task # 18046: Refactor bpmcli 'dump_flash_history' command to be a CLICCommand			New
Task # 18047: Refactor bpmcli 'help' command to be a CLICCommand			New
Task # 18048: Refactor bpmcli 'readout' command to be a CLICCommand			Resolved
Task # 18049: Refactor bpmcli 'show' command to be a CLICCommand			Resolved
Task # 18050: Refactor bpmcli 'shutdown' command to be a CLICCommand			Resolved
Task # 18009: Driver for Booster BPM transition board			Resolved
Feature # 18037: Support flagging that data could not be read when a DAQ module is miss...			Resolved
Task # 18055: No beam threshold			Resolved
Task # 18149: Implement Booster BPM scaling			Resolved

Task # 18151: Configure BPMs for test stand at Booster location 21

Bug # 18197: Why do soft reboots sometime hang?

Task # 18324: Implement polynomial scaling

Feature # 18636: bpmcli command to reload bpmd.conf

Work in progress

New

Resolved

Assigned