## adinstbpm - List With Due Date

| # | Tracker | Status | Due date | Priority | Subject | Assignee | Updated |
|---|---|---|---|---|---|---|---|
| 24146 | Task | New | | Low | TRACE buffer levels need to be in enumeration | Robert Santucci | 03/06/2020 02:09 PM |
| 24143 | Bug | New | | Normal | Missing Mutual Exclusion with linked list internals | Robert Santucci | 03/06/2020 11:47 AM |
| 22493 | Milestone | New | | Normal | PIP2IT BPM Project | | 12/10/2019 08:00 AM |
| 23334 | Bug | New | | Normal | Review request [commit:9d6fb8c32be2b760ee703095242308551c178991: Removed commented syslog(..) calls that where replaced with TRACE.] | | 09/25/2019 03:06 PM |
| 22556 | Milestone | New | | Normal | Support rack-mount server architecture | | 06/14/2019 02:11 PM |
| 22552 | Feature | New | | Normal | Support displaying data in gnuplot | John Diamond | 05/08/2019 02:55 PM |
| 22551 | Feature | New | | Normal | Support displaying bpmd broadcasts | John Diamond | 05/08/2019 02:55 PM |
| 22550 | Milestone | New | | Normal | Interactive bpmcli | John Diamond | 05/08/2019 02:55 PM |
| 22553 | Milestone | New | | Normal | Support for I&Q, phase space data in Reading buffers | Duane C. Voy | 05/08/2019 02:54 PM |
| 22555 | Milestone | New | | Normal | RMS analysis process | Elliott McCrory | 05/08/2019 02:54 PM |
| 22554 | Milestone | New | | Normal | Support for Analysis Processes | Elliott McCrory | 05/08/2019 02:54 PM |
| 22549 | Task | New | | Normal | Merge iota_stable, booster_stable | John Diamond | 05/08/2019 02:53 PM |
| 22498 | Milestone | New | | Normal | IPC to broadcast events from bpmd | John Diamond | 05/08/2019 02:53 PM |
| 22497 | Task | New | | Normal | Position calculation thread | Elliott McCrory | 05/08/2019 02:52 PM |
| 22495 | Task | New | | Normal | Refactor to store positions inside of Readings | 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 |
| 22499 | Milestone | New | | Normal | Support GigE readout | Duane C. Voy | 05/08/2019 02:51 PM |
| 21696 | Feature | Assigned | | Normal | Snapshot plot support for Booster BPMs | Elliott McCrory | 01/15/2019 12:53 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 |
| 20350 | Milestone | New | | Normal | IOTA BPM deployment | | 10/17/2018 10:57 AM |
| 19607 | Milestone | New | | Normal | IOTA ACNET Interface | | 10/17/2018 10:57 AM |
| 19608 | Task | Work in progress | | Normal | Crate status and control device | Elliott McCrory | 10/17/2018 10:57 AM |
| 20664 | Task | Work in progress | | Normal | Orbit structure device for IOTA BPMs | Elliott McCrory | 10/17/2018 10:53 AM |
| 20520 | Task | Assigned | | Normal | IOTA BPM TBT Array Device | Elliott McCrory | 10/16/2018 11:16 AM |
| 20352 | Task | Resolved | | Normal | Startup despite missing timing module | John Diamond | 09/07/2018 09:19 AM |
| 20522 | Task | Assigned | | Normal | ACNET device for Arming IOTA BPMs | Elliott McCrory | 08/31/2018 01:55 PM |
| 20540 | Milestone | New | | Normal | Booster BPM deployment | John Diamond | 08/28/2018 09:29 PM |
| 20705 | Task | Resolved | | Normal | Change node name for all BBPM24 devices | John Diamond | 08/28/2018 09:29 PM |
| 20704 | Task | Resolved | | Normal | Change node name for all BBPM18 devices | John Diamond | 08/28/2018 08:05 PM |
| 20703 | Task | Resolved | | Normal | Change node name for all BBPM12 devices | John Diamond | 08/28/2018 06:37 PM |
| 20694 | Task | Resolved | | Normal | Change node name for all BBPM21 devices | John Diamond | 08/28/2018 12:11 PM |

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|---|---|---|---|---|---|---|---|
| 20693 | Task | Resolved | | Normal | Change node name for all BBPM06 devices | John Diamond | 08/28/2018 10:02 AM |
| 20683 | Task | Resolved | | Normal | Change node name for all BBPM15  devices | John Diamond | 08/28/2018 10:01 AM |
| 20682 | Task | New | | Normal | bpmd.config for BBPL15 | | 08/26/2018 02:41 PM |
| 20681 | Task | New | | Normal | bpmd.conf for BBPL15 | | 08/26/2018 02:41 PM |
| 20666 | Task | New | | Normal | TCLK-driven arm and TBT readout for IOTA | | 08/22/2018 09:33 PM |
| 20377 | Task | Resolved | | Normal | IOTA State Machine | John Diamond | 08/22/2018 09:30 PM |
| 20355 | Milestone | New | | Normal | Deploy IOTA BPM hardware | | 08/22/2018 09:28 PM |
| 20356 | Task | Resolved | | Normal | Request ethernet connection for crate and CPU | John Diamond | 08/22/2018 09:28 PM |
| 20665 | Task | New | | Normal | Support multiple sets of coefficients for 2-D fits | | 08/22/2018 08:51 PM |
| 20351 | Feature | Resolved | | Normal | Support for 4-channel 2-dimensional BPMs | John Diamond | 08/22/2018 08:48 PM |
| 20652 | Task | Work in progress | | Normal | Request ACNET node assignment for BBPL24 | 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 |
| 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 |
| 20557 | Task | Assigned | | Normal | Request ethernet connection for bbpl24 and bbpl24-crate | John Diamond | 08/07/2018 06:35 PM |
| 20556 | Task | Assigned | | Normal | Request ethernet connection for bbpl18 and bbpl18-create | John Diamond | 08/07/2018 06:25 PM |
| 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 |
| 20551 | Task | New | | Normal | BPM-level delay configuration | | 08/07/2018 02:38 PM |
| 20541 | Task | Work in progress | | Normal | Gather crate and CPU MAC addresses for ethernet connections | John Diamond | 08/06/2018 11:49 AM |
| 20358 | Task | Resolved | | Normal | Request ACNET node assignment | John Diamond | 07/31/2018 11:32 AM |
| 20483 | Task | Resolved | | Normal | Create separate "stable" branches for Booster and IOTA BPMs | John Diamond | 07/30/2018 03:21 PM |
| 20473 | Bug | Resolved | | Normal | Control message queue is not destroyed on shutdown | John Diamond | 07/28/2018 08:27 PM |
| 20474 | Task | Resolved | | Normal | Enter BPMs into bpmd.conf | John Diamond | 07/28/2018 07:52 AM |
| 20354 | Task | Resolved | | Normal | Adapter for IOTA DAQ module | John Diamond | 07/26/2018 11:36 AM |
| 20450 | Bug | New | | Normal | The number of samples argument to bpmcli dump does not respect multiple bunches | | 07/25/2018 03:47 PM |
| 20437 | Task | Assigned | | Normal | Functional specification document | John Diamond | 07/24/2018 04:14 PM |
| 20353 | Task | Work in progress | | Normal | Adapter for NML timing module | John Diamond | 07/20/2018 09:33 AM |
| 20038 | Task | Assigned | | Normal | ACNET interface for adjusting TSG and ADC channel delays | Elliott McCrory | 05/29/2018 03:04 PM |
| 19850 | Milestone | New | | Normal | BPM Diagnostics Application | | 05/02/2018 09:28 AM |
| 17719 | Milestone | New | | Normal | Booster operational test of one crate alongside existing BPM system | | 12/29/2017 11:08 AM |
| 18636 | Feature | Assigned | | Normal | bpmcli command to reload bpmd.conf | John Diamond | 12/29/2017 11:08 AM |
| 18436 | Task | Work in progress | | Normal | x86 support for Technobox XMC GigE adapter | John Diamond | 11/30/2017 09:41 AM |

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|---|---|---|---|---|---|---|---|
| 18435 | Milestone | New | | Normal | Support for GigE ADCs | | 11/30/2017 09:35 AM |
| 18324 | Task | Resolved | | Normal | Implement polynomial scaling | John Diamond | 11/17/2017 02:40 PM |
| 17720 | Task | Work in progress | | Normal | Booster BPM ACNET Interface | John Diamond | 11/14/2017 04:07 PM |
| 17734 | Task | Work in progress | | Normal | ACNET device BPM Orbit Correction Device (0x0022) | John Diamond | 11/14/2017 04:07 PM |
| 17974 | Task | Resolved | | Normal | Create ACNET devices for B38 and B40 | John Diamond | 11/10/2017 02:54 PM |
| 18197 | Bug | New | | Normal | Why do soft reboots sometime hang? | | 11/10/2017 10:14 AM |
| 17721 | Task | Work in progress | | Normal | ACNET device BPM Numbers (0x0017) | John Diamond | 11/10/2017 08:54 AM |
| 17935 | Task | Work in progress | | Normal | Booster BPM State Machine | John Diamond | 11/09/2017 03:09 PM |
| 18132 | Task | Work in progress | | Normal | bpmcli commands for enabling/disabling state machine | John Diamond | 11/09/2017 03:09 PM |
| 18149 | Task | Resolved | | Normal | Implement Booster BPM scaling | John Diamond | 11/08/2017 04:46 PM |
| 18151 | Task | Work in progress | | Normal | Configure BPMs for test stand at Booster location 21 | John Diamond | 11/08/2017 01:41 PM |
| 17998 | Milestone | New | | Normal | Improvements to bpmcli | John Diamond | 11/07/2017 09:25 AM |
| 18049 | Task | Resolved | | Normal | Refactor bpmcli 'show' command to be a CLICommand | John Diamond | 11/07/2017 09:25 AM |
| 18044 | Task | Resolved | | Normal | Refactor bpmcli 'abort' command to be a CLICommand | John Diamond | 10/30/2017 03:21 PM |
| 18050 | Task | Resolved | | Normal | Refactor bpmcli 'shutdown' command to be a CLICommand | John Diamond | 10/30/2017 03:05 PM |
| 18048 | Task | Resolved | | Normal | Refactor bpmcli 'readout' command to be a CLICommand | John Diamond | 10/30/2017 02:03 PM |
| 18045 | Task | Resolved | | Normal | Refactor bpmcli 'arm' command to be a CLICommand | John Diamond | 10/30/2017 09:51 AM |
| 18055 | Task | Resolved | | Normal | No beam threshold | John Diamond | 10/29/2017 09:58 AM |
| 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 |
| 18047 | Task | New | | Normal | Refactor bpmcli 'help' command to be a CLICommand | | 10/26/2017 04:24 PM |
| 18046 | Task | New | | Normal | Refactor bpmcli 'dump_flash_history' command to be a CLICommand | | 10/26/2017 04:23 PM |
| 17999 | Task | Resolved | | Normal | Refactor to use getopt | John Diamond | 10/26/2017 04:22 PM |
| 18000 | Task | Resolved | | Normal | Support BPM lists in dump commands | John Diamond | 10/26/2017 04:19 PM |
| 18009 | Task | Resolved | | Normal | Driver for Booster BPM transition board | John Diamond | 10/23/2017 03:57 PM |
| 17975 | Task | Work in progress | | Normal | Test B38 and B40 | John Diamond | 10/20/2017 01:58 PM |
| 17737 | Task | Work in progress | | Normal | bpmd error facility | John Diamond | 10/20/2017 01:56 PM |
| 17730 | Task | Work in progress | | Normal | ACNET device BPM Orbit Group (0x001e) | John Diamond | 10/19/2017 03:18 PM |
| 17729 | Task | Work in progress | | Normal | ACNET device BPM Average Position (Snapshot) Orbit (0x0014) | John Diamond | 10/19/2017 02:53 PM |
| 17724 | Task | Work in progress | | Normal | ACNET device BPM Turn-by-Turn Scaled Positon | John Diamond | 10/19/2017 02:40 PM |
| 17723 | Task | Resolved | | Normal | ACNET device BPM Digitizer Raw Data (0x0013) | John Diamond | 10/18/2017 08:18 PM |
| 17722 | Task | Resolved | | Normal | ACNET device BPM Offsets (0x0016) | John Diamond | 10/18/2017 08:17 PM |
| 17731 | Task | Resolved | | Normal | ACNET device BPM Closed Orbit Circular Buffer (0x0010) | John Diamond | 10/18/2017 08:14 PM |
| 17726 | Task | Resolved | | Normal | ACNET device BPM Single Turn Scaled Position Buffer (0x0020) | John Diamond | 10/18/2017 08:12 PM |

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|---|---|---|---|---|---|---|---|
| 17725 | Task | Resolved | | Normal | ACNET device BPM Single Turn Scaled Position (0x001f) | 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 |
| 17844 | Task | Resolved | | Normal | Locking mechanism for shared memory objects | John Diamond | 10/10/2017 01:40 PM |
| 17771 | Feature | Work in progress | | Normal | Support for flash-turn and flash-orbit measurements | John Diamond | 10/06/2017 01:02 PM |
| 17776 | Feature | New | | Normal | Support for DMA transfers from DAQ modules | John Diamond | 09/26/2017 11:17 AM |
| 17755 | Task | Work in progress | | Normal | Verify DAQ operation with at least 4 modules | John Diamond | 09/21/2017 10:54 AM |