adinstbpm - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
17729	Task	Work in progress	Normal	ACNET device BPM Average Position (Snapshot) Orbit (0x0014)	John Diamond	10/19/2017 02:53 PM
17731	Task	Resolved	Normal	ACNET device BPM Closed Orbit Circular Buffer (0x0010)	John Diamond	10/18/2017 08:14 PM
17723	Task	Resolved	Normal	ACNET device BPM Digitizer Raw Data (0x0013)	John Diamond	10/18/2017 08:18 PM
17721	Task	Work in progress	Normal	ACNET device BPM Numbers (0x0017)	John Diamond	11/10/2017 08:54 AM
17722	Task	Resolved	Normal	ACNET device BPM Offsets (0x0016)	John Diamond	10/18/2017 08:17 PM
17734	Task	Work in progress	Normal	ACNET device BPM Orbit Correction Device (0x0022)	John Diamond	11/14/2017 04:07 PM
17730	Task	Work in progress	Normal	ACNET device BPM Orbit Group (0x001e)	John Diamond	10/19/2017 03:18 PM
17725	Task	Resolved	Normal	ACNET device BPM Single Turn Scaled Position (0x001f)	John Diamond	10/18/2017 08:12 PM
17726	Task	Resolved	Normal	ACNET device BPM Single Turn Scaled Position Buffer (0x0020)	John Diamond	10/18/2017 08:12 PM
17727	Task	Resolved	Normal	ACNET device BPM Turn-by-Turn Extra Inputs	John Diamond	10/18/2017 07:45 PM
17724	Task	Work in progress	Normal	ACNET device BPM Turn-by-Turn Scaled Positon	John Diamond	10/19/2017 02:40 PM
20522	Task	Assigned	Normal	ACNET device for Arming IOTA BPMs	Elliott McCrory	08/31/2018 01:55 PM
20038	Task	Assigned	Normal	ACNET interface for adjusting TSG and ADC channel delays	Elliott McCrory	05/29/2018 03:04 PM
20354	Task	Resolved	Normal	Adapter for IOTA DAQ module	John Diamond	07/26/2018 11:36 AM
20353	Task	Work in progress	Normal	Adapter for NML timing module	John Diamond	07/20/2018 09:33 AM
17720	Task	Work in progress	Normal	Booster BPM ACNET Interface	John Diamond	11/14/2017 04:07 PM
20540	Milestone	New	Normal	Booster BPM deployment	John Diamond	08/28/2018 09:29 PM
17935	Task	Work in progress	Normal	Booster BPM State Machine	John Diamond	11/09/2017 03:09 PM
17719	Milestone	New	Normal	Booster operational test of one crate alongside existing BPM system		12/29/2017 11:08 AM
18132	Task	Work in progress	Normal	bpmcli commands for enabling/disabling state machine	John Diamond	11/09/2017 03:09 PM
18636	Feature	Assigned	Normal	bpmcli command to reload bpmd.conf	John Diamond	12/29/2017 11:08 AM
20681	Task	New	Normal	bpmd.conf for BBPL15		08/26/2018 02:41 PM
20682	Task	New	Normal	bpmd.config for BBPL15		08/26/2018 02:41 PM
17737	Task	Work in progress	Normal	bpmd error facility	John Diamond	10/20/2017 01:56 PM
19850	Milestone	New	Normal	BPM Diagnostics Application		05/02/2018 09:28 AM
20551	Task	New	Normal	BPM-level delay configuration		08/07/2018 02:38 PM
20693	Task	Resolved	Normal	Change node name for all BBPM06 devices	John Diamond	08/28/2018 10:02 AM
20703	Task	Resolved	Normal	Change node name for all BBPM12 devices	John Diamond	08/28/2018 06:37 PM
20683	Task	Resolved	Normal	Change node name for all BBPM15 devices	John Diamond	08/28/2018 10:01 AM
20704	Task	Resolved	Normal	Change node name for all BBPM18 devices	John Diamond	08/28/2018 08:05 PM
20694	Task	Resolved	Normal	Change node name for all BBPM21 devices	John Diamond	08/28/2018 12:11 PM

#	Tracker	Status	Priority	Subject	Assignee	Updated
20705	Task	Resolved	Normal	Change node name for all BBPM24 devices	John Diamond	08/28/2018 09:29 PM
18151	Task	Work in progress	Normal	Configure BPMs for test stand at Booster location 21	John Diamond	11/08/2017 01:41 PM
20473	Bug	Resolved	Normal	Control message queue is not destroyed on shutdown	John Diamond	07/28/2018 08:27 PM
19608	Task	Work in progress	Normal	Crate status and control device	Elliott McCrory	10/17/2018 10:57 AM
17974	Task	Resolved	Normal	Create ACNET devices for B38 and B40	John Diamond	11/10/2017 02:54 PM
20483	Task	Resolved	Normal	Create separate "stable" branches for Booster and IOTA BPMs	John Diamond	07/30/2018 03:21 PM
20355	Milestone	New	Normal	Deploy IOTA BPM hardware		08/22/2018 09:28 PM
18009	Task	Resolved	Normal	Driver for Booster BPM transition board	John Diamond	10/23/2017 03:57 PM
20474	Task	Resolved	Normal	Enter BPMs into bpmd.conf	John Diamond	07/28/2018 07:52 AM
20437	Task	Assigned	Normal	Functional specification document	John Diamond	07/24/2018 04:14 PM
20541	Task	Work in progress	Normal	Gather crate and CPU MAC addresses for ethernet connections	John Diamond	08/06/2018 11:49 AM
18149	Task	Resolved	Normal	Implement Booster BPM scaling	John Diamond	11/08/2017 04:46 PM
18324	Task	Resolved	Normal	Implement polynomial scaling	John Diamond	11/17/2017 02:40 PM
17998	Milestone	New	Normal	Improvements to bpmcli	John Diamond	11/07/2017 09:25 AM
22550	Milestone	New	Normal	Interactive bpmcli	John Diamond	05/08/2019 02:55 PM
19607	Milestone	New	Normal	IOTA ACNET Interface		10/17/2018 10:57 AM
20350	Milestone	New	Normal	IOTA BPM deployment		10/17/2018 10:57 AM
20520	Task	Assigned	Normal	IOTA BPM TBT Array Device	Elliott McCrory	10/16/2018 11:16 AM
20377	Task	Resolved	Normal	IOTA State Machine	John Diamond	08/22/2018 09:30 PM
22498	Milestone	New	Normal	IPC to broadcast events from bpmd	John Diamond	05/08/2019 02:53 PM
17844	Task	Resolved	Normal	Locking mechanism for shared memory objects	John Diamond	10/10/2017 01:40 PM
22549	Task	New	Normal	Merge iota_stable, booster_stable	John Diamond	05/08/2019 02:53 PM
24143	Bug	New	Normal	Missing Mutual Exclusion with linked list internals	Robert Santucci	03/06/2020 11:47 AM
18055	Task	Resolved	Normal	No beam threshold	John Diamond	10/29/2017 09:58 AM
20664	Task	Work in progress	Normal	Orbit structure device for IOTA BPMs	Elliott McCrory	10/17/2018 10:53 AM
22493	Milestone	New	Normal	PIP2IT BPM Project		12/10/2019 08:00 AM
22497	Task	New	Normal	Position calculation thread	Elliott McCrory	05/08/2019 02:52 PM
22500	Milestone	New	Normal	Python API for accessing BPM data	Elliott McCrory	05/08/2019 02:51 PM
18044	Task	Resolved	Normal	Refactor bpmcli 'abort' command to be a CLICommand	John Diamond	10/30/2017 03:21 PM
18045	Task	Resolved	Normal	Refactor bpmcli 'arm' command to be a CLICommand	John Diamond	10/30/2017 09:51 AM
18046	Task	New	Normal	Refactor bpmcli 'dump_flash_history' command to be a CLICommand		10/26/2017 04:23 PM
18047	Task	New	Normal	Refactor bpmcli 'help' command to be a CLICommand		10/26/2017 04:24 PM
18048	Task	Resolved	Normal	Refactor bpmcli 'readout' command to be a CLICommand	John Diamond	10/30/2017 02:03 PM

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18049	Task	Resolved	Normal	Refactor bpmcli 'show' command to be a CLICommand	John Diamond	11/07/2017 09:25 AM
18050	Task	Resolved	Normal	Refactor bpmcli 'shutdown' command to be a CLICommand	John Diamond	10/30/2017 03:05 PM
22495	Task	New	Normal	Refactor to store positions inside of Readings	Elliott McCrory	05/08/2019 02:52 PM
17999	Task	Resolved	Normal	Refactor to use getopt	John Diamond	10/26/2017 04:22 PM
20358	Task	Resolved	Normal	Request ACNET node assignment	John Diamond	07/31/2018 11:32 AM
20650	Task	Work in progress	Normal	Request ACNET node assignment for BBPL12	John Diamond	08/21/2018 08:22 AM
20649	Task	Work in progress	Normal	Request ACNET node assignment for BBPL15	John Diamond	08/21/2018 08:22 AM
20651	Task	Work in progress	Normal	Request ACNET node assignment for BBPL18	John Diamond	08/21/2018 08:22 AM
20652	Task	Work in progress	Normal	Request ACNET node assignment for BBPL24	John Diamond	08/21/2018 08:22 AM
20555	Task	Assigned	Normal	Request ethernet connection for bbpl12 and bbpl12-crate	John Diamond	08/07/2018 06:17 PM
20543	Task	Assigned	Normal	Request ethernet connection for bbpl15 and bbpl15-crate	John Diamond	08/07/2018 06:13 PM
20556	Task	Assigned	Normal	Request ethernet connection for bbpl18 and bbpl18-create	John Diamond	08/07/2018 06:25 PM
20557	Task	Assigned	Normal	Request ethernet connection for bbpl24 and bbpl24-crate	John Diamond	08/07/2018 06:35 PM
20356	Task	Resolved	Normal	Request ethernet connection for crate and CPU	John Diamond	08/22/2018 09:28 PM
23334	Bug	New	Normal	Review request [commit:9d6fb8c32be2b760ee703095242308551c178991: Removed commented syslog(..) calls that where replaced with TRACE.]		09/25/2019 03:06 PM
22555	Milestone	New	Normal	RMS analysis process	Elliott McCrory	05/08/2019 02:54 PM
20663	Task	Work in progress	Normal	Separate IOTA ACNET code from BoosterBPMACNET.C and BoosterCrateACNET.C	John Diamond	10/17/2018 10:59 AM
21696	Feature	Assigned	Normal	Snapshot plot support for Booster BPMs	Elliott McCrory	01/15/2019 12:53 PM
20352	Task	Resolved	Normal	Startup despite missing timing module	John Diamond	09/07/2018 09:19 AM
18000	Task	Resolved	Normal	Support BPM lists in dump commands	John Diamond	10/26/2017 04:19 PM
22551	Feature	New	Normal	Support displaying bpmd broadcasts	John Diamond	05/08/2019 02:55 PM
22552	Feature	New	Normal	Support displaying data in gnuplot	John Diamond	05/08/2019 02:55 PM
18037	Feature	Resolved	Normal	Support flagging that data could not be read when a DAQ module is missing/failed	John Diamond	10/29/2017 09:47 AM
20351	Feature	Resolved	Normal	Support for 4-channel 2-dimensional BPMs	John Diamond	08/22/2018 08:48 PM
22554	Milestone	New	Normal	Support for Analysis Processes	Elliott McCrory	05/08/2019 02:54 PM
17776	Feature	New	Normal	Support for DMA transfers from DAQ modules	John Diamond	09/26/2017 11:17 AM
17771	Feature	Work in progress	Normal	Support for flash-turn and flash-orbit measurements	John Diamond	10/06/2017 01:02 PM
18435	Milestone	New	Normal	Support for GigE ADCs		11/30/2017 09:35 AM
22553	Milestone	New	Normal	Support for I&Q, phase space data in Reading buffers	Duane C. Voy	05/08/2019 02:54 PM
22499	Milestone	New	Normal	Support GigE readout	Duane C. Voy	05/08/2019 02:51 PM
20665	Task	New	Normal	Support multiple sets of coefficients for 2-D fits		08/22/2018 08:51 PM
22556	Milestone	New	Normal	Support rack-mount server architecture		06/14/2019 02:11 PM

#	Tracker	Status	Priority	Subject	Assignee	Updated
20666	Task	New	Normal	TCLK-driven arm and TBT readout for IOTA		08/22/2018 09:33 PM
17975	Task	Work in progress	Normal	Test B38 and B40	John Diamond	10/20/2017 01:58 PM
20450	Bug	New	Normal	The number of samples argument to bpmcli dump does not respect multiple bunches		07/25/2018 03:47 PM
24146	Task	New	Low	TRACE buffer levels need to be in enumeration	Robert Santucci	03/06/2020 02:09 PM
17755	Task	Work in progress	Normal	Verify DAQ operation with at least 4 modules	John Diamond	09/21/2017 10:54 AM
18197	Bug	New	Normal	Why do soft reboots sometime hang?		11/10/2017 10:14 AM
18436	Task	Work in progress	Normal	x86 support for Technobox XMC GigE adapter	John Diamond	11/30/2017 09:41 AM