

## Issues

| #     | Project   | Tracker   | Status           | Priority | Subject   | Assignee         | Updated             |
|-------|---|-----------|------------------|----------|---|------------------|---------------------|
| 5022  | NOvA Online Monitoring                              | Bug       | New              | Low      | 1D comparison histos are being drawn with error bars  |                  | 12/01/2013 07:29 PM |
| 9388  | VME Intensity Monitor                               | Milestone | New              | Normal   | 2015 Shutdown   |                  | 09/04/2018 01:03 PM |
| 11758 | VME Intensity Monitor                               | Support   | Work in progress | Normal   | 201602A Document ATR  | Roger Tokarek    | 08/03/2016 10:36 AM |
| 11729 | VME Intensity Monitor                               | Feature   | Work in progress | High     | 201602A Replace Latch with ATR  | Elliott McCrory  | 10/13/2016 02:27 PM |
| 22814 | Runs  | Task      | New              | Normal   | 2.6 cavity with qubit (TTS1AES001)  |                  | 07/30/2019 04:59 PM |
| 22809 | Runs  | Task      | New              | Normal   | 2.6GHz cavity (w/o qubit, w/grease TTS1AES002)  |                  | 06/25/2019 12:09 PM |
| 8919  | Tape Operation                                      | Task      | Resolved         | Normal   | 2 device errors reported by enstore both cmsstor113   | Chih-Hao Huang   | 05/25/2015 10:09 PM |
| 8918  | Tape Operation                                      | Task      | Resolved         | Normal   | 3 device errors reported by encp - cmsstor145, cmsstor117 and cmsstor133                      | Chih-Hao Huang   | 05/25/2015 10:08 PM |
| 13648 | uBooNE Reconstruction                               | Task      | New              | Normal   | 3D shower direction reconstruction  |                  | 11/01/2016 02:22 PM |
| 4952  | MINOS DAQ Computers                                 | Milestone | Assigned         | Normal   | 3 new MINOS DAQ computers   | jason harrington | 02/10/2014 01:01 PM |
| 23276 | Facilities Integration                              | Support   | Work in progress | Normal   | 4 Year Investment Planning  | Josh Juneau      | 09/16/2019 12:42 PM |
| 13462 | Instrumentation Drivers                             | Bug       | New              | Normal   | 57 -97 errors on raw/triggered data channels > 6  |                  | 08/05/2016 03:14 PM |
| 22808 | Runs  | Task      | New              | Normal   | 5GHz, Cavity, (TE5RI01) + quantum amplifiers  |                  | 07/25/2019 11:56 AM |
| 12753 | Instrumentation Drivers                             | Bug       | Resolved         | Normal   | 80MHz board driver could be a little more forgiving of mistakes.                              | John Diamond     | 05/23/2016 02:38 PM |
| 13457 | Instrumentation Drivers                             | Bug       | Resolved         | Normal   | 80MHz digitizer driver should sanity check Nchannels setting                                  | Dennis Nicklaus  | 08/05/2016 03:03 PM |
| 13456 | Instrumentation Drivers                             | Bug       | Resolved         | Normal   | 80MHz Digitizer requires repeating commands for re-arming twice                               | Dennis Nicklaus  | 08/05/2016 03:10 PM |
| 20401 | drvgen  | Feature   | Assigned         | Normal   | A24 Data Regions Support  | John Diamond     | 07/23/2018 09:16 AM |
| 20400 | drvgen  | Feature   | Assigned         | Normal   | A24 Registers Support   | John Diamond     | 07/23/2018 09:16 AM |
| 13875 | GlideinWMS  | Feature   | New              | Normal   | Ability for facility service providers to add info to USER METADATA                           |                  | 10/04/2019 05:12 PM |
| 21592 | Elog  | Feature   | New              | Normal   | Ability to add comments to subsections of the same elog entry                                 |                  | 12/19/2018 12:46 PM |
| 5824  | Electronic Collaboration Logbook                    | Feature   | New              | Normal   | Ability to break shifts into pieces   |                  | 04/03/2014 02:59 PM |
| 11824 | Recycler Injecton Closure Application (PA4187, R52) | Feature   | New              | Normal   | Ability to close on each injection  |                  | 02/24/2016 03:09 PM |
| 11823 | Recycler Injecton Closure Application (PA4187, R52) | Feature   | New              | Low      | Ability to close to a closure offset  |                  | 02/24/2016 03:07 PM |
| 18864 | Electronic Collaboration Logbook                    | Idea      | New              | Low      | Ability to remove sticky tag from entry list  |                  | 01/31/2018 04:39 PM |
| 8163  | Scientific DB Applications                          | Feature   | New              | Normal   | Ability to sort by latest date which could be the date a comment was entered to an old entry. |                  | 03/24/2015 02:43 PM |

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| 7865  | JobSub   | Feature | New              | Normal   | Ability to source an arbitrary script prior to execution of primary executable             |                          | 05/17/2019 03:02 PM |
| 11529 | Recycler Orbit Smoothing Application (PA4196, R50) | Bug     | New              | Low      | Abort button does not dissappear   | Kyle Hazelwood           | 01/28/2016 10:54 AM |
| 21704 | Production Operations Management Service (POMS)    | Task    | Resolved         | Normal   | About Campaign Editor.   | Marc Mengel              | 08/22/2019 02:42 PM |
| 21703 | Production Operations Management Service (POMS)    | Task    | Resolved         | Normal   | About job submissions summary.   | Marc Mengel              | 06/05/2019 01:48 PM |
| 13216 | Electronic Collaboration Logbook                   | Idea    | New              | Normal   | about search in main page  |                          | 07/12/2016 11:43 AM |
| 7074  | Elog   | Idea    | Assigned         | Low      | Accelerator Status Update  | Kyle Hazelwood           | 11/30/2016 10:03 AM |
| 24091 | fhicl-cpp  | Feature | Under Discussion | Low      | Access attributes with dot operator with python fhicl module                               |                          | 03/02/2020 10:23 AM |
| 4291  | Simulation Pipeline                                | Bug     | New              | Urgent   | AccessDenied   | Laurenz Gamper           | 07/03/2013 09:49 AM |
| 1535  | NOvA DCM Application                               | Support | New              | Normal   | Access error status from FPGA  | Susan Kasahara           | 07/25/2011 12:05 PM |
| 11082 | ANNIE1-Assembly                                    | Task    | New              | Normal   | Access Platform: construction and installation   |                          | 04/06/2016 11:11 PM |
| 21817 | gallery  | Feature | Assigned         | Normal   | Access to SubRun products in gallery   | Kyle Knoepfel            | 02/07/2019 02:54 PM |
| 15827 | Boss-O-Schedule                                    | Bug     | New              | Normal   | Accidently hitting save more than once on operator database edit dialog duplicates entries |                          | 03/10/2017 11:12 AM |
| 359   | Aged Password Detector                             | Bug     | New              | Normal   | Accommodate new Password_overdue view  |                          | 03/15/2010 01:24 PM |
| 2441  | GlideinWMS   | Bug     | New              | Normal   | Accounting issues for new glidein types  | Dennis Box               | 10/18/2016 03:32 PM |
| 24578 | llrf-HWR-fe-software                               | Task    | Work in progress | High     | ACNET Connection   | Shrividhyaa Sankar Raman | 08/14/2020 12:32 PM |
| 23421 | Web App Framework                                  | Bug     | New              | Normal   | ACNET Connection Retries are too Aggressive  | Beau Harrison            | 10/14/2019 02:10 PM |
| 24739 | PIP II IT SSR1                                     | Feature | Work in progress | Normal   | ACNET Control for SSR1   | Shrividhyaa Sankar Raman | 09/16/2020 03:10 PM |
| 17729 | adinstbpm  | Task    | Work in progress | Normal   | ACNET device BPM Average Position (Snapshot) Orbit (0x0014)                                | John Diamond             | 10/19/2017 02:53 PM |
| 17731 | adinstbpm  | Task    | Resolved         | Normal   | ACNET device BPM Closed Orbit Circular Buffer (0x0010)                                     | John Diamond             | 10/18/2017 08:14 PM |
| 17723 | adinstbpm  | Task    | Resolved         | Normal   | ACNET device BPM Digitizer Raw Data (0x0013)   | John Diamond             | 10/18/2017 08:18 PM |
| 17721 | adinstbpm  | Task    | Work in progress | Normal   | ACNET device BPM Numbers (0x0017)  | John Diamond             | 11/10/2017 08:54 AM |
| 17722 | adinstbpm  | Task    | Resolved         | Normal   | ACNET device BPM Offsets (0x0016)  | John Diamond             | 10/18/2017 08:17 PM |
| 17734 | adinstbpm  | Task    | Work in progress | Normal   | ACNET device BPM Orbit Correction Device (0x0022)  | John Diamond             | 11/14/2017 04:07 PM |
| 17730 | adinstbpm  | Task    | Work in progress | Normal   | ACNET device BPM Orbit Group (0x001e)  | John Diamond             | 10/19/2017 03:18 PM |
| 17725 | adinstbpm  | Task    | Resolved         | Normal   | ACNET device BPM Single Turn Scaled Position (0x001f)                                      | John Diamond             | 10/18/2017 08:12 PM |

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| 17726 | adinstbpm                                       | Task      | Resolved         | Normal   | ACNET device BPM Single Turn Scaled Position Buffer (0x0020)                                    | John Diamond       | 10/18/2017 08:12 PM |
| 17727 | adinstbpm                                       | Task      | Resolved         | Normal   | ACNET device BPM Turn-by-Turn Extra Inputs  | John Diamond       | 10/18/2017 07:45 PM |
| 17724 | adinstbpm                                       | Task      | Work in progress | Normal   | ACNET device BPM Turn-by-Turn Scaled Positon  | John Diamond       | 10/19/2017 02:40 PM |
| 20522 | adinstbpm                                       | Task      | Assigned         | Normal   | ACNET device for Arming IOTA BPMs   | Elliott McCrory    | 08/31/2018 01:55 PM |
| 10975 | VME Intensity Monitor                           | Task      | Work in progress | Normal   | Acnet Device Set Toroid ADC Registers S60, MI10, MI14, MI30                                     | Roger Tokarek      | 08/03/2016 10:16 AM |
| 17344 | VME Intensity Monitor                           | Task      | Assigned         | Normal   | ACNET devices for new scrapers at PIP2IT  | John Diamond       | 08/03/2017 01:52 PM |
| 12768 | rbpm  | Task      | Assigned         | Normal   | ACNET devices for ubpm23 BPMs   | John Diamond       | 06/02/2016 01:09 PM |
| 13572 | VME Intensity Monitor                           | Feature   | Assigned         | Normal   | ACNET device support for new MPS features in ABB0F firmware                                     | John Diamond       | 10/25/2016 03:12 PM |
| 23602 | ACNET Service                                   | Feature   | New              | Normal   | ACNETD Local Config for Nodes   | Beau Harrison      | 11/14/2019 11:24 AM |
| 20038 | adinstbpm                                       | Task      | Assigned         | Normal   | ACNET interface for adjusting TSG and ADC channel delays  | Elliott McCrory    | 05/29/2018 03:04 PM |
| 12390 | Instrumentation Drivers                         | Feature   | Assigned         | Normal   | ACNET interface for CMTFInterlocksADC   | John Diamond       | 04/26/2016 07:50 PM |
| 10946 | VME Intensity Monitor                           | Task      | Resolved         | Normal   | ACNET settings for ADC parameters   | John Diamond       | 11/23/2015 11:34 AM |
| 16574 | VME BPM   | Task      | New              | Normal   | ACNET support for beam threshold  |                    | 05/17/2017 11:05 AM |
| 23262 | artdaq Utilities                                | Feature   | Reviewed         | Normal   | A convenience script could be provided in DAQInterface to tell users where their root files are | John Freeman       | 10/07/2019 02:43 PM |
| 4960  | MINERvA DAQ Computers                           | Milestone | Assigned         | Normal   | ACS access to light injection and VME controller  | Farhan Ahmed       | 11/18/2013 10:30 AM |
| 19091 | Production Operations Management Service (POMS) | Feature   | Resolved         | Normal   | Active flags to hide old launch templates, etc.   | Stephen White      | 09/10/2019 02:34 PM |
| 19574 | Production Operations Management Service (POMS) | Bug       | New              | Normal   | Active/inactive flakiness.  |                    | 04/05/2018 02:53 PM |
| 18056 | SBND code                                       | Bug       | Assigned         | High     | Active volume does not reach the cathode  | Gustavo Valdivieso | 10/27/2017 11:38 AM |
| 1927  | Budget Input                                    | Feature   | Resolved         | Normal   | Activity Short name for Kronos  | Penelope Constanta | 08/20/2012 11:39 AM |
| 812   | Budget Input                                    | Bug       | Resolved         | Normal   | Activity Short Name QA test fails   | Penelope Constanta | 03/30/2011 01:28 PM |
| 5852  | LBNERC  | Feature   | New              | Low      | Actually start/stop components via Web interface  | Erik Blaufuss      | 04/09/2014 08:56 AM |
| 20354 | adinstbpm                                       | Task      | Resolved         | Normal   | Adapter for IOTA DAQ module   | John Diamond       | 07/26/2018 11:36 AM |
| 20353 | adinstbpm                                       | Task      | Work in progress | Normal   | Adapter for NML timing module   | John Diamond       | 07/20/2018 09:33 AM |
| 9101  | inst-bpm  | Milestone | New              | Normal   | adc250x12xs VXS interface   | John Diamond       | 06/10/2015 02:35 PM |
| 24711 | llrf-hwr-2cavity-firmware                       | Bug       | New              | Normal   | ADC alignment on start up   | Philip Varghese    | 08/04/2020 04:59 PM |
| 13962 | VME Intensity Monitor                           | Task      | Assigned         | Normal   | ADC configuration commands for PXIE Toroids   | John Diamond       | 09/30/2016 10:23 AM |
| 24620 | PIP-II IT HWR                                   | Bug       | New              | Normal   | ADC's bitslip fail sometimes on reboot.   | Philip Varghese    | 07/10/2020 12:07 PM |

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| 13056 | Electronic Collaboration Logbook                | Feature | Resolved         | Low      | Add ability for admins to make entry "un-viewable"   | Margherita Vittone Wiersma | 01/29/2018 09:52 PM |
| 16902 | Off-the-Shelf DAQ                               | Idea    | New              | Low      | Add ability to diff two table versions   |                            | 06/19/2017 02:41 PM |
| 16928 | Off-the-Shelf DAQ                               | Idea    | New              | Normal   | Add ability to download Tree-view as JSON  |                            | 06/19/2017 03:32 PM |
| 7045  | uBooNE Utilities                                | Feature | New              | Normal   | Add ability to fetch and store log files in output area.   |                            | 07/07/2015 04:38 PM |
| 18201 | SAM Web services                                | Feature | New              | Normal   | Add ability to query on project status   |                            | 11/10/2017 01:57 PM |
| 21612 | Production Operations Management Service (POMS) | Feature | Resolved         | Normal   | Add abort submission button  |                            | 06/06/2019 03:33 PM |
| 22669 | Production Operations Management Service (POMS) | Task    | Resolved         | High     | Add a campaign_keywords JSON field to Campaigns  | Stephen White              | 08/01/2019 02:30 PM |
| 21053 | Production Operations Management Service (POMS) | Feature | Work in progress | Normal   | Add a Campain info page.   | Stephen White              | 11/26/2019 10:34 AM |
| 18175 | Machine Protection                              | Feature | Assigned         | Normal   | Add access to decimation register  | Richard Neswold            | 11/09/2017 11:17 AM |
| 22532 | artdaq  | Feature | Resolved         | Normal   | Add acknowledgements to Request protocol   | Eric Flumerfelt            | 06/25/2019 04:02 PM |
| 24327 | JobSub  | Feature | Resolved         | Normal   | add a classadd attribute for input tarball to measure RCDS vs PNFS   | Dennis Box                 | 04/21/2020 11:23 AM |
| 3389  | GlideinWMS                                      | Idea    | New              | Normal   | Add a Collector for glidein monitoring to the factory  |                            | 08/31/2020 04:25 AM |
| 1638  | NOvA Global Trigger                             | Feature | Resolved         | Normal   | Add a communications channel so a manual trigger can be given remotely   | Alec Habig                 | 11/12/2013 12:27 PM |
| 12602 | LArSoft   | Feature | Accepted         | Low      | Add a compact representation for the plane ID, TPC ID and cryostat ID  |                            | 11/16/2017 01:47 PM |
| 19214 | GlideinWMS                                      | Feature | New              | Normal   | Add a configurable limit to the rate of jobs running and fail the glidein if the rate is passed                            |                            | 09/17/2020 02:18 PM |
| 3012  | artg4   | Feature | Assigned         | Normal   | Add a constructor for DetectorBase to take just the parameter set  | Adam Lyon                  | 10/14/2012 11:54 AM |
| 3229  | GlideinWMS                                      | Feature | Assigned         | Low      | Add actual idle totals to FE monitoring  | Marco Mambelli             | 10/28/2013 02:30 PM |
| 11464 | Protocol Compiler                               | Feature | New              | Normal   | Add a date type  |                            | 01/21/2016 02:22 PM |
| 24564 | JobSub  | Feature | New              | Normal   | Add additional condor requirements to check the fifeuser[1-4] CVMFS repositories if --use_cvmfs_dropbox option is supplied |                            | 06/25/2020 12:25 PM |
| 22701 | artdaq  | Support | Resolved         | Normal   | Add additional unit tests for RequestMessage.hh  | Eric Flumerfelt            | 11/08/2019 01:20 PM |
| 22609 | Production Operations Management Service (POMS) | Feature | New              | Normal   | Add a "description" field to JobTypes, display on menus to select JobType.   |                            | 08/29/2019 03:00 PM |
| 23085 | project-py                                      | Feature | Assigned         | Normal   | Add a feature to handle recovery submissions   | Yuyi Guo                   | 08/08/2019 12:46 PM |
| 3364  | GlideinWMS                                      | Feature | New              | Low      | add a filter to the factoryStatusNow webpage   | Burt Holzman               | 04/29/2013 01:19 PM |
| 13102 | Electronic Collaboration Logbook                | Feature | Resolved         | Low      | Add a list of admins on side panel   | Margherita Vittone Wiersma | 01/29/2018 09:50 PM |
| 10580 | Vulcan  | Task    | Resolved         | Normal   | Add all USDC as CMS users (so that they have EOS mappings, LPC login, etc)   | Chih-Hao Huang             | 12/09/2015 11:35 AM |
| 24826 | GlideinWMS                                      | Feature | New              | Normal   | Add a mechanism to run custom scripts at the end of the Glidein execution  |                            | 08/19/2020 11:49 PM |

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| 16872 | Continuous Integration (CI)                     | Feature | New              | Normal   | Add a message facility to print CI messages   |                            | 07/25/2019 08:07 PM |
| 17756 | MOOC Framework                                  | Support | New              | Normal   | Add a MOOC mutex for serializing internals  |                            | 11/15/2018 09:48 AM |
| 7432  | SAM Web services                                | Feature | Assigned         | Normal   | Add analyzed files query to browser.  | Michael Gheith             | 07/10/2015 05:26 PM |
| 23136 | GlideinWMS                                      | Feature | New              | Normal   | Add an attribute to save the logging channel content in the Glidein stderr                      | Leonardo Lai               | 03/06/2020 11:09 AM |
| 12973 | art-workbook                                    | Feature | Assigned         | Normal   | Add an example of/explanation of associations to the workbook.                                  | Luke Simons                | 06/27/2016 11:31 AM |
| 19367 | Machine Protection                              | Feature | Assigned         | Normal   | Add another channel to PECL configuration   | Richard Neswold            | 03/13/2018 02:08 PM |
| 13072 | Elog  | Support | Feedback         | Low      | Add API Header Element for Browser Based Requests   |                            | 08/24/2018 01:27 PM |
| 16081 | Neutrino Division LArTPC Test Stands            | Task    | New              | Low      | Add a purity monitor at the PAB filters   | Kathrine Cipriano          | 04/04/2017 04:35 PM |
| 918   | art   | Idea    | Accepted         | Normal   | Add architecture-specific capture of call stack at time of construction of cet::exception.      |                            | 10/23/2017 12:12 PM |
| 17056 | art   | Feature | Assigned         | Normal   | Add art command line option -fpe to turn on floating point exceptions by default.               |                            | 12/03/2019 12:41 PM |
| 8124  | CAMAC   | Feature | Assigned         | Normal   | Add a setting property to the beamline C154 to reflect the position setting                     | Richard Neswold            | 05/03/2016 01:11 PM |
| 21811 | artdaq Utilities                                | Feature | Resolved         | Normal   | Add a subconfiguration which contains ToySimulators that behave badly by design                 | John Freeman               | 01/30/2019 05:15 PM |
| 23681 | Production Operations Management Service (POMS) | Task    | New              | Normal   | Add a test: a workflow with all the recovery types for testing                                  |                            | 12/02/2019 02:28 PM |
| 24936 | GlideinWMS                                      | Support | New              | Normal   | Add a tool to check python expressions in the frontend configuration for Python 3 compatibility |                            | 09/21/2020 04:16 PM |
| 3102  | GlideinWMS                                      | Feature | Feedback         | Normal   | Add a tool to create links to LSB standard locations for Condor tarball installs                | Burt Holzman               | 02/06/2014 08:38 AM |
| 20026 | Machine Protection                              | Feature | New              | Normal   | Add a trip condition to RPU system.   | Richard Neswold            | 05/25/2018 02:40 PM |
| 23053 | GlideinWMS                                      | Feature | New              | Normal   | Add attributes that are VO and site dependent   |                            | 09/17/2020 02:19 PM |
| 16400 | SAM Web services                                | Feature | Assigned         | Normal   | Add autodelegation feature  | Robert Illingworth         | 06/19/2019 05:52 PM |
| 19456 | Production Operations Management Service (POMS) | Feature | Under Discussion | Normal   | Add a way to clean out (or hide?) failed jobs/submissions from campaigns                        |                            | 03/21/2018 03:19 PM |
| 13632 | Electronic Collaboration Logbook                | Feature | Resolved         | Normal   | Add a weight factor to shifter to allow partial shifts to be accounted in quotas.               | Margherita Vittone Wiersma | 01/29/2018 09:57 PM |
| 11009 | CVMFS Support                                   | Support | New              | Normal   | Add AWS Security Token Support to CVMFS server S3 support                                       | Dave Dykstra               | 11/25/2015 03:00 PM |
| 6688  | LBNERC  | Feature | New              | Normal   | Add better error handling: Error state and recover transition                                   | Erik Blaufuss              | 07/27/2014 09:03 AM |
| 23614 | Fermi Redmine                                   | Feature | New              | Normal   | Add branch information to list of Activity and Revision   |                            | 11/15/2019 02:00 PM |
| 848   | NuConDB-client                                  | Feature | New              | Normal   | Add callbacks for monitoring state(?)   |                            | 01/13/2011 11:20 AM |
| 7063  | ds50daq   | Feature | Resolved         | Normal   | Add carriage returns to lines in the FCL files that are generated with manageXYZ -v             | Kurt Biery                 | 09/24/2014 10:24 AM |
| 7175  | CVMFS Support                                   | Support | New              | Normal   | Add catalog hash to "cvmfs_talk open catalogs" output   | Dave Dykstra               | 12/03/2015 09:49 AM |

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| 9870  | GUMS  | Bug     | New              | Normal   | Add check_mk sensor for gums-crit.fnal.gov web (results of the gen-pwd script!)          | Merina Albert              | 08/21/2015 03:51 PM |
| 24245 | GlideinWMS                                      | Feature | New              | Normal   | Add CI in github via actions   | Marco Mambelli             | 09/17/2020 02:17 PM |
| 20111 | AD Controls Department                          | Feature | Work in progress | Normal   | Add clock type to event specification  |                            | 06/07/2018 10:44 AM |
| 8955  | CMS dCache                                      | Task    | Resolved         | Normal   | Add cmsstor409 and cmsstor410 in dCache Disk Production following new enhanced procedure | Natalia Ratnikova          | 07/20/2015 01:39 PM |
| 6837  | ds50daq   | Feature | Resolved         | Normal   | Add command-line options to the control scripts to enable/disable V1724 boards           | Kurt Biery                 | 09/25/2014 08:36 AM |
| 18271 | SAM-MAIN  | Feature | New              | Normal   | Add command line version of makeProjectName  |                            | 11/14/2017 03:23 PM |
| 9843  | cet-is  | Feature | Assigned         | Normal   | Add components functionality to CPACK use in MRB and cetbuildtools                       | Lynn Garren                | 08/24/2015 11:33 AM |
| 16912 | Off-the-Shelf DAQ                               | Feature | New              | Normal   | Add config col type for fileContents   |                            | 06/19/2017 03:01 PM |
| 21700 | Production Operations Management Service (POMS) | Task    | New              | Normal   | Add confirm on various actions.  |                            | 02/16/2019 11:48 AM |
| 11463 | Protocol Compiler                               | Feature | New              | Normal   | Add constraints to the grammar   |                            | 01/22/2016 10:07 AM |
| 6840  | ds50daq   | Feature | Assigned         | Normal   | Add control of the inhibit time to manageSystemWithVeto.sh, etc.                         | Kurt Biery                 | 09/25/2014 08:37 AM |
| 18371 | GlideinWMS                                      | Feature | New              | Normal   | Add core counting in factoryEntryStatusNow   | Lorena Lobato Pardavila    | 10/04/2019 04:54 PM |
| 24975 | NuSimData                                       | Idea    | New              | Normal   | Add 'CoulombScat' to MCTrajectory  |                            | 09/16/2020 03:51 PM |
| 9731  | CVMFS Support                                   | Support | New              | Normal   | Add cvmfs_config option for probing repository revisions on all stratum 1s               | Dave Dykstra               | 05/04/2017 01:58 PM |
| 17271 | SAM Web services                                | Feature | New              | Normal   | Add database support for subrun ranges   |                            | 07/25/2017 03:06 PM |
| 7430  | SAM Web services                                | Feature | Assigned         | Normal   | Add data file queries to browser   | Michael Gheith             | 07/10/2015 05:26 PM |
| 24595 | dunetpc   | Task    | Assigned         | Normal   | Add dataprep for simulation reco   | Tingjun Yang               | 08/21/2020 07:24 AM |
| 22705 | Production Operations Management Service (POMS) | Feature | Resolved         | Normal   | Add dataset "splitter" that adds "with limit n"  | Marc Mengel                | 08/01/2019 01:34 PM |
| 1187  | Fermi Redmine                                   | Feature | New              | Normal   | Add default commit hook that makes sure username isn't p-whatever                        | Marc Mengel                | 04/12/2011 10:14 AM |
| 20876 | Off-the-Shelf DAQ                               | Idea    | New              | Normal   | Add Default, Min, Max fields in table editor   |                            | 09/18/2018 02:53 PM |
| 22531 | artdaq  | Feature | Assigned         | Normal   | Add destination parameter to DSM::sendFragment   |                            | 05/30/2019 02:49 PM |
| 6397  | DAQOperationsTools                              | Feature | Resolved         | Normal   | Add detection of missing spill server to watchDataDisk.sh                                | Peter Shanahan             | 09/02/2015 01:24 PM |
| 6996  | artdaq  | Feature | New              | Normal   | Add documentation for basic operation and common errors for SQA                          |                            | 01/13/2017 04:02 PM |
| 22764 | cetlib  | Support | Feedback         | Normal   | Add DYLD_FALLBACK_LIBRARY_PATH to search paths for libraries                             |                            | 06/24/2019 10:26 AM |
| 11191 | gm2planning                                     | Task    | Assigned         | Normal   | Add EDM to the guns  | Joseph Price               | 12/17/2015 11:53 PM |
| 2863  | TIssueV2  | Feature | New              | Low      | add email and json interface for detecting pending remediations                          | Lauri Carpenter            | 08/01/2012 09:51 AM |
| 10106 | Electronic Collaboration Logbook                | Feature | Resolved         | Low      | Add entry author's name in collapsed view  | Margherita Vittone Wiersma | 02/01/2016 04:50 PM |

| #     | Project   | Tracker               | Status   | Priority | Subject  | Assignee           | Updated             |
|-------|---|-----------------------|----------|----------|--|--------------------|---------------------|
| 14228 | Elog  | Feature               | Assigned | Normal   | Add entry to log   | Kyle Hazelwood     | 10/24/2016 10:27 AM |
| 20747 | artdaq  | Feature               | Resolved | Normal   | Add Event Building Time metric   | Eric Flumerfelt    | 09/05/2018 12:07 PM |
| 3060  | GlideinWMS                                      | Feature               | New      | Normal   | Add EVENT_LOG for forensics  | Burt Holzman       | 04/30/2013 08:28 AM |
| 22220 | artdaq  | Support               | Resolved | Normal   | Add Event number to TRACes in SharedMemoryReader   | Eric Flumerfelt    | 03/26/2019 08:58 AM |
| 20362 | artdaq  | Feature               | Assigned | Low      | Add external controlling functionality to InhibitMaster                                      | Wesley Ketchum     | 07/25/2018 01:59 PM |
| 19295 | GlideinWMS                                      | Support               | New      | High     | Add fermicloud121 and a Frontend to OSG ITB  | Marco Mambelli     | 09/17/2020 02:17 PM |
| 188   | Budget Input                                    | Bug                   | New      | Normal   | Add field to maintain Approved action timestamp  |                    | 09/08/2010 02:59 PM |
| 23847 | Production Operations Management Service (POMS) | Feature               | New      | Normal   | Add file stats (output files, delivered SAM, etc) to Submission Details                      |                    | 01/08/2020 11:03 AM |
| 6531  | SeaScape  | Bug                   | New      | Normal   | Add fixed elementIDs to the Detector page  |                    | 06/20/2014 01:18 PM |
| 22707 | Production Operations Management Service (POMS) | Feature               | New      | Normal   | Add flag (on JobTypes?) to support dependencies using project_id in metadata.                |                    | 08/01/2019 01:33 PM |
| 3186  | artdaq  | Feature               | Resolved | Normal   | Add fragment ID checking to some combination of RawEvent, EventStore, and builder.cc.        |                    | 12/18/2019 10:01 AM |
| 22656 | PlotUtils Management                            | Feature               | New      | Normal   | Add fStrict  |                    | 05/30/2019 07:51 AM |
| 7586  | artdaq  | Feature               | New      | Normal   | Add functionality and tools to artdaq for diagnosing and debugging DAQ hardware and firmware |                    | 01/27/2018 12:31 PM |
| 22896 | project-py                                      | Feature               | Resolved | Normal   | add functionality to prestage input SAM dataset before submitting jobs                       | Vito Di Benedetto  | 07/23/2019 05:26 PM |
| 19337 | VxWorks Kernels                                 | Feature               | New      | Normal   | Add function to download from product area   |                    | 01/15/2020 09:57 AM |
| 12846 | uBooNE DAQ                                      | Feature               | New      | Normal   | Add Ganglia slowmon timeout based on "TN" field in ganglia data                              | Glenn Horton-Smith | 06/03/2016 10:28 AM |
| 21292 | GlideinWMS                                      | Feature               | New      | Normal   | Add GCE termination command as suggested by Burt   | Marco Mambelli     | 09/17/2020 02:17 PM |
| 11710 | Protocol Compiler                               | Feature               | New      | Normal   | Add "generics".  |                    | 02/15/2016 10:04 AM |
| 17427 | LArSoft   | Task                  | Feedback | Normal   | Add geometry infrastructure for support of global wire coordinates                           | Tingjun Yang       | 08/03/2018 10:02 AM |
| 15733 | LArSoft   | Necessary Maintenance | Assigned | Normal   | Add geometry tests in the integration test   | Wesley Ketchum     | 03/06/2017 10:30 AM |
| 16296 | Summer Shutdown 2017                            | Feature               | New      | Normal   | Add heartbeat feature to spill server applications   | Justin Vasel       | 04/24/2017 09:40 AM |
| 2962  | GlideinWMS                                      | Feature               | New      | Normal   | Add held job count to factoryStatusNow page  | Parag Mhashilkar   | 06/24/2013 03:26 PM |
| 9799  | Monitoring check_mk                             | Feature               | New      | Normal   | Add host certificate monitoring  | Nicholas Peregonow | 09/25/2015 04:07 PM |
| 7216  | ds50daq   | Feature               | Resolved | Normal   | Add "hybrid" options to the veto-choice parameter in the SystemWithVeto scripts              | Kurt Biery         | 10/24/2014 03:17 PM |
| 19135 | cet-is  | Feature               | Feedback | Normal   | Add "important info" category to messagefacility   |                    | 03/05/2018 11:32 AM |
| 24109 | art   | Feature               | Assigned | Normal   | add include-what-you-use to clang build  | Christopher Green  | 03/09/2020 10:26 AM |
| 6903  | NOvA Data Quality                               | Feature               | Assigned | Normal   | Add info about how often plots are supposed to update.                                       | Nitin Yadav        | 09/05/2014 05:19 PM |
| 17151 | Off-the-Shelf DAQ                               | Bug                   | New      | Normal   | Adding a field in Chrome doesn't work in Table Editor  |                    | 07/11/2017 02:03 PM |

| #     | Project   | Tracker | Status           | Priority | Subject   | Assignee                 | Updated             |
|-------|---|---------|------------------|----------|---|--------------------------|---------------------|
| 6731  | SAM-MAIN  | Feature | New              | Normal   | Adding a University of Minnesota SAM location   |                          | 08/01/2014 11:47 AM |
| 5445  | Node Registration V2                            | Bug     | New              | Normal   | Adding downstream relationship to a cluster   | Michael Baker            | 02/14/2014 04:02 PM |
| 424   | Budget Input                                    | Bug     | Resolved         | Low      | Adding/Editing SWF Line Items - MacOS and Firefox   | Penelope Constanta       | 08/20/2012 12:59 PM |
| 2688  | GlideinWMS                                      | Idea    | New              | Low      | Adding interactive properties to the factory <-> frontend protocol  | Burt Holzman             | 04/29/2013 01:18 PM |
| 6965  | NOvA Data Quality                               | Feature | New              | Normal   | Adding missing DCMsync plots to website   | Nitin Yadav              | 09/10/2014 01:15 PM |
| 9649  | Vulcan  | Bug     | Resolved         | Normal   | adding new physics group does not set proper ownership  | Chih-Hao Huang           | 10/15/2015 11:55 AM |
| 19447 | Fermi Redmine                                   | Bug     | New              | Normal   | Adding new users to the redmine mu2e group is not working   |                          | 03/21/2018 05:36 PM |
| 24605 | Ilrf-HWR-fe-software                            | Task    | Resolved         | Normal   | Adding new waveform for Tuner Control Output  | Shrividhyaa Sankar Raman | 07/22/2020 11:09 AM |
| 18859 | nova_ci   | Feature | Feedback         | Normal   | Adding support for checking out svn branches  | Pengfei Ding             | 03/20/2018 08:01 PM |
| 2258  | GlideinWMS                                      | Feature | New              | Normal   | Adding support for shared_port_daemon for the collector   | Burt Holzman             | 04/30/2013 08:30 AM |
| 24231 | artdaq Utilities                                | Support | Resolved         | Normal   | Add init_fragment_count to bookkept parameters in DAQInterface  |                          | 03/29/2020 12:34 PM |
| 17891 | SAM Web services                                | Feature | Assigned         | Normal   | Add interface to lookup user info based on provided certificate subject/VOMS FQAN.  | Brandon White            | 11/06/2017 02:10 PM |
| 6108  | GENIE   | Feature | Assigned         | Normal   | Add interface to nusoft/nutools-art GENIEHelper class to allow setting the random # generators  | Robert Hatcher           | 05/22/2015 04:28 PM |
| 16974 | VxWorks Concurrency                             | Idea    | New              | Normal   | Add interrupt support to vwpp::Task interface   |                          | 06/22/2017 10:28 AM |
| 24919 | cet-is  | Feature | Under Discussion | Normal   | add in the RootOutput module a print statement for listing the names and the trigger bits of the paths specified in the SelecEvents field |                          | 09/14/2020 10:23 AM |
| 7839  | Erlang Front-end Framework                      | Feature | New              | Normal   | Add IOC support   |                          | 08/15/2018 02:57 PM |
| 6909  | SAM Metrics                                     | Feature | New              | Normal   | Additional Charts   |                          | 09/02/2014 02:46 PM |
| 10814 | JobSub  | Feature | New              | Normal   | Additional ifdh log information from jobsub_wrapper   | Dennis Box               | 01/09/2020 01:39 PM |
| 23117 | GlideinWMS                                      | Feature | Work in progress | Normal   | Additional logging channel  | Leonardo Lai             | 04/08/2020 11:43 AM |
| 23482 | artdaq Utilities                                | Feature | New              | Normal   | Additional robustness for picking run number  |                          | 11/06/2019 02:47 PM |
| 17984 | Hardware DB                                     | Task    | New              | Normal   | Additional tables for ICARUS  |                          | 10/20/2017 08:57 AM |
| 6473  | Geant4  | Support | Assigned         | Normal   | addition of NA49 p+H datasets   | Julia Yarba              | 12/11/2015 12:13 PM |
| 24882 | Ilrf-hwr-2cavity-labview                        | Feature | New              | Normal   | Addition of saved waveform options to LV  |                          | 08/28/2020 07:55 AM |
| 5599  | Fermi Redmine                                   | Feature | New              | Normal   | Add Jenkins integration with next redmine upgrade   |                          | 03/06/2014 10:09 AM |
| 124   | NIMI  | Feature | New              | Normal   | add kerberos principal to wf_persons data   |                          | 11/06/2009 12:27 PM |
| 3711  | Simulation Pipeline                             | Feature | Assigned         | Normal   | add key-value pair lists (dictionaries to API)  | Laurenz Gamper           | 06/18/2013 10:04 AM |
| 20611 | Protocol Compiler                               | Feature | New              | Normal   | Add Kotlin as a target language   | Richard Neswold          | 08/15/2018 10:48 AM |
| 24385 | Production Operations Management Service (POMS) | Bug     | New              | Normal   | Add LaunchFailed style checker to also look for things not updated by Landscape...  | Marc Mengel              | 05/07/2020 01:18 PM |



| #     | Project   | Tracker | Status           | Priority | Subject   | Assignee                   | Updated             |
|-------|---|---------|------------------|----------|---|----------------------------|---------------------|
| 3839  | Elog  | Feature | Assigned         | Normal   | Add linked entries.   | Kyle Hazelwood             | 11/30/2016 02:03 PM |
| 21299 | Fermi Redmine                                   | Feature | New              | Normal   | Add link for cloning to repository pages  |                            | 11/02/2018 01:13 PM |
| 24568 | ACNET Service                                   | Feature | New              | Normal   | Add local IP lookup to acnetd.  | Richard Neswold            | 06/26/2020 11:50 AM |
| 20010 | Production Operations Management Service (POMS) | Feature | New              | Normal   | Add lock/unlock action to a campaign  |                            | 05/22/2018 02:41 PM |
| 24139 | GlideinWMS                                      | Feature | New              | Normal   | Add LOG_RECIPIENTS_CLIENT to support log servers specification on the Frontend          |                            | 03/06/2020 10:43 AM |
| 9873  | GUMS  | Bug     | Resolved         | Normal   | Add logs for /usr/libexec/gums/pwdgp-gen/gen-pwdgrp.sh                                  | Merina Albert              | 03/23/2016 11:22 AM |
| 13396 | Build Environment                               | Feature | New              | Normal   | Add make target which shows state of project  | Richard Neswold            | 08/02/2016 10:15 AM |
| 3270  | messagefacility                                 | Feature | Accepted         | Low      | Add maximum back-off parameter for "limit"?   |                            | 10/23/2017 12:23 PM |
| 3915  | Synergia2                                       | Feature | New              | Normal   | Add mean and std p_z/p_ref to the basic and full2 diagnostics                           |                            | 05/21/2013 01:10 PM |
| 22938 | artdaq Utilities                                | Feature | Resolved         | Normal   | add metric_name to metric ctor to aid debugging with TRACE                              | Ron Rechenmacher           | 09/30/2019 11:08 AM |
| 20970 | JobSub  | Idea    | Assigned         | Normal   | Add metrics and log collection to jobsub server   | Shreyas Bhat               | 01/09/2020 03:05 PM |
| 125   | NIMI  | Feature | New              | Normal   | add miscomp_system_name to wf_machines column   |                            | 11/06/2009 12:33 PM |
| 6044  | NOvA DAQ  | Feature | New              | Normal   | Add monitoring of DDS server shared memory usage to Ganglia                             |                            | 04/28/2014 10:49 AM |
| 17670 | Hardware DB                                     | Feature | New              | Normal   | Add more checking to CSV file uploading.  |                            | 09/07/2017 02:36 PM |
| 22235 | VxWorks Kernels                                 | Support | Assigned         | High     | Add more driver slots in 6.4 kernels  | Mike Sliczniak             | 03/28/2019 10:18 AM |
| 13049 | Electronic Collaboration Logbook                | Feature | New              | Low      | Add more symbols to legend.   | Margherita Vittone Wiersma | 06/25/2016 08:47 AM |
| 13163 | Electronic Collaboration Logbook                | Idea    | New              | Low      | Add more user info.   |                            | 07/07/2016 10:07 PM |
| 13294 | ubpm  | Task    | New              | Normal   | Add Muon Campus Devel 'area' to R43 and R44   |                            | 07/19/2016 12:18 PM |
| 22851 | MOOC Framework                                  | Support | Assigned         | Normal   | Add new 3805 board  | Richard Neswold            | 07/01/2019 10:30 AM |
| 4481  | NCIS  | Idea    | New              | Normal   | Add new NCIS device types NTP and VG (if needed, which they are not at this time)       |                            | 09/12/2014 11:17 AM |
| 21864 | DBNEWS Support                                  | Feature | New              | Normal   | Add Node Configuration Changes to DBNEWS  |                            | 02/07/2019 11:38 AM |
| 9358  | VME BPM   | Task    | New              | Normal   | Add nodes to save list  | John Diamond               | 07/06/2015 02:05 PM |
| 16281 | NOvA Break Point Fitter                         | Feature | New              | Low      | Add "ObeyPreselection" into BPF   | Michael Baird              | 04/21/2017 01:05 PM |
| 16345 | Instrumentation Drivers                         | Feature | New              | Normal   | Add offset to add into waveform points  |                            | 04/26/2017 11:48 AM |
| 3429  | GlideinWMS                                      | Feature | New              | Normal   | Add old running glidein info to the factoryStatusNow monitoring page, Troubleshoot view | Burt Holzman               | 04/29/2013 01:35 PM |
| 6479  | Geant4  | Support | Assigned         | Normal   | Add one or several hadronic tests to ctest-machinery                                    | Julia Yarba                | 12/07/2015 04:30 PM |
| 23653 | fhicl-cpp                                       | Feature | Under Discussion | Normal   | Add optional parameters to report an std::optional value                                |                            | 12/02/2019 10:24 AM |
| 7427  | SAM Web services                                | Feature | Assigned         | Normal   | Add pagination to browser queries   | Michael Gheith             | 07/10/2015 05:26 PM |

| #     | Project   | Tracker | Status           | Priority | Subject   | Assignee                   | Updated             |
|-------|---|---------|------------------|----------|---|----------------------------|---------------------|
| 22917 | project-py  | Feature | Accepted         | Normal   | Add parameters to Pre-stage so one can have full dataset pre-stagedesd            | Yuyi Guo                   | 07/11/2019 01:37 PM |
| 6842  | ds50daq   | Feature | Resolved         | Normal   | Add parameters to V1495 fhicl files   | Kurt Biery                 | 09/24/2014 10:47 AM |
| 9994  | Electronic Collaboration Logbook                            | Feature | Resolved         | Low      | Add PDF to possible upload images   | Vladimir Podstavkov        | 06/14/2017 02:22 PM |
| 6317  | GlideinWMS  | Feature | New              | Low      | Add periodic test glidein submissions   |                            | 05/22/2014 10:31 AM |
| 8155  | Geant4  | Support | Assigned         | Normal   | add p+H double diff spectra   | Julia Yarba                | 12/11/2015 12:13 PM |
| 3384  | GlideinWMS  | Idea    | Assigned         | Low      | Add plugin for APFMon   | Burt Holzman               | 09/28/2019 10:25 AM |
| 23677 | Production Operations Management Service (POMS)             | Feature | New              | Normal   | Add "project" completion type -- wait for SAM project to end                      |                            | 12/02/2019 10:54 AM |
| 24410 | Production Operations Management Service (POMS)             | Feature | New              | Normal   | add --project_name flag to extract-project-from-arguments code                    | Marc Mengel                | 05/13/2020 12:55 PM |
| 128   | MISER   | Feature | New              | High     | Add quadrant leaders to signature requirements                                    | Lauri Carpenter            | 11/10/2009 12:32 PM |
| 8202  | NOvA Data Driven Trigger                                    | Feature | New              | Normal   | Add RawMilliBlockHeader to the Event Data Stream                                  | Jan Zirnstein              | 03/30/2015 04:54 PM |
| 17972 | DPM   | Support | New              | Normal   | Add redirection support to the Python library.                                    | Charles King               | 10/19/2017 01:33 PM |
| 22813 | Production Operations Management Service (POMS)             | Feature | Resolved         | Normal   | Add --refresh option for file_upload --proxy                                      | Marc Mengel                | 06/25/2019 03:23 PM |
| 5142  | SAM Web services  | Feature | Accepted         | Normal   | Add relative times to SAM definitions   |                            | 03/06/2014 02:32 PM |
| 23131 | artdaq  | Feature | Assigned         | Normal   | Add reporting of fragment IDs for missing fragments to the FragmentWatcher module | Kurt Biery                 | 01/07/2020 10:12 AM |
| 11839 | art   | Feature | Feedback         | Normal   | Add respondToOpenInputFile method to ResultsProducer                              |                            | 03/03/2016 03:21 PM |
| 6480  | Geant4  | Feature | Assigned         | Normal   | Address missing decays of short-lived resonances in Geant4                        | Julia Yarba                | 12/07/2015 04:52 PM |
| 22198 | dunetpc   | Task    | New              | Normal   | Address various issues in protodune-sp reconstruction                             |                            | 10/21/2019 09:51 AM |
| 7935  | Main Injector Beam Line Smoothing Application (PA1976, I49) | Idea    | New              | Normal   | Add RR 8 GeV line to program  |                            | 02/24/2015 03:58 PM |
| 11820 | Recycler Injecton Closure Application (PA4187, R52)         | Feature | Assigned         | High     | Add RR > P1 line closure  | Kyle Hazelwood             | 02/24/2016 02:59 PM |
| 21785 | Protocol Compiler   | Feature | Feedback         | Normal   | Add Rust as a supported language  | Richard Neswold            | 04/01/2019 03:08 PM |
| 6195  | GlideinWMS  | Feature | New              | Normal   | Add sanity check tools to the Frontend  |                            | 05/19/2015 01:59 PM |
| 24625 | mrb   | Support | Resolved         | Normal   | Add sbnobj repository   | Lynn Garren                | 07/14/2020 11:24 AM |
| 22350 | Continuous Integration (CI)                                 | Feature | Assigned         | Normal   | add scaled CPU usage per module to CI test output                                 | Vito Di Benedetto          | 07/25/2019 08:07 PM |
| 13101 | Electronic Collaboration Logbook                            | Feature | Assigned         | Low      | Add search by user last name on main page   | Margherita Vittone Wiersma | 07/05/2016 11:20 AM |
| 9246  | Fermi File Transfer Service                                 | Feature | Assigned         | Normal   | Add search for a file to the status web page                                      | Michael Gheith             | 06/18/2015 02:56 PM |
| 23265 | GlideinWMS  | Feature | Work in progress | Normal   | Add security mechanisms to the glidein logging channel                            | Leonardo Lai               | 04/08/2020 11:43 AM |

| #     | Project   | Tracker | Status           | Priority | Subject   | Assignee                   | Updated             |
|-------|---|---------|------------------|----------|---|----------------------------|---------------------|
| 3001  | artg4   | Feature | Accepted         | Normal   | Add skeleton services for convenience   | Adam Lyon                  | 10/13/2012 02:44 AM |
| 20559 | dune-data-management                            | Task    | New              | Normal   | Add some DUNE datasets to the rucio instance  | Robert Illingworth         | 08/08/2018 08:11 AM |
| 8295  | CMS dCache                                      | Feature | Assigned         | High     | Add special scripts for Data Manager in Puppet and have them deployed in the cmsadmin nodes | Chih-Hao Huang             | 11/24/2015 03:01 PM |
| 8921  | uBooNE code                                     | Feature | New              | Normal   | Add standard fcl configurations and mc samples with space charge simulation.                |                            | 05/26/2015 08:51 AM |
| 17428 | Electronic Collaboration Logbook                | Feature | New              | Normal   | Add start and end date for RSS feed report generation.                                      | Margherita Vittone Wiersma | 08/10/2017 11:17 AM |
| 18068 | TrajCluster                                     | Feature | New              | Normal   | Add StudyMode feature to analyze hits   |                            | 10/27/2017 01:56 PM |
| 11992 | Electronic Collaboration Logbook                | Feature | Resolved         | Normal   | Add subscription to all forms   | Margherita Vittone Wiersma | 01/29/2018 09:54 PM |
| 23584 | GlideinWMS                                      | Feature | New              | Normal   | Add support for ALCF clusters   |                            | 11/12/2019 01:20 PM |
| 16397 | Continuous Integration (CI)                     | Feature | New              | Normal   | Add support for code time profiling   |                            | 07/25/2019 08:07 PM |
| 5652  | GlideinWMS                                      | Feature | New              | Low      | Add support for flocked collectors  | Marco Mascheroni           | 09/17/2020 02:26 PM |
| 20482 | artdaq  | Idea    | New              | Normal   | Add support for "#includes" before PROLOGs in the db layer.                                 |                            | 07/30/2018 12:51 PM |
| 12735 | ACNET Service                                   | Feature | Assigned         | Normal   | Add support for large messages  | Richard Neswold            | 03/18/2020 10:10 AM |
| 16349 | Continuous Integration (CI)                     | Feature | Work in progress | Normal   | Add support for memory profiling  | Vito Di Benedetto          | 07/25/2019 08:07 PM |
| 23568 | SBND code                                       | Idea    | New              | Low      | Add support for sbnd_data to become a git repository and have its own Redmine page          | Iker de Icaza Astiz        | 11/07/2019 07:58 PM |
| 20713 | artdaq Utilities                                | Feature | Resolved         | Normal   | Add support for the RootDAQOut output module in DAQInterface bookkeeping                    | John Freeman               | 10/12/2018 12:50 PM |
| 23704 | GlideinWMS                                      | Feature | New              | Normal   | Add support for using cvmfs when it is not installed on a node                              |                            | 12/05/2019 10:15 AM |
| 17890 | SAM Web services                                | Feature | Assigned         | Normal   | Add support for VOMS proxies and GUMS/FERRY   | Brandon White              | 11/06/2017 02:10 PM |
| 18171 | Machine Protection                              | Feature | Assigned         | High     | Add support for watchdog  | Ning Liu                   | 02/26/2018 10:15 AM |
| 24204 | Continuous Integration (CI)                     | Feature | Work in progress | Normal   | add support to include URL in generic CI phase dashboards                                   | Vladimir Podstavkov        | 06/02/2020 01:18 PM |
| 24927 | project-py                                      | Feature | Assigned         | Normal   | Add support to merge analysis HistRoot output   | Vito Di Benedetto          | 09/08/2020 05:38 PM |
| 23087 | project-py                                      | Feature | Assigned         | Normal   | Add support to notify user in case prestage process is stuck                                | Vito Di Benedetto          | 08/08/2019 12:46 PM |
| 23082 | Continuous Integration (CI)                     | Feature | Assigned         | Normal   | Add support to parse GlideinWMS CI test logs to provide info at branch level                | Vito Di Benedetto          | 08/08/2019 09:47 AM |
| 23086 | project-py                                      | Feature | Assigned         | Normal   | Add support to report a summary information for the prestage                                | Vito Di Benedetto          | 08/08/2019 12:44 PM |
| 11465 | Protocol Compiler                               | Feature | Assigned         | Normal   | Add Swift as a target   | Charles King               | 06/08/2016 01:06 PM |
| 23076 | Production Operations Management Service (POMS) | Feature | Resolved         | Normal   | Add test_launch to poms_client.launch_campaign_jobs   | Marc Mengel                | 09/05/2019 03:58 PM |
| 9888  | rbpm  | Task    | Assigned         | Normal   | Add test node to R143   | John Diamond               | 09/18/2015 10:25 AM |

| #     | Project                          | Tracker | Status           | Priority | Subject  | Assignee                   | Updated             |
|-------|----------------------------------|---------|------------------|----------|--|----------------------------|---------------------|
| 15984 | CMS Tier-1                       | Task    | New              | Normal   | Add test SAM site  | Krista Larson              | 03/27/2017 03:01 PM |
| 22280 | artdaq                           | Feature | Resolved         | Normal   | Add tests for RoutingMasterCore  | Eric Flumerfelt            | 04/08/2019 08:11 AM |
| 12950 | GlideinWMS                       | Feature | New              | Normal   | Add the ability for a site to inject a list of allowed DNs into a VO pilot                                 | Parag Mhashilkar           | 06/17/2016 09:42 AM |
| 21558 | GlideinWMS                       | Feature | New              | Normal   | Add the ability to advertise an attribute in the entry classad also if constant                            | Marco Mascheroni           | 03/06/2020 01:14 PM |
| 4316  | ds50daq                          | Feature | New              | Normal   | Add the ability to exclude a specific PMT from the majority logic trigger                                  |                            | 04/25/2014 04:13 PM |
| 7215  | ds50daq                          | Feature | Resolved         | Normal   | Add the ability to specify TDC pulse delay and gate width parameters in the manageSystemWithVeto.sh script | Kurt Biery                 | 10/24/2014 03:15 PM |
| 24546 | GlideinWMS                       | Feature | Work in progress | Normal   | Add the ability to use CVMFS on sites that do not provide local installations                              | Namratha Urs               | 08/21/2020 07:28 PM |
| 17057 | cet-is                           | Feature | Accepted         | Normal   | Add the configurable ability to enable ROOT's implicit multi-threading to art.                             |                            | 07/05/2017 11:49 AM |
| 24677 | GlideinWMS                       | Feature | New              | Normal   | Add the possibility to override "attributes" (-params...) in manual_glidein_startup                        | Lerayah Neely-brown        | 07/29/2020 03:59 PM |
| 20481 | artdaq                           | Idea    | New              | Normal   | Add the "--print-description" option to DAQ processes.   |                            | 07/30/2018 12:42 PM |
| 17448 | fhicl-cpp                        | Feature | Feedback         | Normal   | Add the raw_value member to fhicl::extended_value  |                            | 08/21/2017 11:44 AM |
| 21221 | dunetpc                          | Task    | New              | Normal   | Add time of flight information to the event display  | David Adams                | 10/24/2018 07:13 PM |
| 3818  | GlideinWMS                       | Feature | New              | Normal   | Add timeouts to validation scripts   | Marco Mambelli             | 10/28/2013 02:15 PM |
| 18174 | Machine Protection               | Feature | Assigned         | Normal   | Add timestamp to trip information  | Richard Neswold            | 11/09/2017 11:06 AM |
| 3718  | GlideinWMS                       | Feature | Assigned         | Low      | Add tool to replace <entries> from central repository  | Burt Holzman               | 04/17/2013 02:21 PM |
| 16905 | Off-the-Shelf DAQ                | Idea    | New              | Low      | Add Tree-View Filter flexibility   |                            | 06/19/2017 02:48 PM |
| 22974 | VxWorks ACNET Library            | Support | Assigned         | High     | Add trunks 15 and 16 for IRMs  | Mike Sliczniak             | 07/22/2019 10:19 AM |
| 22973 | VxWorks ACNET Library            | Support | Assigned         | High     | Add trunks 15 and 16 in Linac front-ends   | Mike Sliczniak             | 07/22/2019 10:20 AM |
| 22972 | VxWorks ACNET Library            | Support | Assigned         | High     | Add trunks 15 and 16 to MOOC   | Richard Neswold            | 07/29/2019 12:55 PM |
| 11454 | Protocol Compiler                | Feature | New              | Normal   | Add union types  |                            | 05/12/2020 02:03 PM |
| 18855 | GlideinWMS                       | Feature | New              | Normal   | Add unit test for lib/fork.py  | Dennis Box                 | 09/17/2020 02:14 PM |
| 4368  | SAM-MAIN                         | Support | Assigned         | Normal   | Add usage metrics for each experiment  | Marc Mengel                | 07/18/2013 04:56 PM |
| 13104 | Electronic Collaboration Logbook | Feature | Resolved         | Normal   | Add user to listserv   | Margherita Vittone Wiersma | 01/29/2018 09:32 PM |
| 22446 | ArtDaq RunControl GUI            | Feature | New              | Normal   | Add various health checks  |                            | 04/24/2019 03:33 PM |
| 2073  | scanmenow                        | Feature | New              | Normal   | Add viewing of results   |                            | 10/28/2011 04:09 PM |
| 13806 | Build Environment                | Feature | Assigned         | High     | Add VxWorks 6.9 to our build environment   | Richard Neswold            | 09/08/2016 02:07 PM |
| 22241 | JobSub                           | Feature | New              | Normal   | Add whitelist  |                            | 05/17/2019 02:52 PM |
| 21414 | Erlang Front-end Framework       | Feature | Assigned         | Normal   | Add write-read atomic operation for CEC protocol   | Dennis Nicklaus            | 04/15/2019 05:57 PM |
| 22856 | PlotUtils Management             | Feature | Resolved         | Normal   | Add xrootd compatibility to PU::ChainWrapper   | Benjamin Messerly          | 07/11/2019 06:59 PM |

| #     | Project                                     | Tracker   | Status   | Priority | Subject  | Assignee         | Updated             |
|-------|---|-----------|----------|----------|--|------------------|---------------------|
| 17286 | GlideinWMS                                  | Idea      | New      | Low      | Adjust the fe logging to be less annoying  |                  | 07/27/2017 11:32 AM |
| 20811 | GlideinWMS                                  | Feature   | New      | High     | Adopt Singularity mechanisms provided by HTCondor  | Marco Mambelli   | 09/17/2020 02:17 PM |
| 2535  | E-Center                                    | Feature   | New      | Normal   | ADS enhancements (correlated events detection)   | Maxim Grigoriev  | 03/06/2012 01:20 PM |
| 142   | Nimrod                                      | Support   | New      | Normal   | ADSNMP system  | Vladimir Bravov  | 01/27/2010 10:36 AM |
| 15981 | Continuous Integration (CI)                 | Task      | New      | Normal   | Advanced user mode   |                  | 12/04/2017 05:43 PM |
| 4684  | GlideinWMS                                  | Feature   | New      | Normal   | Advertise EC2 info in the startd classads  | Anthony Tiradani | 09/28/2019 10:25 AM |
| 24449 | JobSub                                      | Bug       | Feedback | Normal   | advertise python used by client in server classads   | Shreyas Bhat     | 06/02/2020 11:41 AM |
| 4435  | GlideinWMS                                  | Feature   | New      | Normal   | Advertize ClassAd if factory removes held glidein  |                  | 05/19/2015 01:59 PM |
| 3866  | Simulation Pipeline                         | Bug       | Assigned | Urgent   | airmass in TileSurvey_Serrano  | Santiago Serrano | 05/21/2013 12:17 PM |
| 24377 | DPM   | Bug       | Assigned | Normal   | Alarm Limits Don't Convey Nom/Tol  | Beau Harrison    | 05/06/2020 03:41 PM |
| 22932 | AI-for-Accelerators                         | Milestone | New      | Normal   | Algorithm development, part 2  |                  | 07/12/2019 03:18 PM |
| 22829 | AI-for-Accelerators                         | Feature   | New      | Normal   | Algorithm development, part 1  |                  | 06/27/2019 04:25 PM |
| 11639 | LArSoft                                     | Bug       | Assigned | Normal   | AlgoThreshold_test needs to be fixed   | Wesley Ketchum   | 02/04/2016 08:37 PM |
| 5804  | LBNE Software And Computing DOE Review 2014 | Milestone | New      | Urgent   | ALL DOCUMENTS DUE  | Maxim Potekhin   | 04/01/2014 06:22 PM |
| 3902  | Simulation Pipeline                         | Bug       | Assigned | Urgent   | AllocateFibers bug   | Jaime Forero     | 05/17/2013 04:49 PM |
| 7662  | art   | Feature   | Feedback | Normal   | Allow absolute include paths in fcls   |                  | 10/23/2017 12:12 PM |
| 23451 | GlideinWMS                                  | Idea      | New      | High     | Allow a Frontend to run in parallel w/o affecting the Factory                                    | Marco Mambelli   | 09/17/2020 02:17 PM |
| 22357 | art   | Feature   | Accepted | Low      | Allow a placeholder for main FHiCL configuration name in output files (RootOutput, TFileService) |                  | 04/15/2019 10:26 AM |
| 4363  | ds50daq                                     | Feature   | New      | High     | Allow art modules to be disabled/enabled [art-related]   | Kurt Biery       | 04/23/2014 01:38 PM |
| 23460 | mrbs  | Feature   | Resolved | Normal   | allow build and localProduct to be in different directory trees                                  | Lynn Garren      | 11/05/2019 04:35 PM |
| 5832  | SAM Web client                              | Feature   | New      | Normal   | Allow bulk metadata changes  |                  | 04/05/2014 02:24 PM |
| 10597 | cetbuildtools                               | Feature   | Assigned | Normal   | allow cetbuildtools to produce a product without a debug or prof qualifier                       | Lynn Garren      | 10/26/2015 11:22 AM |
| 17900 | messagefacility                             | Feature   | Assigned | Normal   | Allow configuration of MessageLoggerScribe's plugin factory search paths                         |                  | 12/03/2019 12:41 PM |
| 205   | ups   | Feature   | New      | Normal   | Allow db-relocatable entries   |                  | 04/25/2017 05:10 PM |
| 18576 | Off-the-Shelf DAQ                           | Feature   | New      | Normal   | Allow Desktop Icons API for multiple contexts  |                  | 12/15/2017 09:49 AM |
| 22145 | artdaq                                      | Idea      | New      | Normal   | Allow experiments to put certain Fragments on separate ROOT Branches                             |                  | 03/15/2019 10:02 AM |
| 5524  | SeaQuest Distribution                       | Feature   | New      | Normal   | Allow externals to be shared   | Brian Tice       | 02/26/2014 01:49 PM |
| 6342  | JobSub                                      | Feature   | Assigned | Normal   | Allow extra stage(s) in DAG for --dataset_definition   | Dennis Box       | 05/17/2019 11:41 AM |
| 12963 | cetbuildtools                               | Feature   | Assigned | Normal   | allow fcl files to be installed in a directory structure   | Lynn Garren      | 06/20/2016 11:50 AM |
| 4897  | ds50daq                                     | Feature   | New      | Normal   | Allow FHiCL configuration of DB port in DBInterface.   |                  | 04/23/2014 01:13 PM |

| #     | Project   | Tracker               | Status           | Priority | Subject   | Assignee                   | Updated             |
|-------|---|-----------------------|------------------|----------|---|----------------------------|---------------------|
| 19993 | Off-the-Shelf DAQ                               | Idea                  | New              | Normal   | Allow for column in table to have a user defined default value                                  |                            | 05/18/2018 02:52 PM |
| 742   | Node Registration                               | Feature               | New              | Normal   | Allow '-' for macid.  |                            | 11/29/2010 11:25 AM |
| 13798 | Erlang Front-end Framework                      | Feature               | New              | Normal   | Allow front-end to connect to multiple local aliases  |                            | 11/21/2018 02:49 PM |
| 23709 | Production Operations Management Service (POMS) | Feature               | New              | Normal   | Allow "Kick to Located" on Failed, Removed, jobs...   |                            | 12/05/2019 10:34 AM |
| 4567  | SAM Web services                                | Feature               | New              | Low      | Allow modifying parents in metadata   |                            | 08/21/2013 01:27 PM |
| 7761  | LAr Batch Tools                                 | Feature               | New              | Normal   | Allow multiple top-level ups products   |                            | 02/02/2015 02:25 PM |
| 24210 | TRACE   | Feature               | New              | Normal   | Allow multiple TRACE user functions   |                            | 03/23/2020 02:04 PM |
| 1623  | NOvA Global Trigger                             | Feature               | Assigned         | Normal   | Allow multiple trigger instances  | Alec Habig                 | 08/08/2011 03:28 AM |
| 195   | Budget Input                                    | Feature               | Assigned         | High     | Allow non-budgetable Activity to have null Default Task.  | Penelope Constanta         | 09/08/2010 02:50 PM |
| 13012 | Simons Foundation Data Management               | Task                  | New              | Normal   | Allow read-only authenticated access to SAMWeb  | Robert Illingworth         | 06/23/2016 02:48 PM |
| 23699 | sbndaq  | Feature               | New              | Low      | Allow sbndaq to run by just setting the product, without needing to have a local installation   | Iker de Icaza Astiz        | 12/04/2019 11:21 PM |
| 13313 | Electronic Collaboration Logbook                | Idea                  | New              | Low      | allow some fields to be required for forms  |                            | 07/20/2016 03:04 PM |
| 23582 | art   | Feature               | Under Discussion | Normal   | Allow source modules to use random number engines from the RandomNumberGenerator service.       |                            | 11/13/2019 08:21 AM |
| 16219 | Elog  | Feature               | New              | Low      | Allow special characters in category names again  | Kyle Hazelwood             | 04/17/2017 11:17 AM |
| 17270 | SAM Web services                                | Feature               | New              | Normal   | Allow subrun ranges in metadata input and output  |                            | 07/25/2017 02:58 PM |
| 18577 | Off-the-Shelf DAQ                               | Idea                  | New              | Normal   | Allow subset State=False viewing in tree  |                            | 12/15/2017 09:50 AM |
| 3941  | ds50daq   | Feature               | New              | Normal   | Allow the number of V1720 buffers to be set from ds50MasterControl                              |                            | 04/25/2014 03:52 PM |
| 22284 | GlideinWMS                                      | Feature               | New              | Normal   | Allow the Singularity wrapper to ensure unicity of bind mounts                                  | Marco Mambelli             | 09/17/2020 02:14 PM |
| 11909 | ConDB   | Feature               | New              | Normal   | Allow time-line insertion   | Igor Mandrichenko          | 03/07/2016 11:56 AM |
| 13304 | GlideinWMS                                      | Feature               | New              | Normal   | Allow to add submit attributes also for grid and ec2 grid types                                 |                            | 07/20/2016 09:16 AM |
| 1926  | Budget Input                                    | Bug                   | Resolved         | Normal   | Allow to approve activities with same name when status is uploaded                              |                            | 08/20/2012 11:39 AM |
| 23776 | artdaq  | Idea                  | New              | Normal   | Allow users more control of MetricPlugin behavior   |                            | 12/18/2019 08:45 AM |
| 16637 | artdaq Utilities                                | Feature               | Resolved         | Normal   | Allow users to specify startup order for BoardReader processes                                  | John Freeman               | 05/24/2017 03:12 PM |
| 13103 | Electronic Collaboration Logbook                | Feature               | Resolved         | Normal   | Allow user to add subject after entry has been made   | Margherita Vittone Wiersma | 01/29/2018 09:42 PM |
| 12702 | Elog  | Feature               | Assigned         | Low      | Allow user to move popup graphics window  | Kyle Hazelwood             | 11/30/2016 10:17 AM |
| 6518  | GENIE   | Feature               | New              | Normal   | Allow user to specify the UserPhysicsOptions name/location.                                     |                            | 10/05/2015 10:17 AM |
| 15677 | cet-is  | Necessary Maintenance | Accepted         | Normal   | All sentries need to behave properly when an exception is thrown within the sentry's destructor |                            | 03/26/2018 08:49 AM |

| #     | Project   | Tracker               | Status           | Priority | Subject   | Assignee            | Updated             |
|-------|---|-----------------------|------------------|----------|---|---------------------|---------------------|
| 19201 | SBND code                                       | Necessary Maintenance | New              | High     | All standard chain fcl files should name root files according to a standard                                   |                     | 03/02/2018 04:16 AM |
| 5061  | NOvA Online Monitoring                          | Support               | New              | Normal   | also adjust the file cleanup script   |                     | 12/08/2013 10:09 PM |
| 13403 | uBooNE Reconstruction                           | Milestone             | New              | Normal   | Alternate Reconstruction Paths  |                     | 10/21/2016 11:01 AM |
| 16838 | Mu2e FMS  | Feature               | New              | Normal   | Analysis Component  |                     | 06/13/2017 04:41 PM |
| 9826  | SeaQuest Production                             | Idea                  | New              | Low      | Analysis features   |                     | 08/14/2015 04:35 PM |
| 23097 | Production Operations Management Service (POMS) | Bug                   | Resolved         | Normal   | Analysis user able to modify production   | Marc Mengel         | 08/29/2019 01:24 PM |
| 16839 | Mu2e FMS  | Feature               | New              | Normal   | Analysis View Component   |                     | 06/13/2017 04:41 PM |
| 3761  | GlideinWMS                                      | Bug                   | Assigned         | Normal   | analyze_entries reporting on stale data   | Parag Mhashilkar    | 01/26/2016 09:59 AM |
| 5417  | GlideinWMS                                      | Feature               | New              | Normal   | analyze_entries should be able to group for FE reports  | Marco Mambelli      | 10/04/2019 04:57 PM |
| 5799  | LBNE Software And Computing DOE Review 2014     | Milestone             | Assigned         | Normal   | Analyze Labs' Materials   | Maxim Potekhin      | 04/01/2014 06:06 PM |
| 16082 | Neutrino Division LArTPC Test Stands            | Task                  | New              | Normal   | Analyzer Calculations   | Kathrine Cipriano   | 04/04/2017 04:37 PM |
| 19011 | art   | Necessary Maintenance | Accepted         | Normal   | Analyzer for testing backwards compatibility  |                     | 02/19/2018 11:26 AM |
| 1334  | MILC Layout                                     | Feature               | New              | Normal   | Analyzing performance improvement   |                     | 05/29/2011 05:44 PM |
| 10516 | uBooNE Detector Physics                         | Task                  | New              | Normal   | Analyzing Special Laser and Cosmic Runs at 50, 60, 70kV   | Sowjanya Gollapinni | 02/08/2016 11:03 AM |
| 14790 | uBooNE Production                               | Production Request    | Feedback         | High     | ana trees for in time sample  | Adam Lister         | 12/15/2016 09:01 AM |
| 19527 | Elog  | Bug                   | New              | Low      | Anchor tags for entries/comments that are at button of page trigger infinite scroll                           | Kyle Hazelwood      | 03/29/2018 10:05 AM |
| 7764  | Elog  | Idea                  | Assigned         | Low      | An easier way to go to a shift timespan after executing a search  | Kyle Hazelwood      | 11/30/2016 10:00 AM |
| 14718 | Elog  | Bug                   | Assigned         | High     | An entry in the Testing log does not have an author   | Kyle Hazelwood      | 11/30/2016 01:06 PM |
| 18393 | LArSoft   | Feature               | Accepted         | Normal   | An exception occurs in the HitRefinerAssociator in LineCluster and TrajCluster when RawDigits are not present |                     | 03/22/2018 12:59 PM |
| 18795 | ANNIE   | Support               | Work in progress | Normal   | ANNIE 2018 computing request for SCPMT  | Mayly Sanchez       | 01/25/2018 04:32 PM |
| 21449 | ANNIE   | Support               | New              | Normal   | ANNIE 2019 computing request for SCPMT  | Mayly Sanchez       | 11/28/2018 02:56 PM |
| 24151 | ANNIE   | Support               | New              | Normal   | ANNIE 2020 computing request  | Benjamin Richards   | 05/06/2020 07:43 AM |
| 20862 | ANNIE   | Support               | New              | Normal   | annie-daq02 cleanup for Sep 2018 reinstall  | Arthur Kreymer      | 09/21/2018 03:41 PM |
| 21624 | ANNIE   | Support               | New              | Low      | Annie ECL local password removal  | Arthur Kreymer      | 01/04/2019 10:52 AM |
| 17621 | ANNIE   | Support               | Work in progress | Normal   | Annie internal web pages to https://anniedata.fnal.gov  | Arthur Kreymer      | 01/25/2018 07:22 AM |
| 8630  | ANNIE1-Planning                                 | Meeting               | New              | Normal   | ANNIE Run 1 Electronics Review  |                     | 05/06/2015 09:47 AM |

| #     | Project                          | Tracker               | Status   | Priority | Subject   | Assignee            | Updated             |
|-------|----------------------------------|-----------------------|----------|----------|---|---------------------|---------------------|
| 20983 | artdaq                           | Feature               | New      | Normal   | Annotate artdaq database with doxygen tags.                                     |                     | 09/28/2018 05:15 PM |
| 7753  | SAM Web services                 | Bug                   | New      | Normal   | Another slow query  |                     | 02/04/2015 02:52 PM |
| 10477 | VME Intensity Monitor            | Milestone             | New      | High     | ANUB Startup  | Roger Tokarek       | 01/06/2016 01:11 PM |
| 17513 | fhicl-cpp                        | Feature               | Feedback | Normal   | an updated version of the fhiclcpp patch  |                     | 08/21/2017 11:49 AM |
| 12425 | Boss-O-Schedule                  | Feature               | Assigned | Low      | API   | Kyle Hazelwood      | 05/01/2016 08:42 AM |
| 7959  | Electronic Collaboration Logbook | Bug                   | Resolved | Normal   | API fails on unsanitized XML  | Vladimir Podstavkov | 06/29/2016 10:14 AM |
| 11683 | uBooNE Detector Physics          | Task                  | New      | Normal   | Apply lifetime corrections to hits  |                     | 02/09/2016 11:41 AM |
| 11673 | uBooNE Detector Physics          | Task                  | New      | Normal   | Apply lifetime correction to hits   |                     | 02/08/2016 11:41 AM |
| 11682 | uBooNE Detector Physics          | Task                  | New      | Normal   | Apply recombination correction using modified Box model (or Birk's)             |                     | 02/09/2016 11:38 AM |
| 11675 | uBooNE Detector Physics          | Task                  | New      | Normal   | Apply space charge correction if necessary                                      |                     | 02/08/2016 11:44 AM |
| 8573  | ANNIE1-mechanical-design         | Task                  | New      | Normal   | Approval to purchase tank, from IA State Purchasing                             |                     | 05/27/2015 07:54 AM |
| 2796  | NOVA DAQ Cluster - Far Det       | Feature               | New      | Normal   | Approve and set up KDC server at Ash River                                      | Andrew Norman       | 01/25/2013 02:32 PM |
| 11965 | VME Intensity Monitor            | Milestone             | New      | High     | April Release - 201604A   |                     | 09/04/2018 01:01 PM |
| 24951 | artdaq Utilities                 | Feature               | New      | High     | Archive run_record_attempted  | John Freeman        | 09/10/2020 08:34 PM |
| 23547 | sbndaq                           | Feature               | New      | High     | Archive select variables (e.g. channel RMS) from Redis to Postgres archive DB   | Biswaranjan Behera  | 11/06/2019 09:50 AM |
| 17962 | ANNIE                            | Support               | Resolved | Normal   | archive v5data/0248 to 0252   | Arthur Kreymer      | 10/27/2017 02:38 PM |
| 20628 | artdaq                           | Feature               | New      | Normal   | Archiving time on the protoDUNE cluster should be reduced                       | Gennadiy Lukhanin   | 08/16/2018 03:04 PM |
| 20964 | ProtoDUNE Data Management        | Task                  | New      | Normal   | Are voms, etc. supported on mac osx   | Steven Timm         | 09/27/2018 11:28 AM |
| 5257  | MicroBooNE ARGO                  | Milestone             | New      | Normal   | Argo "client"/control room workstation  |                     | 01/24/2014 11:35 AM |
| 5255  | MicroBooNE ARGO                  | Meeting               | New      | Normal   | Argo Client/Server requirements   |                     | 01/24/2014 11:32 AM |
| 8248  | GENIE                            | Feature               | Assigned | Normal   | Argon de-ex and low-Energy x-sec validation app                                 | Gabriel Perdue      | 05/02/2016 01:44 PM |
| 16639 | ArgoNeuT code                    | Bug                   | Resolved | Normal   | ArgoNeuT uses the existing lifetime and temperature if query of database fails  | Tingjun Yang        | 05/23/2017 07:49 PM |
| 23896 | PIP-II IT HWR                    | Task                  | New      | Normal   | Argonne Resonance Controller Troubleshooting & Modifications                    |                     | 01/15/2020 11:44 AM |
| 5256  | MicroBooNE ARGO                  | Milestone             | New      | Normal   | Argo Server   |                     | 01/24/2014 11:34 AM |
| 15940 | cet-is                           | Necessary Maintenance | Accepted | Normal   | Armor all sourced scripts against unusual user-set shell options                |                     | 03/27/2017 11:23 AM |
| 24061 | fife_utils                       | Feature               | New      | Normal   | Arrange callouts pre-file loop, pre-executable, post-executable, post-file loop |                     | 02/18/2020 09:38 AM |
| 8615  | ANNIE1-MRD-design                | Task                  | New      | Normal   | Arrange to get the Kansas/Syracuse PMTs and scintillator                        |                     | 06/05/2015 06:42 AM |
| 12513 | VME Intensity Monitor            | Support               | New      | Normal   | Array Data Timeout Request  | Roger Tokarek       | 05/04/2016 02:50 PM |
| 23764 | artdaq                           | Support               | New      | Normal   | artdaq boot sequence takes significant time for ICARUS daq                      |                     | 12/19/2019 03:10 PM |
| 24869 | artdaq                           | Support               | New      | Normal   | artdaq_epics_plugin   |                     | 08/26/2020 03:25 PM |



| #     | Project               | Tracker               | Status           | Priority | Subject   | Assignee          | Updated             |
|-------|-----------------------|-----------------------|------------------|----------|---|-------------------|---------------------|
| 24860 | ArtDaq RunControl GUI | Feature               | New              | Normal   | artdaq partition number   | Esteban Cristaldo | 08/28/2020 09:19 AM |
| 22189 | Off-the-Shelf DAQ     | Bug                   | New              | Normal   | Artdaq source/destination tables should transparently deal with broken links  |                   | 03/22/2019 10:06 AM |
| 12980 | SBND code             | Necessary Maintenance | New              | Normal   | art_file_catalog configuration should be removed  |                   | 06/21/2016 07:56 PM |
| 3078  | artg4                 | Bug                   | New              | Normal   | artg4::MaterialService::newVacuum()   |                   | 10/29/2012 10:20 PM |
| 1043  | art                   | Bug                   | Accepted         | Normal   | art::getFileFormatVersion and art::getFileFormatEra should be renamed   |                   | 10/23/2017 12:12 PM |
| 24843 | art                   | Bug                   | Assigned         | Normal   | art job crashed but completed successfully when retried almost immediately ..   | Kyle Knoepfel     | 09/14/2020 10:24 AM |
| 19599 | art                   | Support               | Feedback         | Normal   | art job influenced by random files  |                   | 09/02/2020 09:11 AM |
| 21385 | art                   | Support               | Assigned         | Normal   | Art Module Design wiki section is significantly out of date.  | Kyle Knoepfel     | 11/19/2018 10:39 AM |
| 11033 | art                   | Feature               | Accepted         | Normal   | art module in Python  |                   | 04/23/2018 10:51 AM |
| 19994 | art                   | Feature               | Accepted         | Normal   | art multi-threading phase 2   |                   | 05/21/2018 10:33 AM |
| 11035 | art                   | Feature               | Accepted         | Normal   | art producer module in python   |                   | 12/07/2015 11:43 AM |
| 20431 | artdaq                | Bug                   | New              | Low      | {art-related} When writing data from EventBuilders and both maxRuns and maxSubRuns are set to 1, we get an extra file from each EB at end-run |                   | 07/24/2018 02:37 PM |
| 24709 | art                   | Support               | Work in progress | Normal   | art should not hook the ROOT error mechanism (or should provide a way for users to opt-out)   |                   | 08/17/2020 10:26 AM |
| 1048  | Fermi Redmine         | Support               | New              | Normal   | As a Liaison, can't update Wiki   |                   | 03/09/2011 11:04 AM |
| 21228 | artdaq                | Feature               | New              | Normal   | A script should be made available where it's easy for users to update the branches in their installation's git repos                          | John Freeman      | 10/24/2018 05:02 PM |
| 21328 | artdaq Utilities      | Feature               | Resolved         | Normal   | A set of subconfigurations which realistically model an experiment should be added to simple_test_config                                      |                   | 11/21/2018 12:06 PM |
| 1313  | MILC Layout           | Feature               | New              | Normal   | A simple separated layout program   | Jun He            | 05/18/2011 09:46 AM |
| 21164 | artdaq                | Idea                  | New              | Normal   | A simple-test-config that has configure-only BRs might be useful to help mimic protoDUNE-like systems   |                   | 10/16/2018 11:33 AM |
| 20776 | GlideinWMS            | Feature               | New              | High     | Ask for feedback about the new Singularity scripts and remove the TODOs   | Marco Mambelli    | 09/17/2020 02:17 PM |
| 13284 | ubpm                  | Task                  | New              | Normal   | Assemble crate  |                   | 07/19/2016 11:39 AM |
| 8576  | ANNIE1-Assembly       | Task                  | New              | Normal   | Assembly and installation of PMT modules  |                   | 04/06/2016 11:06 PM |
| 8839  | uBoone Operations     | Necessary Maintenance | New              | Normal   | Assign permanent port numbers to the rs232 connection   | Matthias Luethi   | 05/18/2015 09:58 AM |
| 20430 | artdaq                | Support               | Assigned         | Normal   | Assist in the rollout of the metadata art module for protoDUNE  | Kurt Biery        | 07/24/2018 04:18 PM |
| 20608 | artdaq                | Support               | Resolved         | Normal   | Assist in the setup of an artdaq-database (MongoDB) instance on np04-srv-009 for RunControl testing there                                     | John Freeman      | 08/20/2018 04:07 PM |
| 20607 | artdaq                | Support               | Work in progress | Low      | Assist in the setup of the DUNE cold electronics teststand at PAB   |                   | 10/09/2018 01:21 PM |

| #     | Project                                   | Tracker | Status           | Priority | Subject   | Assignee               | Updated             |
|-------|---|---------|------------------|----------|---|------------------------|---------------------|
| 9801  | LBNE DAQ                                  | Support | New              | Normal   | Assist with debugging SSP network issues  |                        | 08/07/2015 01:48 PM |
| 4685  | ATC                                       | Bug     | Assigned         | High     | Associating a transient with a host galaxy needs validation.  | Rollin Thomas          | 09/24/2013 11:16 PM |
| 3237  | Dark Energy Spectroscopic Survey [DESpec] | Feature | Assigned         | Normal   | atmospheric absorption adn airmass  | Brian Nord             | 04/18/2013 07:58 AM |
| 21185 | NuTools                                   | Feature | New              | Normal   | Atmospheric flux rotation by default  |                        | 10/18/2018 06:48 PM |
| 22927 | NuTools                                   | Bug     | New              | Normal   | Atmospheric neutrino energy distribution for high energy range looks wrong  |                        | 07/11/2019 07:40 PM |
| 20344 | artdaq                                    | Support | Work in progress | Normal   | At protoDUNE, either turn off core dumps or implement something to clean up core files                                  |                        | 08/01/2018 09:29 AM |
| 10509 | ANNIE1-electronics-design                 | Task    | Assigned         | Normal   | Attach bulkhead connectors and pcb mounting hardware  | Jonathan Eisch         | 04/06/2016 11:13 PM |
| 19427 | SBND code                                 | Bug     | New              | High     | 'Attempt to find MCTruth for TrackId: 0 has failed' exception in CORSIKA anatre production                              |                        | 03/17/2018 04:47 PM |
| 16009 | VME BPM                                   | Bug     | Resolved         | Normal   | Attenuation tables won't initialize correctly on startup  | John Diamond           | 03/28/2017 03:49 PM |
| 18076 | Synergia2                                 | Bug     | New              | Normal   | attribute name checking   | James Amundson         | 10/30/2017 01:40 PM |
| 15000 | artdaq                                    | Support | New              | Normal   | Audit all messages produced by artdaq during normal running   |                        | 11/05/2019 09:09 AM |
| 23968 | Front-end Group                           | Support | New              | High     | Audit SQL usage in front-ends   | Dennis Nicklaus        | 01/29/2020 10:03 AM |
| 16225 | Scientific DB Applications                | Idea    | New              | Low      | Autofill of user information when creating new account.   |                        | 04/17/2017 02:16 PM |
| 22041 | Elog                                      | Bug     | New              | Normal   | auto logout timer   |                        | 03/02/2019 07:11 PM |
| 10043 | Monitoring check_mk                       | Feature | Resolved         | Normal   | Automate addition/updates on uscms_zabbix_plugins RPM   | Gerard Bernabeu Altayo | 09/03/2015 06:37 PM |
| 6506  | Geant4 Validation Repository              | Feature | Resolved         | Normal   | automated upload to database using provided script  | Hans-Joachim Wenzel    | 05/03/2016 04:58 PM |
| 3621  | Dark Energy Spectroscopic Survey [DESpec] | Support | Assigned         | Normal   | Automate Pycosmo build?   | Laurenz Gamper         | 04/18/2013 07:38 AM |
| 729   | GlideinWMS Release Manager                | Feature | New              | Normal   | Automate the generation of project web spaces files using XSLT  | Parag Mhashilkar       | 11/15/2010 03:47 PM |
| 18609 | CVMFS Support                             | Support | New              | Normal   | Automatically clean out data/txn files after failures   |                        | 09/25/2018 04:05 PM |
| 23057 | project-py                                | Feature | New              | Normal   | Automatically generate a test job cfg   | Yuyi Guo               | 08/19/2019 04:30 PM |
| 19387 | dune-artdaq                               | Bug     | Work in progress | High     | Automatic file-closing issues   | John Freeman           | 03/15/2018 03:45 PM |
| 19284 | Off-the-Shelf DAQ                         | Feature | New              | Normal   | Automatic run/subrun rollover   |                        | 03/06/2018 07:58 AM |
| 9514  | CVMFS Support                             | Support | New              | Normal   | Auxiliary data support  | Dave Dykstra           | 09/24/2018 02:39 PM |
| 22135 | TIMEAV                                    | Bug     | New              | Normal   | Average Values Going to 0   |                        | 03/13/2019 03:38 PM |
| 4354  | ds50daq                                   | Feature | New              | Normal   | Avoid situations in which exceptional conditions in online monitoring module cause DAQ processes to crash [art-related] |                        | 07/17/2013 09:30 AM |
| 11493 | Gratia v2 Development                     | Bug     | Assigned         | Normal   | AWS call repeatedly timing out after five minutes   | Kevin Retzke           | 01/26/2016 10:32 AM |
| 11487 | Gratia v2 Development                     | Bug     | Assigned         | High     | AWS Probe crashing while many VMs running   | Kevin Retzke           | 01/26/2016 09:30 AM |

| #     | Project  | Tracker | Status   | Priority | Subject  | Assignee        | Updated             |
|-------|--|---------|----------|----------|--|-----------------|---------------------|
| 11361 | Gratia v2 Development                          | Bug     | New      | Normal   | AWS Spot Price cacheing  | Kevin Retzke    | 01/06/2016 05:06 PM |
| 16389 | LArSoft  | Bug     | Assigned | Normal   | Backtracker fails on corsika in-time MC                                    | Wesley Ketchum  | 10/17/2017 05:03 PM |
| 18481 | TrajCluster                                    | Bug     | Resolved | Normal   | BackTracker not working  | Tingjun Yang    | 02/10/2018 07:57 PM |
| 23957 | Erlang Front-end Framework                     | Support | Assigned | Normal   | Bad device in config   | Dennis Nicklaus | 01/27/2020 11:12 AM |
| 3071  | incrWeave                                      | Bug     | New      | Normal   | Bad docs   |                 | 10/25/2012 01:33 AM |
| 19930 | Fermi Redmine                                  | Feature | New      | Normal   | bash code highlighting in wikis  |                 | 05/11/2018 12:13 PM |
| 9127  | Monitoring check_mk                            | Task    | Resolved | Normal   | bastion host monitoring with check_mk                                      | Tim Skirvin     | 06/11/2015 03:19 PM |
| 8558  | VME Intensity Monitor                          | Bug     | Feedback | Normal   | BBB devices are returning stale data                                       | John Diamond    | 06/09/2015 02:30 PM |
| 8559  | VME Intensity Monitor                          | Feature | New      | Normal   | BBB standard deviation device  |                 | 05/01/2015 09:15 AM |
| 14280 | VME Intensity Monitor                          | Task    | Assigned | Normal   | BBM for R:TOR703   | John Diamond    | 10/26/2016 10:42 AM |
| 15296 | VME BPM  | Task    | Assigned | Normal   | BBM Interface  | John Diamond    | 01/27/2017 03:00 PM |
| 16220 | Elog   | Feature | New      | Low      | Be able to restrcit viewing privileges for some elog users                 | Kyle Hazelwood  | 04/17/2017 11:19 AM |
| 23910 | DPM  | Feature | Assigned | Normal   | Be able to return the return status from acnet setting to erlang requestor | Dennis Nicklaus | 01/16/2020 09:57 AM |
| 8303  | Recycler Tune Control Application (PA4208, R2) | Idea    | New      | Normal   | Beam-Compensation current limit  |                 | 04/11/2015 10:02 PM |

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