adinstbpm

	2020-10				2020-11				2020-12					2021-1				2021-2				2021-3			
	41	42	43	44	45	46	47	48	49	50	51	52	53	1	2	3	4	5	6	7	8	9	10	11	12
AD Instrumentation	AD Instrumentation																								
adinstbpm																									
Booster operational test of one crate (...)	New																								
Booster BPM ACNET Interface	Work in progress																								
ACNET device BPM Numbers (0x0017)	Work in progress																								
ACNET device BPM Offsets (0x0016)	Resolved																								
ACNET device BPM Digitizer (...)	Resolved																								
ACNET device BPM Turn-by-Turn (...)	Work in progress																								
ACNET device BPM Single Turn (...)	Resolved																								
ACNET device BPM Single Turn (...)	Resolved																								
ACNET device BPM Turn-by-Turn (...)	Resolved																								
ACNET device BPM Average Position (...)	Work in progress																								
ACNET device BPM Orbit Group (...)	Work in progress																								
ACNET device BPM Closed Orbit (...)	Resolved																								
ACNET device BPM Orbit Correction (...)	Work in progress																								
bpmd error facility	Work in progress																								
Verify DAQ operation with at least (...)	Work in progress																								
Support for flash-turn and flash-orbit (...)	Work in progress																								
Support for DMA transfers from (...)	New																								
Locking mechanism for shared memory (...)	Resolved																								
Create ACNET devices for B38 and (...)	Resolved																								
Test B38 and B40	Work in progress																								
Driver for Booster BPM transition (...)	Resolved																								
Support flagging that data could (...)	Resolved																								
No beam threshold	Resolved																								
Implement Booster BPM scaling	Resolved																								
Configure BPMs for test stand at (...)	Work in progress																								
Why do soft reboots sometime hang?	New																								

Implement polynomial scaling	Resolved
bpmcli command to reload bpmd.conf	Assigned
Refactor to use getopt	Resolved
Support BPM lists in dump commands	Resolved
Refactor bpmcli 'abort' command (...)	Resolved
Refactor bpmcli 'arm' command to (...)	Resolved
Refactor bpmcli 'dump_flash_history' (...)	New
Refactor bpmcli 'help' command (...)	New
Refactor bpmcli 'readout' command (...)	Resolved
Refactor bpmcli 'show' command (...)	Resolved
Refactor bpmcli 'shutdown' command (...)	Resolved
bpmcli commands for enabling/disabling (...)	Work in progress
Improvements to bpmcli	New
Booster BPM State Machine	Work in progress
Support for GigE ADCs	New
x86 support for Technobox XMC GigE (...)	Work in progress
IOTA BPM deployment	New
IOTA ACNET Interface	New
Crate status and control device	Work in progress
Support for 4-channel 2-dimensional (...)	Resolved
Startup despite missing timing (...)	Resolved
Adapter for NML timing module	Work in progress
Adapter for IOTA DAQ module	Resolved
IOTA State Machine	Resolved
Functional specification document	Assigned
The number of samples argument (...)	New
Control message queue is not destroyed (...)	Resolved
Enter BPMs into bpmd.conf	Resolved
Create separate "stable" branches (...)	Resolved
IOTA BPM TBT Array Device	Assigned
ACNET device for Arming IOTA BPMs	Assigned
BPM-level delay configuration	New
Separate IOTA ACNET code from BoosterBPMACNETIC (...)	Work in progress
Orbit structure device for IOTA (...)	Work in progress

Support multiple sets of coefficients (...)	New
TCLK-driven arm and TBT readout (...)	New
Request ethernet connection for (...)	Resolved
Request ACNET node assignment	Resolved
BPM Diagnostics Application	New
ACNET interface for adjusting TSG and (...)	Assigned
Deploy IOTA BPM hardware	New
Booster BPM deployment	New
Gather crate and CPU MAC addresses (...)	Work in progress
Request ethernet connection for (...)	Assigned
Request ethernet connection for (...)	Assigned
Request ethernet connection for (...)	Assigned
Request ethernet connection for (...)	Assigned
Request ACNET node assignment for (...)	Work in progress
Request ACNET node assignment for (...)	Work in progress
Request ACNET node assignment for (...)	Work in progress
Request ACNET node assignment for (...)	Work in progress
bpmd.conf for BBPL15	New
bpmd.config for BBPL15	New
Change node name for all BBPM15 (...)	Resolved
Change node name for all BBPM06 (...)	Resolved
Change node name for all BBPM21 (...)	Resolved
Change node name for all BBPM12 (...)	Resolved
Change node name for all BBPM18 (...)	Resolved
Change node name for all BBPM24 (...)	Resolved
Snapshot plot support for Booster BPMs	Assigned
PIP2IT BPM Project	New
Refactor to store positions inside (...)	New
Position calculation thread	New
IPC to broadcast events from bpmd	New
Support GigE readout	New
Python API for accessing BPM data	New
Merge iota_stable, booster_stable	New
Support for I&Q, phase space data (...)	New

Support displaying bpmd broadcasts	New
Support displaying data in gnuplot	New
RMS analysis process	New
Interactive bpmcli	New
Support for Analysis Processes	New
Support rack-mount server architecture	New
Review request [commit:9d6fb8c32be2b760ee7030952412908551c178991: (...)	New
Missing Mutual Exclusion with linked (...)	New
TRACE buffer levels need to be in enumeration	New