

## Issues

| #     | Project                 | Tracker            | Status   | Priority | Subject   | Assignee            | Updated             |
|-------|-------------------------|--------------------|----------|----------|---|---------------------|---------------------|
| 11220 | gm2planning             | Task               | New      | Normal   | Calorimeter behavior validated  | Aaron Fienberg      | 12/18/2015 12:42 AM |
| 13726 | FLORA                   | Task               | New      | Normal   | ROIC00_Milestone4   | Abderrezak Mekkaoui | 08/31/2016 11:48 AM |
| 13723 | FLORA                   | Task               | New      | Normal   | ROIC00_Milestone1   | Abderrezak Mekkaoui | 08/31/2016 11:44 AM |
| 13725 | FLORA                   | Task               | New      | Normal   | ROIC00_Milestone3   | Abderrezak Mekkaoui | 08/31/2016 11:47 AM |
| 13724 | FLORA                   | Task               | New      | Normal   | ROIC00_Milestone2   | Abderrezak Mekkaoui | 08/31/2016 11:45 AM |
| 13708 | FLORA                   | Task               | New      | Normal   | Tech selection  | Abderrezak Mekkaoui | 08/31/2016 11:41 AM |
| 13731 | FLORA                   | Task               | New      | Normal   | ROIC01_Milestone1   | Abderrezak Mekkaoui | 08/31/2016 03:58 PM |
| 14790 | uBooNE Production       | Production Request | Feedback | High     | ana trees for in time sample  | Adam Lister         | 12/15/2016 09:01 AM |
| 3006  | artg4                   | Bug                | New      | Normal   | Needs Geant4/   | Adam Lyon           | 10/13/2012 02:14 AM |
| 3112  | artg4 Geant N02 example | Bug                | Assigned | Normal   | Download link not accessible  | Adam Lyon           | 11/08/2012 03:48 PM |
| 3070  | incrWeave               | Bug                | New      | Normal   | Review request<br>[commit:5ff351575cdef7dfef47cdb10223aad22ac99fe1: Typo and fix ext default for latex] | Adam Lyon           | 10/25/2012 01:32 AM |
| 3012  | artg4                   | Feature            | Assigned | Normal   | Add a constructor for DetectorBase to take just the parameter set                                       | Adam Lyon           | 10/14/2012 11:54 AM |
| 3001  | artg4                   | Feature            | Accepted | Normal   | Add skeleton services for convenience   | Adam Lyon           | 10/13/2012 02:44 AM |
| 11203 | gm2planning             | Task               | New      | Normal   | Release v6_04_00  | Adam Lyon           | 12/18/2015 12:19 AM |
| 11197 | gm2planning             | Task               | Assigned | Normal   | Merge latest code into develop from artg4, gm2ringsim, gm2geom, gm2dataproducs                          | Adam Lyon           | 12/18/2015 12:55 AM |
| 11211 | gm2planning             | Task               | New      | Normal   | Integrate latest versions of g-2 code for MDC-0   | Adam Lyon           | 12/18/2015 12:36 AM |
| 11208 | gm2planning             | Task               | New      | Normal   | Integrate latest versions of art and externals  | Adam Lyon           | 12/18/2015 12:33 AM |
| 11209 | gm2planning             | Task               | New      | Normal   | Release v8_00_00  | Adam Lyon           | 12/18/2015 12:32 AM |
| 11206 | gm2planning             | Task               | New      | Normal   | Make v7 series point release from v6_03_00  | Adam Lyon           | 12/18/2015 12:25 AM |
| 11198 | gm2planning             | Task               | New      | Normal   | Release v6_02_00  | Adam Lyon           | 12/18/2015 12:15 AM |
| 11199 | gm2planning             | Task               | New      | Normal   | Move data products in gm2ringsim into gm2dataproducs  | Adam Lyon           | 12/18/2015 12:16 AM |
| 11193 | gm2planning             | Task               | Assigned | Normal   | Standardize build scripts   | Adam Lyon           | 12/17/2015 11:57 PM |
| 11192 | gm2planning             | Task               | Assigned | Normal   | Check that g-2 anomaly comes from gm2constants  | Adam Lyon           | 12/17/2015 11:54 PM |
| 11200 | gm2planning             | Task               | New      | Normal   | Integrate gm2util, gm2track, gm2calo, etc   | Adam Lyon           | 12/18/2015 12:17 AM |
| 11205 | gm2planning             | Task               | New      | Normal   | Release v7_00_00  | Adam Lyon           | 12/18/2015 12:21 AM |
| 11210 | gm2planning             | Task               | Assigned | Normal   | Make v8 series point release using v7_01_00   | Adam Lyon           | 12/18/2015 12:35 AM |
| 11223 | gm2planning             | Task               | New      | Normal   | Integrate Root 6  | Adam Lyon           | 12/18/2015 12:46 AM |
| 11196 | gm2planning             | Task               | Assigned | Normal   | Release ParaView and Catalyst Live into CVMFS   | Adam Lyon           | 12/17/2015 11:59 PM |

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|-------|--------------------------------|---------|------------------|----------|---|----------------------|---------------------|
| 11202 | gm2planning                    | Task    | New              | Normal   | Integrate latest versions of g-2 code for MDC-0   | Adam Lyon            | 12/18/2015 12:18 AM |
| 11201 | gm2planning                    | Task    | New              | Normal   | Release v6_03_00  | Adam Lyon            | 12/18/2015 12:17 AM |
| 1622  | NOvA Global Trigger            | Support | Assigned         | Normal   | Doxygen tags needed   | Adam Moren           | 08/08/2011 03:23 AM |
| 1625  | NOvA Global Trigger            | Bug     | Assigned         | Low      | GT signal trapping  | Alec Habig           | 08/08/2011 03:34 AM |
| 1624  | NOvA Global Trigger            | Feature | Resolved         | Normal   | Long Triggers   | Alec Habig           | 09/13/2011 11:05 AM |
| 1623  | NOvA Global Trigger            | Feature | Assigned         | Normal   | Allow multiple trigger instances  | Alec Habig           | 08/08/2011 03:28 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 |
| 3474  | Enstore                        | Bug     | Assigned         | Normal   | Review request [commit:HEAD-20130214-195250: rb 641: refactor indentation in init() to get rid of mixed tabs. It fixes changes in logic.] | Alex Kulyavtsev      | 02/14/2013 02:07 PM |
| 3475  | Enstore                        | Bug     | New              | Normal   | no subj   | Alex Kulyavtsev      | 02/14/2013 04:46 PM |
| 3473  | Enstore                        | Bug     | Assigned         | Normal   | Review request [commit:HEAD-20130214-195250: rb 641: refactor indentation in init() to get rid of mixed tabs. It fixes changes in logic.] | Alex Kulyavtsev      | 02/14/2013 02:05 PM |
| 4727  | Enstore                        | Feature | New              | Normal   | convert enstore-core code in cvs repository to git  | Alex Kulyavtsev      | 09/27/2013 05:34 PM |
| 4698  | Enstore                        | Feature | Resolved         | Normal   | modify mod_config script to work with git   | Alex Kulyavtsev      | 09/26/2013 04:12 PM |
| 4726  | Enstore                        | Feature | New              | Normal   | convert enstore code in cvs repository to git   | Alex Kulyavtsev      | 09/27/2013 05:25 PM |
| 9954  | NOvA Production                | Feature | Assigned         | Normal   | Out-of-date Getting Help pages  | Alexander Himmel     | 09/15/2015 01:57 PM |
| 4756  | Enstore                        | Bug     | Assigned         | Normal   | more review   | Alexander Moibenko   | 10/03/2013 03:20 PM |
| 4754  | Enstore                        | Bug     | New              | Normal   | review on line 362  | Alexander Moibenko   | 10/03/2013 03:15 PM |
| 4751  | Enstore                        | Bug     | Assigned         | Normal   | c1  | Alexander Moibenko   | 10/03/2013 03:18 PM |
| 4752  | Enstore                        | Bug     | New              | Normal   | c2  | Alexander Moibenko   | 10/03/2013 01:07 PM |
| 4755  | Enstore                        | Bug     | Feedback         | Normal   | review on line 363  | Alexander Moibenko   | 10/03/2013 03:17 PM |
| 327   | File Aggregation               | Bug     | Assigned         | Normal   | disk mover  | Alexander Moibenko   | 09/12/2012 12:00 PM |
| 4319  | File Aggregation               | Feature | New              | Normal   | Scale SFA   | Alexander Moibenko   | 07/26/2013 10:18 AM |
| 2608  | SOFTWARE                       | Bug     | New              | Normal   | Validation of R2.9 vs. R2.0.7   | Alexander Radovic    | 03/29/2012 11:17 AM |
| 18025 | LArSoft                        | Bug     | Work in progress | Normal   | Need of update translation of GENIE interaction type  | Andrea Falcone       | 08/12/2020 01:57 PM |
| 5335  | ATC                            | Feature | New              | Normal   | Request for a new feature.  | Andreas Papadopoulos | 02/04/2014 12:30 PM |
| 4832  | ATC                            | Feature | Assigned         | Normal   | filter & LC fits optimized visibility   | Andreas Papadopoulos | 10/27/2013 07:52 PM |
| 6450  | DataCenter Temperature Monitor | Feature | New              | Normal   | Improve trend charts  | Andres Rivero        | 06/11/2014 01:49 PM |
| 6447  | DataCenter Temperature Monitor | Feature | New              | High     | Threshold configuration tool  | Andres Rivero        | 06/11/2014 01:46 PM |

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|-------|--------------------------------|-----------|----------|----------|--|------------------|---------------------|
| 6448  | DataCenter Temperature Monitor | Feature   | New      | High     | Create GIT repository for codebase.                          | Andres Rivero    | 06/11/2014 01:44 PM |
| 6449  | DataCenter Temperature Monitor | Feature   | New      | Normal   | Export historical data to Excel                              | Andres Rivero    | 06/11/2014 01:45 PM |
| 6451  | DataCenter Temperature Monitor | Feature   | New      | Normal   | New User Interface   | Andres Rivero    | 06/11/2014 01:48 PM |
| 9095  | dcpower                        | Milestone | New      | Normal   | Controller   | Andres Rivero    | 07/01/2015 02:03 PM |
| 9096  | dcpower                        | Milestone | New      | Normal   | User Interface   | Andres Rivero    | 07/28/2015 03:41 PM |
| 9094  | dcpower                        | Milestone | New      | Normal   | LQCD Data Feed   | Andres Rivero    | 07/01/2015 02:01 PM |
| 9093  | dcpower                        | Milestone | New      | Normal   | GRID data feed   | Andres Rivero    | 07/01/2015 01:59 PM |
| 9091  | dcpower                        | Milestone | New      | Normal   | DBI (Database Interface)                                     | Andres Rivero    | 07/01/2015 02:07 PM |
| 9092  | dcpower                        | Milestone | New      | Normal   | CMS Data Feed  | Andres Rivero    | 07/01/2015 01:58 PM |
| 3752  | BATCH                          | Support   | New      | Normal   | Migrate DBU DataQuality table filling process to near-online | Andrew Blake     | 06/05/2013 03:48 PM |
| 1247  | E-Center                       | Bug       | Assigned | High     | ESnet SNMP MA does not scale                                 | Andrew Lake      | 01/24/2012 02:04 PM |
| 2503  | E-Center                       | Feature   | Assigned | Normal   | BWCTL on-demand service deployment at ESnet                  | Andrew Lake      | 02/20/2012 01:26 PM |
| 2502  | E-Center                       | Feature   | Assigned | Normal   | BWCTL on-demand API  | Andrew Lake      | 02/20/2012 01:24 PM |
| 3480  | Control Room Software          | Bug       | Resolved | Normal   | Update window manager software to move from KDE to GNOME     | Andrew Norman    | 03/21/2013 02:04 PM |
| 10373 | NOvA DAQ Cluster - Far Det     | Bug       | New      | Normal   | I can't edit power pages and they are out of date            | Andrew Norman    | 10/01/2015 05:51 PM |
| 2791  | NOvA DAQ Cluster - Far Det     | Bug       | Resolved | Urgent   | Far Detector Network and/or DAQ Nodes are screwed up         | Andrew Norman    | 07/12/2012 04:25 PM |
| 2822  | NOvA DAQ Cluster - Far Det     | Bug       | Resolved | Normal   | novadaq-far-farm-42  | Andrew Norman    | 01/22/2013 04:05 PM |
| 2821  | NOvA DAQ Cluster - Far Det     | Bug       | Resolved | Normal   | novadaq-far-msglogger  | Andrew Norman    | 07/12/2012 04:24 PM |
| 3525  | NOvA Data Quality Monitoring   | Bug       | Resolved | Normal   | Need GDB on nearline   | Andrew Norman    | 02/25/2013 10:07 AM |
| 3766  | NOvA File Transfer System      | Bug       | Accepted | Normal   | Tune scheduling of the far det raids                         | Andrew Norman    | 04/25/2013 12:07 PM |
| 1066  | NOvA Operations                | Bug       | New      | High     | DCM stops reporting to Run Control                           | Andrew Norman    | 04/17/2011 09:55 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 |
| 2795  | NOvA DAQ Cluster - Far Det     | Feature   | Resolved | Normal   | Document cluster manangement utilities                       | Andrew Norman    | 01/22/2013 04:05 PM |
| 3523  | NOvA Data Quality Monitoring   | Support   | Resolved | Normal   | X11 on datamon   | Andrew Norman    | 02/25/2013 01:00 PM |
| 4784  | BATCH                          | Support   | New      | Normal   | Online monitoring web tool and plots                         | Andrew Perch     | 10/10/2013 11:46 AM |
| 1477  | Synoptic                       | Feature   | Assigned | Normal   | Refurbish interface to the messaging system.                 | Andrey Petrov    | 08/11/2011 11:24 AM |
| 1633  | Synoptic                       | Feature   | Resolved | Normal   | Implement parameter dialog in the builder.                   | Andrey Petrov    | 02/24/2012 09:09 AM |
| 1478  | Synoptic                       | Feature   | Assigned | Normal   | Improve the connection dialog.                               | Andrey Petrov    | 08/11/2011 11:24 AM |
| 13893 | Supernova Analysis             | Bug       | New      | Normal   | Study houghtracker inefficiencies                            | Andrey Sheshukov | 09/20/2016 03:29 PM |
| 9846  | Supernova Analysis             | Bug       | Resolved | Normal   | Delay in SuperNova data processing                           | Andrey Sheshukov | 09/20/2016 03:06 PM |

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| 13892 | Supernova Analysis                    | Feature   | Resolved         | Normal   | Read/write NoiseHitMap from a file  | Andrey Sheshukov   | 09/27/2016 05:46 PM |
| 18714 | Supernova Analysis                    | Support   | Work in progress | Normal   | Study the data saved by the SN trigger  | Andrey Sheshukov   | 01/10/2018 03:58 PM |
| 4293  | Simulation Pipeline                   | Bug       | New              | Normal   | IndexError in Cosmo   | Andrina Nicola     | 07/04/2013 08:12 AM |
| 17095 | LArSoft                               | Bug       | Assigned         | Normal   | Floating point divide by zero in ClusterParamsAlg::RefineDirection                              | Andrzej Szcelc     | 07/10/2017 10:36 AM |
| 19343 | LArSoft                               | Bug       | Feedback         | Normal   | Hit finding at the edge of a waveform gives inconsistent results                                | Andrzej Szcelc     | 05/30/2018 12:04 PM |
| 8059  | uBooNE DAQ                            | Feature   | New              | High     | populate the runConfig db   | Andrzej Szcelc     | 03/11/2015 12:36 AM |
| 12883 | SBND code                             | Task      | New              | Normal   | Modify the repository code to have SBND in lieu of LAr1ND                                       | Andrzej Szcelc     | 11/01/2017 04:06 PM |
| 23541 | sbndaq                                | Task      | New              | High     | Verify ICARUS PMT readout configuration and test  | Animesh Chatterjee | 11/06/2019 09:07 AM |
| 15354 | gm2calo                               | Task      | New              | High     | Intra-fill SiPM gain correction, inter-fill SiPM gain correction, laser fluctuation corrections | Anna Driutti       | 01/28/2017 02:46 PM |
| 18596 | Dune Production                       | Task      | Assigned         | Normal   | Version code to use for MCC10 production.   | Anna Mazzacane     | 12/20/2017 03:06 PM |
| 20194 | ICARUS production                     | Task      | Assigned         | High     | POMS and fife_utils documentation   | Anna Mazzacane     | 06/19/2018 10:38 AM |
| 12558 | Offline Production Operations Service | Task      | Assigned         | Normal   | Training post docs for production processing.   | Anna Mazzacane     | 05/06/2016 05:38 PM |
| 12560 | Offline Production Operations Service | Task      | Assigned         | Normal   | Decrease Vito's involvement in job submission.  | Anna Mazzacane     | 05/06/2016 05:44 PM |
| 12559 | Offline Production Operations Service | Task      | Assigned         | Normal   | Decrease OPOS involvement in job submission.  | Anna Mazzacane     | 05/06/2016 05:41 PM |
| 12557 | Offline Production Operations Service | Task      | New              | Normal   | Identify postdocs for production.   | Anna Mazzacane     | 05/06/2016 05:34 PM |
| 12555 | Offline Production Operations Service | Task      | Assigned         | Normal   | OPOS Ramp Down Plan   | Anna Mazzacane     | 05/06/2016 05:44 PM |
| 12556 | Offline Production Operations Service | Task      | Assigned         | Normal   | Communicate with the experiments the upcoming OPOS changes.                                     | Anna Mazzacane     | 05/06/2016 05:31 PM |
| 22784 | project-py                            | Task      | New              | Normal   | Organize uboone analysis meeting  | Anna Mazzacane     | 06/20/2019 02:51 PM |
| 22783 | project-py                            | Task      | New              | Normal   | Testing with uboone analysis job that has more than one stages that have dependency             | Anna Mazzacane     | 06/20/2019 02:48 PM |
| 3556  | GlideinWMS                            | Bug       | Assigned         | Normal   | For partitionable slots, VOFE will stop too early   | Anthony Tiradani   | 04/29/2013 01:24 PM |
| 3799  | GlideinWMS                            | Bug       | New              | Normal   | glidecondor_upgrade attempts to perform an upgrade even with invalid arguments                  | Anthony Tiradani   | 05/10/2013 11:41 AM |
| 4899  | GlideinWMS                            | Bug       | Assigned         | Normal   | Cloud environment doesn't source profile.d  | Anthony Tiradani   | 09/28/2019 10:25 AM |
| 4684  | GlideinWMS                            | Feature   | New              | Normal   | Advertise EC2 info in the startd classads   | Anthony Tiradani   | 09/28/2019 10:25 AM |
| 4680  | GlideinWMS                            | Feature   | Assigned         | Low      | Quantize glidein shutdown times in the cloud  | Anthony Tiradani   | 09/24/2013 02:45 PM |
| 2181  | GlideinWMS                            | Idea      | New              | Normal   | Get Pilot logs back to the factory from an EC2 VM   | Anthony Tiradani   | 09/28/2019 10:24 AM |
| 17871 | FIFE                                  | Milestone | New              | Normal   | Provide Container Building service  | Anthony Tiradani   | 01/22/2019 02:42 PM |

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|-------|-------------------------|---------|------------------|-----------|---|---------------------|---------------------|
| 9139  | Monitoring check_mk     | Task    | New              | Normal    | frontier/squid monitoring with check_mk                     | Anthony Tiradani    | 06/11/2015 03:12 PM |
| 9142  | Monitoring check_mk     | Task    | New              | Normal    | rsv monitoring with check_mk                                | Anthony Tiradani    | 06/11/2015 03:13 PM |
| 9138  | Monitoring check_mk     | Task    | New              | Normal    | cvdfs monitoring with check_mk                              | Anthony Tiradani    | 06/11/2015 03:12 PM |
| 9143  | Monitoring check_mk     | Task    | New              | Normal    | gridadmin monitoring with check_mk                          | Anthony Tiradani    | 06/11/2015 03:13 PM |
| 9135  | Monitoring check_mk     | Task    | New              | Normal    | jobsub monitoring with check_mk                             | Anthony Tiradani    | 06/11/2015 03:12 PM |
| 9178  | Retire SLF5             | Task    | Resolved         | Normal    | Retire cmsrrv26 + cmsstor24 (ROCKS head nodes)              | Anthony Tiradani    | 10/11/2016 08:57 AM |
| 9165  | Retire SLF5             | Task    | Resolved         | Normal    | Retire cmsbproxy01 + cmsbproxy02                            | Anthony Tiradani    | 09/20/2016 11:45 AM |
| 9167  | Retire SLF5             | Task    | Resolved         | Normal    | Retire cmsrrv03   | Anthony Tiradani    | 10/11/2016 08:56 AM |
| 9179  | Retire SLF5             | Task    | Work in progress | Normal    | reshoot cmslpc28-35, cmslpc42                               | Anthony Tiradani    | 09/19/2016 10:09 AM |
| 23717 | sbndaq                  | Feature | Assigned         | Normal    | Save CRT configuration in human readable format             | Antoni Aduszkiewicz | 12/05/2019 12:25 PM |
| 23592 | sbndaq                  | Idea    | New              | Low       | Implement doxygen capabilities                              | Antoni Aduszkiewicz | 11/12/2019 04:33 PM |
| 24369 | artdaq Utilities        | Bug     | Reviewed         | Normal    | Channel names from Epics_metric are incompatible with Epics | Antonio Gioiosa     | 05/01/2020 10:34 AM |
| 24745 | Mu2e otsdaq             | Bug     | New              | Normal    | PV removed when added after switch to Live mode             | Antonio Gioiosa     | 08/11/2020 06:28 AM |
| 10518 | uBooNE Detector Physics | Task    | Assigned         | Normal    | T0 Extraction   | Ariana Hackenburg   | 02/08/2016 11:04 AM |
| 13425 | uBooNE Reconstruction   | Task    | New              | Normal    | Shower Reconstruction - OpenCV tasks                        | Ariana Hackenburg   | 09/01/2016 04:54 PM |
| 5409  | ADMIN                   | Bug     | New              | Normal    | Testing Service Now text entry issue, INC00000404116        | Arthur Kreymer      | 02/10/2014 05:18 PM |
| 2032  | RMS                     | Bug     | New              | Normal    | Fermilab OM ports busy                                      | Arthur Kreymer      | 10/18/2011 04:29 PM |
| 8139  | ADMIN                   | Feature | Assigned         | Normal    | NAS-HOME testing  | Arthur Kreymer      | 10/23/2015 11:11 AM |
| 8304  | MINOS                   | Feature | Accepted         | High      | FTS for use with Roundup                                    | Arthur Kreymer      | 06/23/2015 10:05 AM |
| 5209  | SAM-MAIN                | Feature | New              | Urgent    | report dataset state on dcache disk                         | Arthur Kreymer      | 01/23/2014 10:13 AM |
| 3360  | SAM-MAIN                | Feature | New              | Normal    | Workbook example  | Arthur Kreymer      | 01/03/2014 03:18 PM |
| 10920 | ADMIN                   | Support | New              | Urgent    | move www-numi minos pages to /web/sites/minos.fnal.gov      | Arthur Kreymer      | 01/06/2016 10:31 AM |
| 10919 | ADMIN                   | Support | Work in progress | Normal    | move /nusoft/app/htdoc/minos to /web/sites/minos.fnal.gov   | Arthur Kreymer      | 09/19/2020 10:48 PM |
| 5392  | ADMIN                   | Support | New              | High      | remove /pnfs/minos group write permissions                  | Arthur Kreymer      | 02/08/2014 03:43 PM |
| 5277  | ADMIN                   | Support | New              | Normal    | minoscvcs deployment  | Arthur Kreymer      | 01/27/2014 05:40 PM |
| 3590  | ADMIN                   | Support | New              | Normal    | Move /minos/app data files                                  | Arthur Kreymer      | 11/26/2014 10:55 PM |
| 20862 | ANNIE                   | Support | New              | Normal    | annie-daq02 cleanup for Sep 2018 reinstall                  | Arthur Kreymer      | 09/21/2018 03:41 PM |
| 20592 | ANNIE                   | Support | Assigned         | Low       | shared account logging for annieraw, anniepro               | Arthur Kreymer      | 08/11/2018 06:27 PM |
| 17603 | ANNIE                   | Support | Resolved         | Immediate | Remove persistent v3data for space                          | Arthur Kreymer      | 08/28/2017 03:10 PM |
| 17621 | ANNIE                   | Support | Work in progress | Normal    | Annie internal web pages to https://anniedata.fnal.gov      | Arthur Kreymer      | 01/25/2018 07:22 AM |

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|-------|-------------|---------|------------------|-----------|---|----------------|---------------------|
| 18589 | ANNIE       | Support | Work in progress | Normal    | Configure /cvmfs/annie.opensciencegrid.org  | Arthur Kreymer | 03/10/2018 07:55 AM |
| 17962 | ANNIE       | Support | Resolved         | Normal    | archive v5data/0248 to 0252   | Arthur Kreymer | 10/27/2017 02:38 PM |
| 21624 | ANNIE       | Support | New              | Low       | Annie ECL local password removal  | Arthur Kreymer | 01/04/2019 10:52 AM |
| 13452 | BATCH       | Support | New              | High      | Move Production *cat files from /minos/data to dCache                               | Arthur Kreymer | 08/04/2016 10:39 PM |
| 5397  | BATCH       | Support | New              | High      | Remove /minos/data/reco_near and reco_far from Bluearc                              | Arthur Kreymer | 02/13/2014 08:48 AM |
| 6086  | BATCH       | Support | Assigned         | Normal    | Minos candidate file removal  | Arthur Kreymer | 04/11/2015 07:51 AM |
| 3455  | CONTROLROOM | Support | Assigned         | Normal    | minos-evd-02 commissioning  | Arthur Kreymer | 02/26/2013 03:44 PM |
| 3145  | CONTROLROOM | Support | New              | Normal    | Use new lenovo workstations   | Arthur Kreymer | 11/27/2012 10:40 AM |
| 17295 | MINOS       | Support | Work in progress | High      | move dbu tables from offline_dev to offline   | Arthur Kreymer | 08/07/2017 03:24 PM |
| 16787 | MINOS       | Support | Work in progress | Low       | remove unused Minos Mysql accounts  | Arthur Kreymer | 06/18/2017 04:47 PM |
| 24326 | MINOS       | Support | Work in progress | High      | Migrating from SL 6 to SL 7   | Arthur Kreymer | 08/31/2020 08:55 AM |
| 21812 | MINOS       | Support | Assigned         | Normal    | MINOS Bluearc file cleanup  | Arthur Kreymer | 03/25/2019 09:27 AM |
| 6906  | MINOS       | Support | Assigned         | Normal    | INC000000435173 08/14 hendry - recycle 127 Minos LTO tapes                          | Arthur Kreymer | 09/02/2014 02:32 PM |
| 15579 | MINOS       | Support | Work in progress | Immediate | /grid/fermiapp minos quota  | Arthur Kreymer | 02/23/2017 12:15 PM |
| 13929 | MINOS       | Support | Assigned         | High      | Move mcimport to dCache   | Arthur Kreymer | 09/24/2016 09:06 AM |
| 15856 | MINOS       | Support | Work in progress | Normal    | Test ifdb04 for 2017/03/16 deployment   | Arthur Kreymer | 03/15/2017 11:48 AM |
| 14301 | ups         | Support | Accepted         | Low       | FNKITS cleanup carryover  | Arthur Kreymer | 04/25/2017 04:40 PM |
| 5740  | ADMIN       | Idea    | Accepted         | Normal    | Minos Windows to Linux survey   | Arthur Kreymer | 03/26/2014 12:51 PM |
| 3359  | SAM-MAIN    | Idea    | New              | Normal    | SAMWeb documentation  | Arthur Kreymer | 01/03/2014 03:19 PM |
| 15595 | ANNIE       | Task    | Assigned         | Normal    | SAM onboarding  | Arthur Kreymer | 01/25/2018 07:25 AM |
| 15475 | ANNIE       | Task    | Resolved         | High      | Remove v2data runs converted to v5data  | Arthur Kreymer | 08/31/2017 08:39 AM |
| 15476 | ANNIE       | Task    | Resolved         | High      | Remove from persistent runs <= 247  | Arthur Kreymer | 08/31/2017 08:37 AM |
| 14890 | ANNIE       | Task    | Resolved         | High      | remove older files from /pnfs/annie/persistent/raw                                  | Arthur Kreymer | 01/05/2017 09:41 AM |
| 24237 | DPM         | Bug     | New              | Normal    | JavaScript Data Logger Data Doesn't have Timestamps                                 | Beau Harrison  | 03/27/2020 08:08 AM |
| 24184 | DPM         | Bug     | New              | Normal    | The gssapi library is not available in Windows                                      | Beau Harrison  | 03/13/2020 01:07 PM |
| 24377 | DPM         | Bug     | Assigned         | Normal    | Alarm Limits Don't Convey Nom/Tol   | Beau Harrison  | 05/06/2020 03:41 PM |
| 23481 | DPM         | Bug     | New              | Normal    | No Info on Data Callback  | Beau Harrison  | 10/28/2019 07:56 PM |
| 24240 | DPM         | Bug     | New              | Normal    | Update JavaScript DPM Client to conform to new practices and remove deprecated code | Beau Harrison  | 03/27/2020 09:31 AM |

| #     | Project                                   | Tracker   | Status    | Priority | Subject  | Assignee           | Updated             |
|-------|---|-----------|-----------|----------|--|--------------------|---------------------|
| 21154 | Page                                      | Bug       | New       | Low      | There are no window controls   | Beau Harrison      | 10/15/2018 02:06 PM |
| 21155 | Page                                      | Bug       | New       | Normal   | Unable to launch from SLF7   | Beau Harrison      | 10/15/2018 02:09 PM |
| 21874 | TIMEAV                                    | Bug       | Remission | Normal   | Device Reading NaN   | Beau Harrison      | 02/18/2019 08:20 AM |
| 23421 | Web App Framework                         | Bug       | New       | Normal   | ACNET Connection Retries are too Aggressive  | Beau Harrison      | 10/14/2019 02:10 PM |
| 23602 | ACNET Service                             | Feature   | New       | Normal   | ACNETD Local Config for Nodes  | Beau Harrison      | 11/14/2019 11:24 AM |
| 24051 | DPM                                       | Feature   | New       | Normal   | Python Package   | Beau Harrison      | 02/13/2020 08:59 AM |
| 23996 | DPM                                       | Feature   | New       | Normal   | Lazy Load gssapi Module for Python Client  | Beau Harrison      | 02/04/2020 08:04 AM |
| 24376 | Protocol Compiler                         | Feature   | New       | Normal   | Scapy Network Message Monitor  | Beau Harrison      | 05/05/2020 08:35 AM |
| 21156 | RadMon                                    | Feature   | New       | High     | Restrict users from being able to reset the safety system                                    | Beau Harrison      | 10/15/2018 03:10 PM |
| 21791 | TIMEAV                                    | Feature   | New       | Normal   | Lifetime calculation for electron beam   | Beau Harrison      | 02/18/2019 08:39 AM |
| 23335 | DPM                                       | Idea      | New       | Normal   | Merge master-py3 to master branch  | Beau Harrison      | 09/26/2019 10:35 AM |
| 21843 | AD ESH Department, Interlocks Group       | Task      | New       | Normal   | Understand AART Code   | Beau Harrison      | 02/05/2019 09:09 AM |
| 8859  | uBoone Operations                         | Support   | New       | Normal   | Cryogenics Monitoring  | Ben Carls          | 05/18/2015 01:54 PM |
| 8858  | uBoone Operations                         | Support   | New       | Normal   | Calibration Monitoring   | Ben Carls          | 05/18/2015 01:52 PM |
| 3870  | Dark Energy Spectroscopic Survey [DESpec] | Bug       | Assigned  | High     | galaxy tile ids  | Ben Hambrecht      | 05/14/2013 05:36 PM |
| 3729  | Dark Energy Spectroscopic Survey [DESpec] | Support   | Assigned  | High     | Estimate cosmo params: make contours visible   | Ben Hambrecht      | 04/19/2013 11:32 AM |
| 3730  | Dark Energy Spectroscopic Survey [DESpec] | Support   | Assigned  | Normal   | which version of Estimate_Cosmo_Params to use  | Ben Hambrecht      | 04/19/2013 09:04 AM |
| 7916  | SuperCDMS                                 | Bug       | Resolved  | Normal   | test bug   | Ben Loer           | 03/02/2015 03:00 PM |
| 22856 | PlotUtils Management                      | Feature   | Resolved  | Normal   | Add xrootd compatibility to PU::ChainWrapper   | Benjamin Messerly  | 07/11/2019 06:59 PM |
| 23175 | PlotUtils Management                      | Task      | New       | Normal   | For merging data antuples, MergeTool should merge all runs for a playlist into a single file | Benjamin Messerly  | 08/27/2019 11:27 AM |
| 24151 | ANNIE                                     | Support   | New       | Normal   | ANNIE 2020 computing request   | Benjamin Richards  | 05/06/2020 07:43 AM |
| 11347 | ANNIE1-electronics-design                 | Task      | New       | Normal   | DAQ monitoring system  | Benjamin Richards  | 01/05/2016 08:21 AM |
| 11346 | ANNIE1-electronics-design                 | Task      | Resolved  | Normal   | DAQ Control systems  | Benjamin Richards  | 01/15/2016 08:07 AM |
| 11351 | ANNIE1-electronics-design                 | Task      | Assigned  | Normal   | DAQ output TOOL  | Benjamin Richards  | 01/15/2016 08:03 AM |
| 11343 | ANNIE1-electronics-design                 | Task      | Resolved  | Normal   | DAQ Bool functions /status reporting   | Benjamin Richards  | 01/15/2016 08:08 AM |
| 11342 | ANNIE1-electronics-design                 | Task      | Resolved  | Normal   | DAQ ZMQ/multicast integration  | Benjamin Richards  | 01/15/2016 08:07 AM |
| 11344 | ANNIE1-electronics-design                 | Task      | Resolved  | Normal   | DAQ Jason (lite) messgae passing   | Benjamin Richards  | 01/15/2016 08:09 AM |
| 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 |
| 4838  | MicroBooNE DAQ Computers                  | Milestone | Remission | Normal   | Set up ACS in LArTF  | Bonnie King        | 01/24/2014 11:25 AM |

| #     | Project                                   | Tracker   | Status   | Priority | Subject  | Assignee       | Updated             |
|-------|---|-----------|----------|----------|--|----------------|---------------------|
| 18003 | LArSoft                                   | Bug       | Assigned | Normal   | lariov::SIOVChannelStatusProvider depends on art                                   | Brandon Eberly | 06/25/2018 10:47 AM |
| 17231 | uBooNE code                               | Bug       | Resolved | Normal   | Hits data product size change in continuous integration testing                    | Brandon Eberly | 08/01/2017 03:42 PM |
| 16264 | Fermi File Transfer Service               | Feature   | Resolved | Normal   | Change to use standard python packaging instead of ups                             | Brandon White  | 05/19/2017 02:27 PM |
| 16290 | Fermi File Transfer Service               | Feature   | Resolved | Normal   | Get working on SLF7  | Brandon White  | 05/19/2017 02:26 PM |
| 16691 | Fermi File Transfer Service               | Feature   | Assigned | Normal   | Use FTS3 for file transfers  | Brandon White  | 07/19/2017 01:21 PM |
| 17890 | SAM Web services                          | Feature   | Assigned | Normal   | Add support for VOMS proxies and GUMS/FERRY  | Brandon White  | 11/06/2017 02:10 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 |
| 6374  | LBNF Beam Simulation                      | Bug       | New      | Normal   | G4 data files are not installed by worch configuration used to build g4lbne        | Brett Viren    | 05/29/2014 03:46 PM |
| 5076  | ORKA ILCroot                              | Bug       | New      | Normal   | v1-0-0 doesn't exist   | Brett Viren    | 12/11/2013 02:47 PM |
| 5670  | ORKA ILCroot                              | Bug       | New      | Normal   | ROOT lacks GDML support  | Brett Viren    | 03/17/2014 01:34 PM |
| 19498 | LArSoft                                   | Support   | Resolved | Normal   | building larwirecell with c2   | Brett Viren    | 03/26/2018 04:56 PM |
| 5077  | ORKA ILCroot                              | Milestone | New      | Normal   | v1-0-0 versions  | Brett Viren    | 12/17/2013 04:08 PM |
| 13413 | uBooNE Reconstruction                     | Task      | New      | Normal   | Integration of wire-cell into the LArSoft reconstruction chain                     | Brett Viren    | 08/02/2016 06:20 PM |
| 24740 | PIP II IT SSR1                            | Milestone | New      | Normal   | Ready for RF testing and calibration   | Brian Chase    | 08/10/2020 09:21 AM |
| 24916 | PIP II IT SSR1                            | Milestone | New      | Normal   | Moving forward with SSR1 firmware and software                                     | Brian Chase    | 09/05/2020 11:22 AM |
| 23588 | PIP-II IT HWR                             | Task      | New      | High     | Develop the requirements traceability spreadsheet                                  | Brian Chase    | 11/12/2019 02:45 PM |
| 19567 | Elog                                      | Bug       | New      | Normal   | Link button won't close  | Brian Drendel  | 04/05/2018 12:41 PM |
| 3875  | Dark Energy Spectroscopic Survey [DESPEC] | Bug       | Resolved | Urgent   | bug in Throughput  | Brian Nord     | 05/15/2013 10:09 AM |
| 4450  | Dark Energy Spectroscopic Survey [DESPEC] | Bug       | New      | Normal   | Selection function doesn't finish with few galaxies                                | Brian Nord     | 07/30/2013 03:53 AM |
| 3531  | Dark Energy Spectroscopic Survey [DESPEC] | Bug       | Assigned | Normal   | throughput params are duplicated in databank                                       | Brian Nord     | 04/18/2013 07:39 AM |
| 3636  | Simulation Pipeline                       | Bug       | New      | Urgent   | k_binspec veers to the left  | Brian Nord     | 04/17/2013 11:38 AM |
| 4768  | Simulation Pipeline                       | Bug       | Resolved | Urgent   | empty array in FA  | Brian Nord     | 10/07/2013 05:14 AM |
| 4580  | Simulation Pipeline                       | Bug       | New      | Urgent   | TileSurvey w/o parallel  | Brian Nord     | 08/26/2013 10:27 AM |
| 4769  | Simulation Pipeline                       | Bug       | New      | Urgent   | fiber selection empty  | Brian Nord     | 10/07/2013 02:08 PM |
| 4578  | Simulation Pipeline                       | Bug       | New      | Urgent   | TileSurvey   | Brian Nord     | 08/26/2013 10:23 AM |
| 4289  | Simulation Pipeline                       | Bug       | New      | Urgent   | Cycle bug in MSR   | Brian Nord     | 07/03/2013 08:29 AM |
| 4104  | Simulation Pipeline                       | Bug       | New      | High     | plotting error in Throughput   | Brian Nord     | 06/14/2013 11:18 AM |
| 3237  | Dark Energy Spectroscopic Survey [DESPEC] | Feature   | Assigned | Normal   | atmospheric absorption adn airmass   | Brian Nord     | 04/18/2013 07:58 AM |



| #     | Project                                   | Tracker | Status   | Priority | Subject   | Assignee       | Updated             |
|-------|---|---------|----------|----------|---|----------------|---------------------|
| 3716  | Simulation Pipeline                       | Feature | Assigned | High     | make plot data group for parameters of showing and making plots during spokes runs        | Brian Nord     | 04/17/2013 11:47 AM |
| 3420  | Simulation Pipeline                       | Support | Assigned | High     | Import of galaxy SED  | Brian Nord     | 04/17/2013 11:06 AM |
| 3731  | Dark Energy Spectroscopic Survey [DESpec] | Idea    | Feedback | High     | re-organizing input parameters  | Brian Nord     | 04/19/2013 09:11 AM |
| 5522  | SeaQuest Distribution                     | Bug     | New      | Normal   | gfortran and g77 comparison   | Brian Tice     | 04/03/2014 08:10 PM |
| 5523  | SeaQuest Distribution                     | Feature | New      | Low      | Upgrade from cernlib/pdflib to lhapdf   | Brian Tice     | 02/26/2014 01:47 PM |
| 5524  | SeaQuest Distribution                     | Feature | New      | Normal   | Allow externals to be shared  | Brian Tice     | 02/26/2014 01:49 PM |
| 5521  | SeaQuest Distribution                     | Feature | Feedback | Normal   | Single install script   | Brian Tice     | 02/27/2014 09:49 AM |
| 5520  | SeaQuest Distribution                     | Feature | New      | Normal   | build modules   | Brian Tice     | 02/26/2014 01:44 PM |
| 17068 | LArSoft                                   | Bug     | Resolved | Normal   | Floating point divide by zero in TrajClusterAlg::UpdateTraj                               | Bruce Baller   | 07/12/2018 11:06 AM |
| 19067 | LArSoft                                   | Bug     | Resolved | Normal   | Trajcluster segfault  | Bruce Baller   | 02/21/2018 10:36 AM |
| 17048 | LArSoft                                   | Bug     | Resolved | Normal   | floating point divide by zero in tca:MCSMom   | Bruce Baller   | 07/12/2018 11:07 AM |
| 24985 | LArSoft                                   | Bug     | Feedback | Normal   | Some missing size checks in TrajClusterAlg::FindJunkTraj                                  | Bruce Baller   | 09/19/2020 01:20 PM |
| 18926 | TrajCluster                               | Bug     | Resolved | Normal   | Segfaut on DUNE event   | Bruce Baller   | 02/10/2018 07:50 PM |
| 18077 | TrajCluster                               | Bug     | Resolved | Normal   | Broken clusters in argoneut   | Bruce Baller   | 10/31/2017 10:00 AM |
| 21556 | TrajCluster                               | Bug     | New      | Normal   | Segfault in DUNE far detector reconstruction  | Bruce Baller   | 12/14/2018 02:41 PM |
| 19935 | TrajCluster                               | Bug     | Resolved | Normal   | Use of std::nearbyint in Utils.cxx  | Bruce Baller   | 05/19/2018 07:04 PM |
| 18269 | TrajCluster                               | Bug     | Resolved | Normal   | Problem with reconstructing microboone event  | Bruce Baller   | 11/20/2017 10:07 AM |
| 13415 | uBooNE Reconstruction                     | Task    | New      | Normal   | Integration of linecluster/trajcluster into the LArSoft reconstruction chain              | Bruce Baller   | 09/13/2016 02:00 PM |
| 24959 | GlideinWMS                                | Bug     | New      | Normal   | Some divisions are actually float, not meant to be integer                                | Bruno Coimbra  | 09/12/2020 11:54 PM |
| 24977 | GlideinWMS                                | Bug     | Feedback | Normal   | Encrypted classad parameter are treating bytes as strings, adding "b"                     | Bruno Coimbra  | 09/17/2020 05:18 AM |
| 18172 | lar_ci                                    | Bug     | Assigned | Low      | Confusing error report for tests with failing dependences                                 | Bruno Coimbra  | 11/29/2017 04:25 PM |
| 20505 | GlideinWMS                                | Feature | New      | Normal   | Consider if the blacklisting script from FIFE can be added as GlideinWMS frontend feature | Bruno Coimbra  | 09/17/2020 02:14 PM |
| 24607 | GlideinWMS                                | Feature | New      | High     | Fix or replace the configuration persistency in creation/lib/*DictFile.py                 | Bruno Coimbra  | 07/09/2020 02:49 PM |
| 24250 | GlideinWMS                                | Feature | Feedback | Normal   | scitoken support - factory schedds to CE's  | Bruno Coimbra  | 03/30/2020 05:42 PM |
| 24553 | GlideinWMS                                | Feature | New      | Normal   | Update "pychirp"  | Bruno Coimbra  | 09/17/2020 02:14 PM |
| 9959  | NOvA Production                           | Feature | Assigned | Normal   | Track memory and runtime over time in production monitoring                               | Bruno Zamorano | 10/13/2015 01:32 PM |
| 9961  | NOvA Production                           | Feature | Assigned | Normal   | Check for out-of-date releases in production monitoring                                   | Bruno Zamorano | 10/13/2015 01:32 PM |
| 9960  | NOvA Production                           | Feature | Assigned | Normal   | Email experts if a problem is identified in production monitoring                         | Bruno Zamorano | 10/13/2015 01:32 PM |
| 9825  | SeaQuest Production                       | Feature | Assigned | Normal   | Geometry databases for the R005 productions   | Bryan Kerns    | 08/14/2015 04:19 PM |

| #    | Project    | Tracker | Status   | Priority | Subject   | Assignee     | Updated             |
|------|------------|---------|----------|----------|---|--------------|---------------------|
| 3125 | GlideinWMS | Bug     | Assigned | Normal   | Rename query_expr and start_expr to *_condor_expr   | Burt Holzman | 04/29/2013 01:50 PM |
| 3792 | GlideinWMS | Bug     | New      | Normal   | Modify wmsXMLView.py to use findGroupWork rather than findWork from glideFactoryInterface | Burt Holzman | 05/08/2013 12:55 PM |
| 4050 | GlideinWMS | Bug     | Assigned | Low      | Factory should handle os.fork() failing   | Burt Holzman | 09/28/2019 10:25 AM |
| 4589 | GlideinWMS | Bug     | New      | Normal   | Init script "restart" action incorrect  | Burt Holzman | 09/28/2019 10:24 AM |
| 4617 | GlideinWMS | Bug     | Assigned | Low      | Race in TERM handling in glideinFrontendElement   | Burt Holzman | 09/28/2019 10:25 AM |
| 4623 | GlideinWMS | Bug     | New      | Normal   | Pilot should reload grid environment between jobs   | Burt Holzman | 10/30/2013 09:50 AM |
| 2944 | GlideinWMS | Bug     | New      | Normal   | Re-organize glidein pilot documentation   | Burt Holzman | 04/29/2013 02:00 PM |
| 2358 | GlideinWMS | Bug     | New      | Low      | Condor for VO Frontend is requesting a cert/proxy, but not using it                       | Burt Holzman | 04/29/2013 01:18 PM |
| 4781 | GlideinWMS | Bug     | Assigned | Low      | Secondary Condor Collectors share address files   | Burt Holzman | 09/28/2019 10:25 AM |
| 4678 | GlideinWMS | Bug     | Assigned | Low      | Glidein reports negative retire times   | Burt Holzman | 09/28/2019 10:25 AM |
| 4339 | GlideinWMS | Bug     | Assigned | Low      | Fix whitespace for analyze_* tools  | Burt Holzman | 07/15/2013 02:14 PM |
| 3628 | GlideinWMS | Bug     | Assigned | Low      | Proxy creation plugin needs to be documented  | Burt Holzman | 04/29/2013 01:18 PM |
| 4460 | GlideinWMS | Bug     | New      | Normal   | Re-architect the way we do logging in factory and frontend                                | Burt Holzman | 10/30/2013 09:50 AM |
| 3075 | GlideinWMS | Bug     | Assigned | Normal   | glideins not properly configuring the shell   | Burt Holzman | 02/27/2014 04:47 PM |
| 4587 | GlideinWMS | Bug     | Assigned | Normal   | OSG: Automate / fix HTCondor-CE issues  | Burt Holzman | 09/28/2019 10:25 AM |
| 4536 | GlideinWMS | Bug     | New      | Normal   | Problem advertising requests affecting FE logs  | Burt Holzman | 09/28/2019 10:24 AM |
| 3793 | GlideinWMS | Bug     | New      | Normal   | Better argument parsing in glidein scripsts   | Burt Holzman | 05/08/2013 12:55 PM |
| 7848 | GlideinWMS | Bug     | Assigned | Normal   | If num_parallel_workers are 1 and a child crashes, factory can get stuck                  | Burt Holzman | 09/28/2019 10:25 AM |
| 4695 | GlideinWMS | Feature | Assigned | Low      | Document "check" debug mode   | Burt Holzman | 09/28/2019 10:25 AM |
| 1925 | GlideinWMS | Feature | New      | Low      | Factory: GUI for maintenance of glideinWMS.xml configuration                              | Burt Holzman | 04/29/2013 01:18 PM |
| 3060 | GlideinWMS | Feature | New      | Normal   | Add EVENT_LOG for forensics   | Burt Holzman | 04/30/2013 08:28 AM |
| 4571 | GlideinWMS | Feature | New      | Low      | Make DN specification optional  | Burt Holzman | 08/22/2013 03:09 PM |
| 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 |
| 4290 | GlideinWMS | Feature | Assigned | Low      | Run glideinWMS pilots on ARM achitecture workers  | Burt Holzman | 07/31/2013 09:27 PM |
| 4556 | GlideinWMS | Feature | Assigned | Low      | Fall back to curl if wget not found   | Burt Holzman | 08/20/2013 09:53 AM |
| 2410 | GlideinWMS | Feature | New      | Normal   | Frontend monitoring to provide average over 2 hrs, 24 hrs and 7 days                      | Burt Holzman | 08/31/2020 04:24 AM |
| 3364 | GlideinWMS | Feature | New      | Low      | add a filter to the factoryStatusNow webpage  | Burt Holzman | 04/29/2013 01:19 PM |
| 3204 | GlideinWMS | Feature | New      | Normal   | OSG: file transfer plugins in pilot   | Burt Holzman | 09/28/2019 10:24 AM |
| 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 |

| #     | Project                  | Tracker | Status   | Priority | Subject  | Assignee        | Updated             |
|-------|--------------------------|---------|----------|----------|--|-----------------|---------------------|
| 3423  | GlideinWMS               | Feature | New      | Normal   | Frontend should be able to temporarily blacklist factory entries             | Burt Holzman    | 09/28/2019 10:24 AM |
| 4645  | GlideinWMS               | Feature | New      | Low      | Put pilot logs in subdirectories   | Burt Holzman    | 10/30/2013 09:50 AM |
| 3706  | GlideinWMS               | Feature | New      | Normal   | Enabling FE to easily add a file transfer plugin                             | Burt Holzman    | 02/03/2015 03:17 PM |
| 3718  | GlideinWMS               | Feature | Assigned | Low      | Add tool to replace <entries> from central repository                        | Burt Holzman    | 04/17/2013 02:21 PM |
| 2194  | GlideinWMS               | Feature | New      | Normal   | Frontend need for a management mapfile                                       | Burt Holzman    | 04/29/2013 01:59 PM |
| 2411  | GlideinWMS               | Feature | New      | Normal   | Frontend better control over number of extra glideins to request             | Burt Holzman    | 04/29/2013 01:59 PM |
| 2258  | GlideinWMS               | Feature | New      | Normal   | Adding support for shared_port_daemon for the collector                      | Burt Holzman    | 04/30/2013 08:30 AM |
| 3203  | GlideinWMS               | Feature | Assigned | Normal   | OSG: condor_q -analyze analogue for glideins                                 | Burt Holzman    | 09/28/2019 10:25 AM |
| 2801  | GlideinWMS               | Idea    | New      | Low      | Move factory monitoring aggregation into its own process                     | Burt Holzman    | 04/29/2013 01:18 PM |
| 3816  | GlideinWMS               | Idea    | New      | Normal   | Setting the NegotiatorPort to make it firewall friendly                      | Burt Holzman    | 05/08/2013 12:55 PM |
| 3384  | GlideinWMS               | Idea    | Assigned | Low      | Add plugin for APFMon  | Burt Holzman    | 09/28/2019 10:25 AM |
| 2688  | GlideinWMS               | Idea    | New      | Low      | Adding interactive properties to the factory <-> frontend protocol           | Burt Holzman    | 04/29/2013 01:18 PM |
| 10170 | ANNIE1-mechanical-design | Task    | New      | Normal   | Cost out PVC for ANNIE Run I Plan (with plan B)                              | Carrie McGivern | 01/12/2016 02:34 AM |
| 10201 | ANNIE1-mechanical-design | Task    | New      | Normal   | Determine how structure and top will be lowered in ANNIE Hall                | Carrie McGivern | 01/19/2016 02:33 PM |
| 10176 | ANNIE1-mechanical-design | Task    | New      | Normal   | Design of inner structure  | Carrie McGivern | 01/12/2016 02:31 AM |
| 10175 | ANNIE1-mechanical-design | Task    | New      | Normal   | Design of access platform  | Carrie McGivern | 12/06/2015 10:36 AM |
| 10174 | ANNIE1-mechanical-design | Task    | New      | Normal   | Design of tank top   | Carrie McGivern | 01/12/2016 02:32 AM |
| 10203 | ANNIE1-mechanical-design | Task    | New      | Normal   | Determine placement of water pump  | Carrie McGivern | 01/12/2016 02:33 AM |
| 1150  | NOvA Operations          | Bug     | New      | High     | DCS Voltage Display needs error on unable to communicate with supply         | Chad Johnson    | 04/08/2011 11:37 AM |
| 24370 | ACNET Service            | Bug     | New      | Normal   | Python None Type Comparison  | Charles King    | 05/01/2020 11:23 AM |
| 21215 | DPM                      | Bug     | Assigned | Normal   | One-shots returning wrong data?  | Charles King    | 01/28/2020 01:52 PM |
| 24591 | DPM                      | Bug     | Resolved | Normal   | New DPM won't read on event for certain erlang front-ends on the CMTF subnet | Charles King    | 07/02/2020 11:39 AM |
| 11465 | Protocol Compiler        | Feature | Assigned | Normal   | Add Swift as a target  | Charles King    | 06/08/2016 01:06 PM |
| 23344 | DPM                      | Support | Assigned | Normal   | Node down errors from aliased acnet nodes since erlang dpm shutdown          | Charles King    | 01/28/2020 01:57 PM |
| 17972 | DPM                      | Support | New      | Normal   | Add redirection support to the Python library.                               | Charles King    | 10/19/2017 01:33 PM |
| 10883 | CMS dCache               | Bug     | Resolved | Normal   | Dealing with cmsstor412 and cmsstor415 losing disk issue                     | Chih-Hao Huang  | 11/23/2015 05:25 PM |
| 11109 | CMS dCache               | Bug     | Resolved | Normal   | Upgrade FW on dCache-disk pools with qlcnic NIC                              | Chih-Hao Huang  | 12/27/2015 10:07 PM |
| 10764 | CMS dCache               | Bug     | Resolved | Normal   | Investigation on odd configuration in some of cmsstor411 - cmsstor420        | Chih-Hao Huang  | 11/04/2015 06:08 PM |
| 10582 | Development              | Bug     | Assigned | Normal   | metadata database on cmseos17 is not updating                                | Chih-Hao Huang  | 10/19/2015 02:47 PM |
| 9209  | Maintenance              | Bug     | Resolved | Normal   | Failed to Add User to Group  | Chih-Hao Huang  | 06/27/2015 11:10 AM |

| #     | Project                     | Tracker | Status   | Priority | Subject   | Assignee       | Updated             |
|-------|-----------------------------|---------|----------|----------|---|----------------|---------------------|
| 9208  | Maintenance                 | Bug     | New      | Normal   | Failed Group Addition Request   | Chih-Hao Huang | 06/15/2015 11:06 AM |
| 9210  | Maintenance                 | Bug     | Resolved | Normal   | https://cmsjobmon.fnal.gov/DataViewerAdmin/filesearch failed                                | Chih-Hao Huang | 06/27/2015 10:13 AM |
| 8144  | Storage                     | Bug     | New      | Normal   | check_mk disk monitoring for XFS is not good enough   | Chih-Hao Huang | 08/13/2015 02:16 PM |
| 9313  | Vulcan                      | Bug     | Resolved | Normal   | doacct-vulcan.py is broken  | Chih-Hao Huang | 10/15/2015 11:57 AM |
| 9649  | Vulcan                      | Bug     | Resolved | Normal   | adding new physics group does not set proper ownership                                      | Chih-Hao Huang | 10/15/2015 11:55 AM |
| 10606 | Vulcan                      | Bug     | Assigned | Normal   | Fix quotaEOSCMSUser.sh  | Chih-Hao Huang | 10/21/2015 03:19 PM |
| 10581 | Vulcan                      | Bug     | Assigned | Normal   | Vulcan is constantly updating the mapping files   | Chih-Hao Huang | 10/19/2015 02:41 PM |
| 8986  | Vulcan                      | Bug     | Resolved | Normal   | Failed mails to and from catalind@fnal.gov  | Chih-Hao Huang | 07/27/2015 07:04 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 |
| 9736  | Vulcan                      | Feature | Resolved | Normal   | Overhaul Vulcan Authentication  | Chih-Hao Huang | 10/15/2015 11:53 AM |
| 11330 | DCSO                        | Idea    | New      | Normal   | Sandbox -- not a real issue, just play with redmine   | Chih-Hao Huang | 12/31/2015 10:29 AM |
| 9319  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPJ005  | Chih-Hao Huang | 06/27/2015 11:36 AM |
| 9317  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPF855  | Chih-Hao Huang | 06/27/2015 11:31 AM |
| 8948  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPB681  | Chih-Hao Huang | 06/27/2015 11:37 AM |
| 9316  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPG549  | Chih-Hao Huang | 06/27/2015 11:27 AM |
| 8944  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPB406  | Chih-Hao Huang | 06/27/2015 11:36 AM |
| 9315  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPF959  | Chih-Hao Huang | 06/27/2015 11:22 AM |
| 9045  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPC813  | Chih-Hao Huang | 06/04/2015 11:41 AM |
| 9314  | Bad files and Damaged Tapes | Task    | Resolved | Normal   | VPF960  | Chih-Hao Huang | 06/27/2015 11:18 AM |
| 12818 | CMS dCache                  | Task    | Resolved | Normal   | Handling cmsstor280 - cmsstor294 moving from old dCache Disk instance to the new instance   | Chih-Hao Huang | 06/01/2016 05:35 PM |
| 8952  | CMS dCache                  | Task    | Resolved | Normal   | Prototyping one monitoring migration from zabbix to check_mk                                | Chih-Hao Huang | 07/24/2015 03:50 PM |
| 8953  | CMS dCache                  | Task    | Accepted | Normal   | Systematically migrating all alarms from zabbix to check_mk                                 | Chih-Hao Huang | 07/23/2015 09:47 PM |
| 8934  | CMS dCache                  | Task    | Resolved | Normal   | Merge itb into cmsstor111_dmason  | Chih-Hao Huang | 05/26/2015 01:38 PM |
| 10737 | CMS dCache                  | Task    | Resolved | Normal   | Renew certificates for cmsstor401 - cmsstor408  | Chih-Hao Huang | 11/02/2015 05:04 PM |
| 9941  | CMS dCache                  | Task    | Resolved | Normal   | HW refresh'15: move cmsstor261 to the dCache-tape instance                                  | Chih-Hao Huang | 09/23/2015 04:16 PM |
| 8949  | CMS dCache                  | Task    | Assigned | Normal   | Migrate dCache store nodes monitoring from zabbix to check_mk                               | Chih-Hao Huang | 07/24/2015 03:50 PM |
| 8950  | CMS dCache                  | Task    | Resolved | Normal   | Planning and figuring out the scope   | Chih-Hao Huang | 07/24/2015 03:45 PM |
| 11027 | CMS dCache                  | Task    | Resolved | Normal   | Handling encp errors due to staled file handles   | Chih-Hao Huang | 12/01/2015 05:29 PM |
| 12147 | CMS dCache                  | Task    | Resolved | Normal   | Handling cmsstor437 / cmsdisk437438 issue   | Chih-Hao Huang | 04/08/2016 01:52 PM |
| 11004 | CMS dCache                  | Task    | Resolved | Normal   | Handling failed encp transfer due to configuration change                                   | Chih-Hao Huang | 11/29/2015 11:45 AM |
| 10378 | CMS dCache                  | Task    | Assigned | Normal   | Clean up /var/lib/puppet/clientbucket/ directory on store nodes.                            | Chih-Hao Huang | 10/02/2015 12:14 PM |

| #     | Project             | Tracker | Status   | Priority | Subject   | Assignee       | Updated             |
|-------|---------------------|---------|----------|----------|---|----------------|---------------------|
| 10967 | CMS dCache          | Task    | Resolved | Normal   | Firmware update for cmsdisk411 - cmsdisk434   | Chih-Hao Huang | 11/23/2015 05:21 PM |
| 10759 | CMS dCache          | Task    | Resolved | Normal   | Decommission cmsstor111 cmsstor113 cmsstor114 cmsstor115 cmsstor117 cmsstor136 cmsstor137 cmsstor138 cmsstor139 cmsstor140 cmsstor141 cmsstor142 cmsstor143 cmsstor144 cmsstor145 cmsstor146 cmsstor147 cmsstor148 cmsstor156 cmsstor162 cmsstor163 | Chih-Hao Huang | 11/23/2015 05:27 PM |
| 11148 | CMS dCache          | Task    | Assigned | Normal   | qla2xxx firmware upgrade on ALL CMS nodes with a QLogic QLE FC HBA  | Chih-Hao Huang | 12/17/2015 04:52 PM |
| 11910 | CMS dCache          | Task    | Resolved | Normal   | Updating java.security for MD5 issue  | Chih-Hao Huang | 04/01/2016 01:41 PM |
| 9940  | CMS dCache          | Task    | Resolved | Normal   | HW refresh'15: Retire dCache-tape pools cmsstor128,129,131,132,133,134,135,165,166,167  | Chih-Hao Huang | 09/22/2015 12:36 AM |
| 11576 | CMS dCache          | Task    | Resolved | Normal   | Retiring cmsstor168 - cmsstor209  | Chih-Hao Huang | 02/23/2016 06:06 PM |
| 11056 | CMS dCache          | Task    | Resolved | Normal   | Reshooting cmsstor411   | Chih-Hao Huang | 12/02/2015 03:15 PM |
| 11325 | CMS dCache          | Task    | Assigned | Normal   | Manually verifying Tape itb instance  | Chih-Hao Huang | 12/31/2015 12:24 PM |
| 10961 | CMS dCache          | Task    | Resolved | Normal   | Handling hot file in w-cmsstor319-disk-disk3  | Chih-Hao Huang | 11/21/2015 01:14 AM |
| 10758 | CMS dCache          | Task    | Resolved | Normal   | Moving cmsstor262 - cmsstor279 from disk instance to tape instance  | Chih-Hao Huang | 11/23/2015 05:27 PM |
| 10596 | CMS dCache          | Task    | Resolved | Normal   | Perform burn-in and add cmsstor411-420 in dCache-disk   | Chih-Hao Huang | 11/23/2015 05:31 PM |
| 11804 | CMS dCache          | Task    | Resolved | Normal   | Down time 2016-02-04 for glibc update (HUANG)   | Chih-Hao Huang | 04/08/2016 01:53 PM |
| 12225 | CMS dCache          | Task    | Resolved | Normal   | Draining cmsstor417 - cmsstor420 and preparing for moving them to new dCache (disk) instance.   | Chih-Hao Huang | 05/31/2016 11:00 AM |
| 9197  | CMS dCache          | Task    | Resolved | Normal   | Revise dCache store node decommission process   | Chih-Hao Huang | 11/20/2015 12:55 PM |
| 11369 | CMS dCache          | Task    | Resolved | Normal   | chimera database backup, dump and restore.  | Chih-Hao Huang | 02/17/2016 02:03 PM |
| 11626 | DCSO                | Task    | Resolved | Normal   | Clean up remaining mess in cmsstor330.  | Chih-Hao Huang | 02/17/2016 02:00 PM |
| 10761 | DCSO                | Task    | Resolved | Normal   | Production Push on 2015-11-03   | Chih-Hao Huang | 11/03/2015 05:05 PM |
| 9211  | Development         | Task    | Resolved | Normal   | Make groupCMSUser.sh fully automatic without manual steps.  | Chih-Hao Huang | 10/19/2015 02:46 PM |
| 9312  | Maintenance         | Task    | Assigned | Normal   | Find the data source for metadata database on cmseos17  | Chih-Hao Huang | 06/27/2015 10:17 AM |
| 9126  | Monitoring check_mk | Task    | New      | Normal   | vulcan/dataviewer monitoring with check_mk  | Chih-Hao Huang | 06/11/2015 03:11 PM |
| 9122  | Monitoring check_mk | Task    | New      | Normal   | dcache tape monitoring with check_mk  | Chih-Hao Huang | 06/11/2015 03:10 PM |
| 9164  | Retire SLF5         | Task    | Assigned | Normal   | Retire cmssrv28   | Chih-Hao Huang | 09/19/2016 10:11 AM |
| 9174  | Retire SLF5         | Task    | Assigned | Normal   | Retire cmssrv51   | Chih-Hao Huang | 06/27/2015 04:47 PM |
| 9163  | Retire SLF5         | Task    | Assigned | Normal   | Retire cmsdcam5   | Chih-Hao Huang | 09/19/2016 10:10 AM |
| 9688  | Retire SLF5         | Task    | Assigned | Normal   | Retire cmsrocks1  | Chih-Hao Huang | 09/19/2016 10:10 AM |
| 9177  | Retire SLF5         | Task    | Assigned | Normal   | retire cmssrv147  | Chih-Hao Huang | 06/27/2015 04:48 PM |
| 9170  | Retire SLF5         | Task    | Assigned | Normal   | Retire cmssrv148  | Chih-Hao Huang | 06/27/2015 04:49 PM |
| 9172  | Retire SLF5         | Task    | Assigned | Normal   | Retire cmssrv33   | Chih-Hao Huang | 09/19/2016 11:32 AM |

| #     | Project                 | Tracker               | Status    | Priority | Subject   | Assignee                  | Updated             |
|-------|-------------------------|-----------------------|-----------|----------|---|---------------------------|---------------------|
| 9098  | Tape Operation          | Task                  | Resolved  | Normal   | Gather task list of Enstore tasks done by CMS   | Chih-Hao Huang            | 12/09/2015 11:43 AM |
| 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 |
| 8998  | Tape Operation          | Task                  | Resolved  | Normal   | Enstore alarms for DEVICE ERROR   | Chih-Hao Huang            | 06/01/2015 03:23 PM |
| 8930  | Vulcan                  | Task                  | Assigned  | Normal   | Vulcan Documentation  | Chih-Hao Huang            | 10/20/2015 04:33 PM |
| 9012  | Vulcan                  | Task                  | Resolved  | Normal   | Export password file to scientific linux group (Pat and Rennie)                         | Chih-Hao Huang            | 06/27/2015 09:43 AM |
| 8906  | Vulcan                  | Task                  | Resolved  | Normal   | Sync Vulcan code in GIT and in deployment   | Chih-Hao Huang            | 05/28/2015 11:43 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 |
| 8960  | Vulcan                  | Task                  | Assigned  | Normal   | Decommission and Shutdown cmsrocks1   | Chih-Hao Huang            | 10/20/2015 04:33 PM |
| 9463  | Vulcan                  | Task                  | Resolved  | Normal   | remove question from /opt/vulcan/groupCMSUser.sh  | Chih-Hao Huang            | 07/27/2015 02:32 PM |
| 10768 | Vulcan                  | Task                  | Resolved  | Normal   | revive scripts that detail last usage of bluearc data areas.                            | Chih-Hao Huang            | 12/09/2015 11:32 AM |
| 4845  | ATC                     | Bug                   | Assigned  | Low      | Tag removal remnant   | Chris D'Andrea            | 10/27/2013 06:37 PM |
| 4947  | ATC                     | Feature               | Assigned  | Normal   | PSNID z fit information   | Chris D'Andrea            | 11/28/2013 04:19 AM |
| 14363 | LArSoft                 | Milestone             | Assigned  | Normal   | Support detectors with drift direction different than x axis                            | Christoph Alt             | 10/11/2018 11:55 AM |
| 19539 | LArSoft                 | Necessary Maintenance | Assigned  | Normal   | Restore tensorflow-dependent code disabled for support to Clang                         | Christoph Alt             | 04/20/2018 06:56 AM |
| 16438 | LArSoft                 | Task                  | Assigned  | Normal   | Update PMA to support any drift direction and any set of view types                     | Christoph Alt             | 05/08/2018 09:47 AM |
| 15730 | LArSoft                 | Task                  | Assigned  | Normal   | Verify that the wire and optical calibration module supports arbitrary drift direction. | Christoph Alt             | 05/08/2018 09:47 AM |
| 15729 | LArSoft                 | Task                  | Assigned  | Normal   | Update the reconstruction algorithms to support arbitrary drift direction               | Christoph Alt             | 10/11/2018 11:55 AM |
| 15728 | LArSoft                 | Task                  | Assigned  | Normal   | Update event display to support arbitrary drift direction                               | Christoph Alt             | 05/08/2018 09:46 AM |
| 10524 | uBooNE Detector Physics | Task                  | Assigned  | Normal   | Calibration framework in LArSoft  | Christoph Rudolf von rohr | 02/08/2016 10:50 AM |
| 10662 | uBooNE Detector Physics | Task                  | Assigned  | Normal   | Reconstruction of laser tracks  | Christoph Rudolf von rohr | 02/08/2016 10:54 AM |
| 10525 | uBooNE Detector Physics | Task                  | Assigned  | Normal   | Testing of laser-only calibration methods with framework                                | Christoph Rudolf von rohr | 02/08/2016 10:51 AM |
| 22181 | cet-is                  | Feature               | Assigned  | Normal   | Packaging gibuu 2019  | Christopher Backhouse     | 05/01/2019 02:18 PM |
| 17715 | LArSoft                 | Support               | Assigned  | Normal   | Large memory usage in SpacePointSolver for MicroBooNE                                   | Christopher Backhouse     | 09/18/2017 10:27 AM |
| 6303  | art                     | Bug                   | Remission | Normal   | Event Mixer   | Christopher Green         | 10/23/2017 12:12 PM |
| 8890  | cet-is                  | Bug                   | Feedback  | Low      | cet_test has confusing error report   | Christopher Green         | 10/23/2017 12:23 PM |
| 24680 | cetpkgsupport           | Bug                   | Resolved  | Normal   | does not respect UPS (OVERRIDE) flavor  | Christopher Green         | 08/17/2020 10:23 AM |
| 24109 | art                     | Feature               | Assigned  | Normal   | add include-what-you-use to clang build   | Christopher Green         | 03/09/2020 10:26 AM |
| 11355 | art                     | Feature               | Feedback  | Normal   | Support for a very different sort of secondary input ...                                | Christopher Green         | 02/06/2017 11:40 AM |

| #     | Project                                | Tracker        | Status           | Priority | Subject   | Assignee           | Updated             |
|-------|--|----------------|------------------|----------|---|--------------------|---------------------|
| 18152 | art                                    | Feature        | Assigned         | Normal   | Have FileDumperOutput output into messagefacility streams                                       | Christopher Green  | 11/20/2017 11:28 AM |
| 12236 | cet-is                                 | Feature        | Resolved         | Normal   | Produce for-build -cmake.config files in addition to at-install for all cetbuildtools products. | Christopher Green  | 04/21/2016 06:26 PM |
| 14268 | IFDH Art interface                     | Feature        | Feedback         | Normal   | Update IFDH service to current art standards  | Christopher Green  | 02/27/2019 10:29 AM |
| 19960 | messagefacility                        | Feature        | Under Discussion | Normal   | Proposal for use of self-location in MessageFacility for builtin plugins                        | Christopher Green  | 05/21/2018 10:29 AM |
| 15546 | art                                    | Support        | Assigned         | Normal   | cetskelgen help should have one or two complete command line examples                           | Christopher Green  | 02/20/2017 11:19 AM |
| 18080 | cet-is                                 | Support        | Assigned         | High     | Slow build on mac Sierra  | Christopher Green  | 11/10/2017 09:34 AM |
| 23678 | cet-is                                 | Support        | Feedback         | Normal   | pythia6 build   | Christopher Green  | 01/06/2020 10:29 AM |
| 24752 | cet-is                                 | Support        | Assigned         | Normal   | e19 build of cstxsd v4_0_0  | Christopher Green  | 08/17/2020 10:36 AM |
| 24669 | LArSoft                                | Support        | Feedback         | Normal   | LibTorch v1.5.1 efficiency  | Christopher Green  | 09/18/2020 10:49 AM |
| 24428 | SciSoft                                | Support        | Resolved         | Normal   | Request for Pythia8 "stack" compatible with latest released LArSoft                             | Christopher Green  | 05/29/2020 11:18 AM |
| 23556 | sbndaq                                 | Feature        | Work in progress | Normal   | Track temperatures of CAEN v1730 cards  | Daine Danielson    | 02/17/2020 09:58 AM |
| 24854 | ANL Up/Down Converter Builds 2020/2021 | Task           | New              | Normal   | Quotes and carts needed for Build of ANL Up/Downconverters                                      | Daniel Klepec      | 09/10/2020 03:24 PM |
| 24587 | Ilrf-HWR-fe-software                   | Task           | Resolved         | High     | HWR start trigger cable termination   | Daniel Klepec      | 07/02/2020 08:24 AM |
| 24585 | Ilrf-HWR-fe-software                   | Task           | Resolved         | High     | HWR resonance control pressure set button is broken   | Daniel Klepec      | 07/02/2020 08:04 AM |
| 24523 | PIP-II IT HWR                          | Task           | Resolved         | Normal   | HWR 8 Channel Signal Conditioning Chassis   | Daniel Klepec      | 08/07/2020 03:24 PM |
| 24754 | PIP-II IT HWR                          | Task           | Resolved         | Urgent   | Remove & Repair HWR Pressure loop Signal conditioning chassis                                   | Daniel Klepec      | 08/13/2020 01:28 PM |
| 24772 | PIP-II IT HWR                          | Task           | Resolved         | Normal   | Cavity 6 drive cable  | Daniel Klepec      | 08/13/2020 01:23 PM |
| 24874 | PIP II IT SSR1                         | Task           | Work in progress | Normal   | PIP2IT SSR1 Resonance Controller Voltage Distribution Board Repair                              | Daniel Klepec      | 09/09/2020 10:58 AM |
| 24630 | PIP II IT SSR1                         | Task           | Work in progress | Normal   | SSR1 Resonance Control chassis  | Daniel Klepec      | 07/21/2020 02:30 PM |
| 18712 | Off-the-Shelf DAQ                      | Idea           | Assigned         | Normal   | Import Export user accounts   | Daniel Parilla     | 04/09/2018 03:25 PM |
| 24572 | dunetpc                                | Bug            | Resolved         | Normal   | Segfault in OpSlicer  | Daniel Pershey     | 07/29/2020 04:00 PM |
| 10256 | NOvA Production                        | Feature        | Assigned         | Normal   | Integrate decaf making int caf making   | Daniel Pershey     | 12/08/2015 07:02 PM |
| 22667 | CCQENu Management                      | Feature        | New              | Normal   | Outline nuclear target inclusion in tool  | Daniel Ruterbories | 05/31/2019 11:38 AM |
| 6144  | MINERvA Software Infrastructure        | Review Request | Assigned         | Normal   | File Access Audit   | Daniel Ruterbories | 02/23/2015 02:24 PM |
| 6140  | MINERvA Software Infrastructure        | Review Request | Assigned         | Normal   | Large Dataset Management  | Daniel Ruterbories | 02/23/2015 02:20 PM |

| #     | Project                         | Tracker        | Status   | Priority | Subject   | Assignee           | Updated             |
|-------|---------------------------------|----------------|----------|----------|---|--------------------|---------------------|
| 6136  | MINERvA Software Infrastructure | Review Request | Accepted | Normal   | Minerva Offline Coordinator   | Daniel Ruterbories | 02/23/2015 02:18 PM |
| 16473 | FIFE                            | Feature        | Assigned | Normal   | Create policy for version clean up and retirement for code in CVMFS common area | Dave Dykstra       | 01/22/2019 05:09 PM |
| 11700 | CVMFS Support                   | Support        | New      | Normal   | Set up building oasis pull requests with travisci.org                           | Dave Dykstra       | 05/04/2017 01:59 PM |
| 19678 | CVMFS Support                   | Support        | New      | Normal   | Restart frontier-squid automatically if it crashes on oasis-replica             | Dave Dykstra       | 04/13/2018 09:46 AM |
| 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 |
| 5715  | CVMFS Support                   | Support        | Assigned | Normal   | Improve OASIS monitoring  | Dave Dykstra       | 09/24/2018 03:38 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 |
| 7175  | CVMFS Support                   | Support        | New      | Normal   | Add catalog hash to "cvmfs_talk open catalogs" output                           | Dave Dykstra       | 12/03/2015 09:49 AM |
| 17313 | CVMFS Support                   | Support        | New      | Normal   | Do FNAL caching of non-local osgstorage.org repositories                        | Dave Dykstra       | 09/24/2018 04:14 PM |
| 8654  | CVMFS Support                   | Support        | New      | Normal   | Investigate cvmfs-server snapshot performance                                   | Dave Dykstra       | 05/07/2015 10:52 AM |
| 8382  | CVMFS Support                   | Support        | New      | Low      | Get pacwget distributed in cvmfs  | Dave Dykstra       | 04/21/2015 08:54 AM |
| 5708  | CVMFS Support                   | Support        | Assigned | Normal   | OSG Software  | Dave Dykstra       | 03/28/2019 12:02 PM |
| 5720  | CVMFS Support                   | Support        | Assigned | Normal   | User support  | Dave Dykstra       | 09/24/2018 04:07 PM |
| 5710  | CVMFS Support                   | Support        | Assigned | Normal   | Generic CVMFS   | Dave Dykstra       | 03/28/2019 12:01 PM |
| 5709  | CVMFS Support                   | Support        | Assigned | Normal   | OASIS   | Dave Dykstra       | 10/09/2019 05:20 PM |
| 9514  | CVMFS Support                   | Support        | New      | Normal   | Auxiliary data support  | Dave Dykstra       | 09/24/2018 02:39 PM |
| 6100  | CVMFS Support                   | Support        | New      | Normal   | Stay informed about CVMFS issues and developments                               | Dave Dykstra       | 05/04/2017 01:11 PM |
| 10351 | CVMFS Support                   | Support        | New      | Normal   | Made a 'cvmfscp' command line tool  | Dave Dykstra       | 11/17/2015 11:16 AM |
| 19595 | CVMFS Support                   | Support        | New      | Normal   | systemctl restart apparently aborts running snapshots #3                        | Dave Dykstra       | 04/06/2018 04:13 PM |
| 6805  | CVMFS Support                   | Support        | New      | Normal   | Update OSG install-cvmfs for how to use separate cache and proxy                | Dave Dykstra       | 09/24/2018 04:10 PM |
| 6851  | CVMFS Support                   | Support        | New      | Normal   | Make a cvmfs_server implementation of alien cache cleanup                       | Dave Dykstra       | 07/09/2015 04:16 PM |
| 5787  | CVMFS Support                   | Support        | Assigned | High     | FNAL CVMFS Stratum 1 support  | Dave Dykstra       | 02/15/2017 10:05 AM |
| 5707  | CVMFS Support                   | Support        | Assigned | Normal   | Write CVMFS/OASIS policy enforcement scripts                                    | Dave Dykstra       | 04/06/2018 04:13 PM |
| 19849 | CVMFS Support                   | Support        | New      | Normal   | Make cvmfs_server check easily automatable                                      | Dave Dykstra       | 09/25/2018 04:06 PM |
| 18620 | CVMFS Support                   | Support        | New      | Normal   | Prevent publishing symlinks that point outside of cvmfs                         | Dave Dykstra       | 09/25/2018 04:08 PM |
| 18517 | CVMFS Support                   | Support        | New      | Normal   | Move general parts of StratumOne twiki to official doc                          | Dave Dykstra       | 09/25/2018 04:07 PM |
| 20989 | dunetpc                         | Bug            | Feedback | Normal   | ps returns truncated command line in dune/ArtSupport/DuneToolManager.cxx        | David Adams        | 10/23/2018 12:24 PM |
| 23811 | dunetpc                         | Bug            | New      | Normal   | Crashes and memory errors in protoDUNE SP TPC data upacking                     | David Adams        | 01/08/2020 05:02 PM |
| 16382 | LArSoft                         | Bug            | Resolved | Normal   | Larsoft geometry does not compile in Root                                       | David Adams        | 05/10/2017 07:49 AM |



| #     | Project                    | Tracker | Status           | Priority | Subject  | Assignee        | Updated             |
|-------|----------------------------|---------|------------------|----------|--|-----------------|---------------------|
| 15295 | dunetpc                    | Feature | Assigned         | Normal   | Make signal shaping service available in Root  | David Adams     | 01/25/2017 07:27 AM |
| 23822 | dunetpc                    | Task    | New              | Normal   | Handle protoDUNE SP TPC data with missing or inconsistent clocks                                     | David Adams     | 01/03/2020 10:21 AM |
| 17758 | dunetpc                    | Task    | Assigned         | Normal   | Reorganize DuneInterface   | David Adams     | 09/21/2017 09:14 AM |
| 20621 | dunetpc                    | Task    | Feedback         | Normal   | Update noise simulation for ProtoDUNE single phase   | David Adams     | 09/10/2018 11:48 AM |
| 21259 | dunetpc                    | Task    | Accepted         | Normal   | Update ArtServiceHelper for art 3  | David Adams     | 12/21/2018 03:43 PM |
| 21221 | dunetpc                    | Task    | New              | Normal   | Add time of flight information to the event display  | David Adams     | 10/24/2018 07:13 PM |
| 16117 | dunetpc                    | Task    | New              | Normal   | Update DUNE geometry wiki page   | David Adams     | 04/06/2017 09:26 AM |
| 15287 | dunetpc                    | Task    | Assigned         | Normal   | Remove obsolete detsim and dataprep code   | David Adams     | 01/24/2017 05:17 PM |
| 24987 | dunetpc                    | Task    | Work in progress | Normal   | dunetpc v09_03_00  | David Adams     | 09/19/2020 04:44 PM |
| 23726 | dunetpc                    | Task    | Work in progress | Normal   | Dataprep update  | David Adams     | 09/05/2020 02:43 AM |
| 13071 | Offline Software           | Bug     | New              | Normal   | Remove unneeded #includes in xxxGeom directories   | David Brown     | 06/29/2016 03:45 PM |
| 13637 | uBooNE Reconstruction      | Task    | Resolved         | Normal   | sample re-processing with gaussian deconvolution filter  | David Caratelli | 11/02/2016 01:49 PM |
| 13638 | uBooNE Reconstruction      | Task    | New              | Normal   | sample re-processing with updated hit-finder thresholds  | David Caratelli | 09/20/2016 03:49 PM |
| 13635 | uBooNE Reconstruction      | Task    | Assigned         | Normal   | Pi0 data sample reconstruction   | David Caratelli | 11/02/2016 02:24 PM |
| 7540  | uBooNE DAQ                 | Bug     | Assigned         | Normal   | RunControl --- MakeConnections allowed before configuration finished                                 | David Kaleko    | 12/18/2014 10:34 AM |
| 18635 | MI/RR IPM                  | Bug     | Resolved         | High     | Necessary LabView parameters are no longer fast time plottable.                                      | David Slimmer   | 01/08/2018 07:47 AM |
| 18773 | MI/RR IPM                  | Bug     | Resolved         | Normal   | Single turn plot not showing current data until you toggle single turn -> charge plot -> single turn | David Slimmer   | 01/26/2018 03:32 PM |
| 18695 | MI/RR IPM                  | Support | Resolved         | Normal   | State machine devices for Booster IPMs   | David Slimmer   | 01/08/2018 09:14 AM |
| 9000  | NOvA-ART                   | Bug     | New              | High     | Undo the backports to setup_novagrid.sh in old tags  | David Smith     | 06/02/2015 07:21 AM |
| 11221 | gm2planning                | Task    | New              | Normal   | Shower behavior validated  | David Sweigart  | 12/18/2015 12:43 AM |
| 2645  | NOvA DAQ                   | Bug     | New              | Normal   | DAQDataFormats Issues  | Denis Perevalov | 05/07/2012 10:21 AM |
| 2718  | NOvA DAQ Cluster - NDOS    | Bug     | New              | High     | testRelForOperations not backed up   | Denis Perevalov | 05/25/2012 11:16 AM |
| 286   | NOvA                       | Feature | New              | Normal   | Implement adaptive step size in Geant4 interface   | Denis Perevalov | 02/07/2010 02:12 PM |
| 2797  | NOvA DAQ Cluster - Far Det | Feature | Resolved         | Normal   | DCMs need to mount /daqlogs on msglogger   | Denis Perevalov | 07/19/2012 01:00 PM |
| 1372  | NOvA DAQ Cluster           | Support | New              | Normal   | Migrate DAQ Cluster Wiki to Fermilab Redmine   | Denis Perevalov | 06/14/2011 05:05 PM |
| 2719  | NOvA DAQ Cluster - NDOS    | Support | New              | Normal   | More documentation needed for backup system  | Denis Perevalov | 05/25/2012 11:16 AM |
| 2441  | GlideinWMS                 | Bug     | New              | Normal   | Accounting issues for new glidein types  | Dennis Box      | 10/18/2016 03:32 PM |
| 24565 | GlideinWMS                 | Bug     | Resolved         | High     | Missing file, Factory will not start   | Dennis Box      | 07/07/2020 10:14 AM |
| 24561 | GlideinWMS                 | Bug     | Resolved         | High     | Glidein token fetching is not working  | Dennis Box      | 08/25/2020 02:54 PM |

| #     | Project    | Tracker | Status   | Priority | Subject  | Assignee   | Updated             |
|-------|------------|---------|----------|----------|--|------------|---------------------|
| 24966 | GlideinWMS | Bug     | New      | Normal   | Condor 8.9 not playing nicely with 8.9 pilots in 3.6.3                                 | Dennis Box | 09/14/2020 11:53 AM |
| 24544 | GlideinWMS | Bug     | Resolved | High     | Fix inconsistencies w/ token scripts   | Dennis Box | 07/07/2020 11:07 AM |
| 12023 | JobSub     | Bug     | New      | Normal   | jobsub_fetchlog --jobid 888.33 --partial behavior not quite right                      | Dennis Box | 01/09/2020 01:35 PM |
| 24521 | JobSub     | Bug     | Resolved | Normal   | jobsub_submit_dag broken in 1.3.2  | Dennis Box | 06/30/2020 09:58 AM |
| 23109 | JobSub     | Bug     | New      | Normal   | can jobsub server create haproxy heartbeat file related to schedd health               | Dennis Box | 08/19/2019 03:44 PM |
| 23380 | JobSub     | Bug     | Resolved | Normal   | need to be able to deny ROLES access to rapid code distribution                        | Dennis Box | 04/20/2020 07:54 PM |
| 23074 | JobSub     | Bug     | New      | Normal   | jobsub_submit -n returns nondescript error   | Dennis Box | 08/07/2019 12:28 PM |
| 7399  | JobSub     | Bug     | Assigned | Normal   | Validate the values of some of the important jobsub_submit options                     | Dennis Box | 01/09/2020 01:41 PM |
| 20289 | JobSub     | Bug     | New      | Normal   | understand timeout/empty reply from server for dag submission                          | Dennis Box | 01/09/2020 02:35 PM |
| 21831 | JobSub     | Bug     | New      | Normal   | improve error message when schedd too busy to respond to jobsub_rm                     | Dennis Box | 04/20/2020 05:59 PM |
| 21615 | JobSub     | Bug     | Resolved | Normal   | CDF wrapper output copy back failing   | Dennis Box | 01/09/2019 02:11 PM |
| 24968 | JobSub     | Bug     | New      | Normal   | create better warning/instructions for jobsub_client/python_future_six_request failure | Dennis Box | 09/14/2020 01:30 PM |
| 24111 | JobSub     | Bug     | New      | Normal   | CDF submission seems to still be broken  | Dennis Box | 03/02/2020 02:03 PM |
| 21655 | JobSub     | Bug     | New      | Normal   | SAM job pre-staging will not work with newer SAM stations                              | Dennis Box | 01/09/2020 01:38 PM |
| 11709 | JobSub     | Bug     | New      | Normal   | jobsub eats "  | Dennis Box | 04/10/2020 12:00 PM |

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