

[Jun 11, 2024 11:00 AM CDT | ICARUS Production Meeting](#)

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Attendees

Production requests

| Request # | Email Address | Name/tag of the request | Status | Type | Size | Output | WG | File Processing location | Campaign Manager | Path (/pnfs/sbn/data/sbn_fj/poms_production) |
|-----------|------------------------------|---|---------|------|------|------------------|---------------|--------------------------|------------------|--|
| 9 | cerati@fnal.gov | New compression | Done | Data | - | raw | AI | OSG | Mateus | /data/compression |
| 13 | petrillo@slac.stanford.edu | ICARUSrun11816full | Running | Data | 110k | stage1_caf | PMT | OSG | Promita | /data/Data_OpticalReconstructionWG_Run3_11816_* |
| 14 | petrillo@slac.stanford.edu | ICARUSrun11813full | Running | Data | 110k | stage1_caf | PMT | OSG | Promita | /data/Data_OpticalReconstructionWG_Run3_11813_* |
| 15 | justin.mueller@colostate.edu | LArCV Production for Run 2 | Done | Data | - | LArCV | ML | OSG | Mateus | - |
| 29 | usher@slac.stanford.edu | Reprocess Run 2 for Neutrino'24 | Running | Data | - | stage1_caf | Analysis | OSG | Promita | /data/Run2_DataReprocess |
| 30 | jzettle@fnal.gov | jzettle_systematics_cv_nuonly | Done | MC | 200k | stage1_caf_LArCV | Osc. Analysis | OSG | Mateus | 2024_ICARUS_MC_CV_Sys/2024A_MC_CV_Sys |
| 31 | jzettle@fnal.gov | jzettle_systematics_tpcsignalshape_variation_nuonly | Done | MC | 200k | caf_LArCV | Osc. Analysis | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR1_untunedtpcsigshape |
| 32 | drielsma@slac.stanford.edu | MPVMPR | Done | MC | 300k | LArCV | ML | OSG | Francois | - |
| 33 | daniel.carber@colostate.edu | NuMI LArCV data processing | Done | Data | 1M | LArCV | ML/NuMI | OSG | Francois | - |

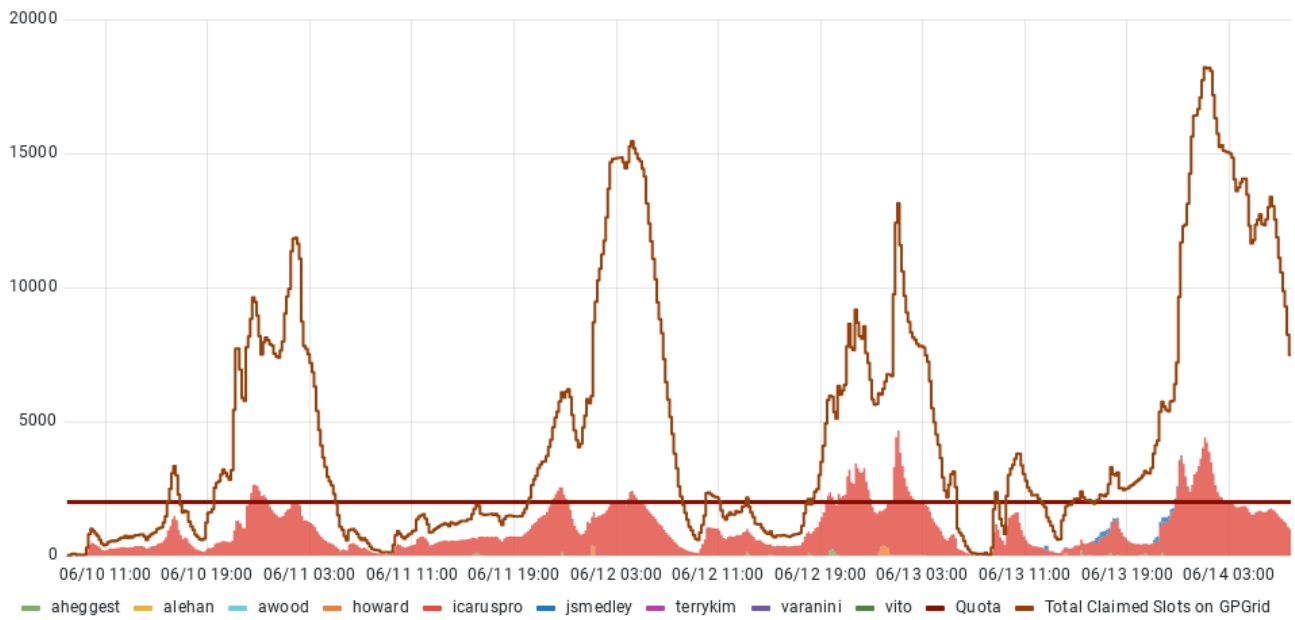
| | | | | | | | | | | |
|----|------------------------------|---|----------|------|--------|---------------------|---------------|-----|----------|--|
| 34 | betan009@fnal.gov | standard NuMI fcl | Pending | MC | 3M | stage0, stage1, caf | NuMI | | | |
| 36 | justin.mueller@colostate.edu | Justin Mueller | Running | MC | 336096 | LArCV | ML | OSG | Francois | - |
| 37 | jzettle@fnal.gov | Detector Systematics - Middle Induction Minimal Transparency | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR1_tpcsignalshape |
| 38 | jzettle@fnal.gov | Detector Systematics - Middle Induction Maximal Transparency | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR3_tpcind2transparent |
| 39 | jzettle@fnal.gov | Detector Systematics - Front Induction Increased Gain Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR4_tpcind1increasegain |
| 40 | jzettle@fnal.gov | Detector Systematics - Front Induction Decreased Gain Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR5_tpcind1decreasegain* |
| 41 | jzettle@fnal.gov | Detector Systematics - PMT Quantum Efficiency Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR6_pmtdecreaseedge |
| 42 | jzettle@fnal.gov | Detector Systematics - Recombination Model Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR7_ellipsoidalrecomb* |
| 43 | jzettle@fnal.gov | Detector Systematics - TPC Coherent Noise Increase Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR8_tpcnoisep1sigma |
| 44 | jzettle@fnal.gov | Detector Systematics - TPC Coherent Noise Decrease Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR9_tpcnoisem1sigma |
| 45 | jzettle@fnal.gov | Detector Systematics - TPC Intrinsic Noise Increase Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR10_tpcinnoisep1sigma |
| 46 | jzettle@fnal.gov | Detector Systematics - TPC Intrinsic Noise Decrease Variation | Done | MC | 200k | caf, LArCV | BNB | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR11_tpcinnoisem1sigma |
| 47 | koh0207@stanford.edu | ICARUS BNB Nue Only + CORSIKA | Assigned | MC | 1M | stage1, caf, LArCV | ML | OSG | Francois | |
| 48 | farnese@pd.infn.it | New Light Variation | Done | MC | 200k | stage1, caf, LArCV | Analysis | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR12_pmtdecreaseedge2 |
| 49 | jzettle@fnal.gov | Detector Systematics - Null Variation | Done | MC | 200k | caf, LArCV | Osc. Analysis | OSG | Mateus | 2024A_ICARUS_MC_CV_Sys/2024A_Sys_VAR0_null |
| 50 | petrillo@slac.stanford.edu | ICARUSmajorityOnlyRuns | Pending | Data | | stage1 | Trigger | | Ivan? | |
| 51 | petrillo@slac.stanford.edu | ICARUSrun11926_32_33 | Pending | Data | 4130 | Stage1 (+ calib.) | Trigger | | Ivan? | |

Link to [spreadsheet](#)
Link to [gitub project](#)

Monitoring resource usage

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| User Grid Usage History of the <i>Running Jobs by User</i> for the last 4 days: link |
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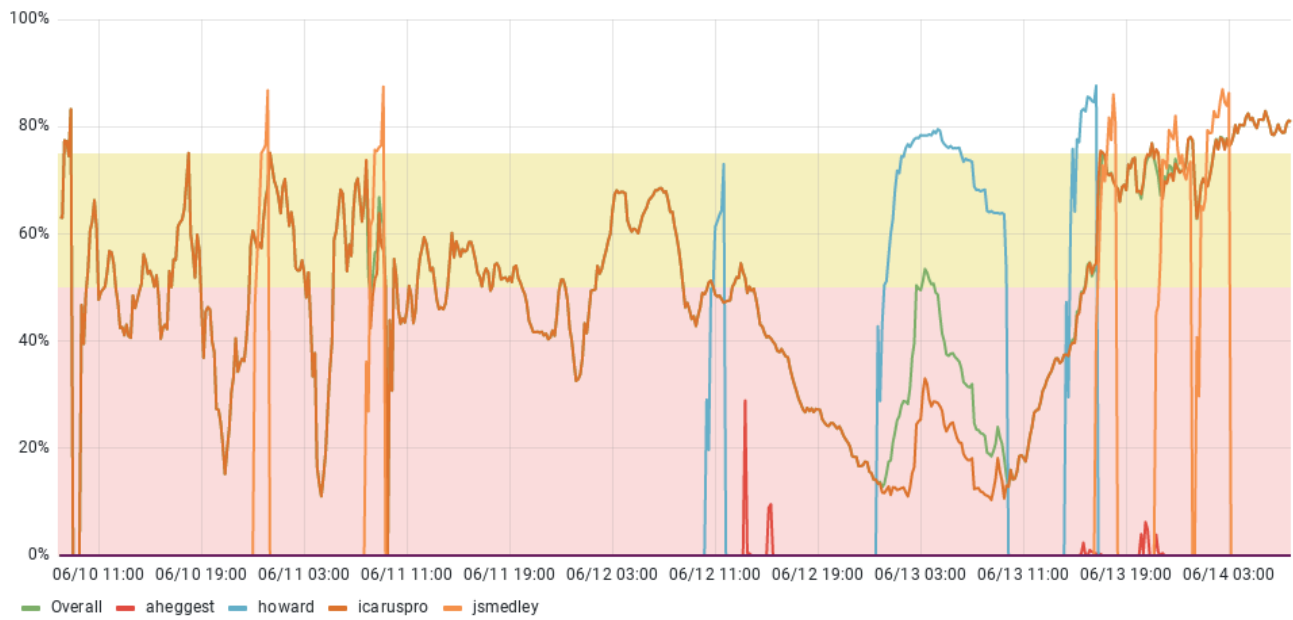
FNAL Onsite Running Jobs by User & GPGGrid Quota



User Job Efficiency

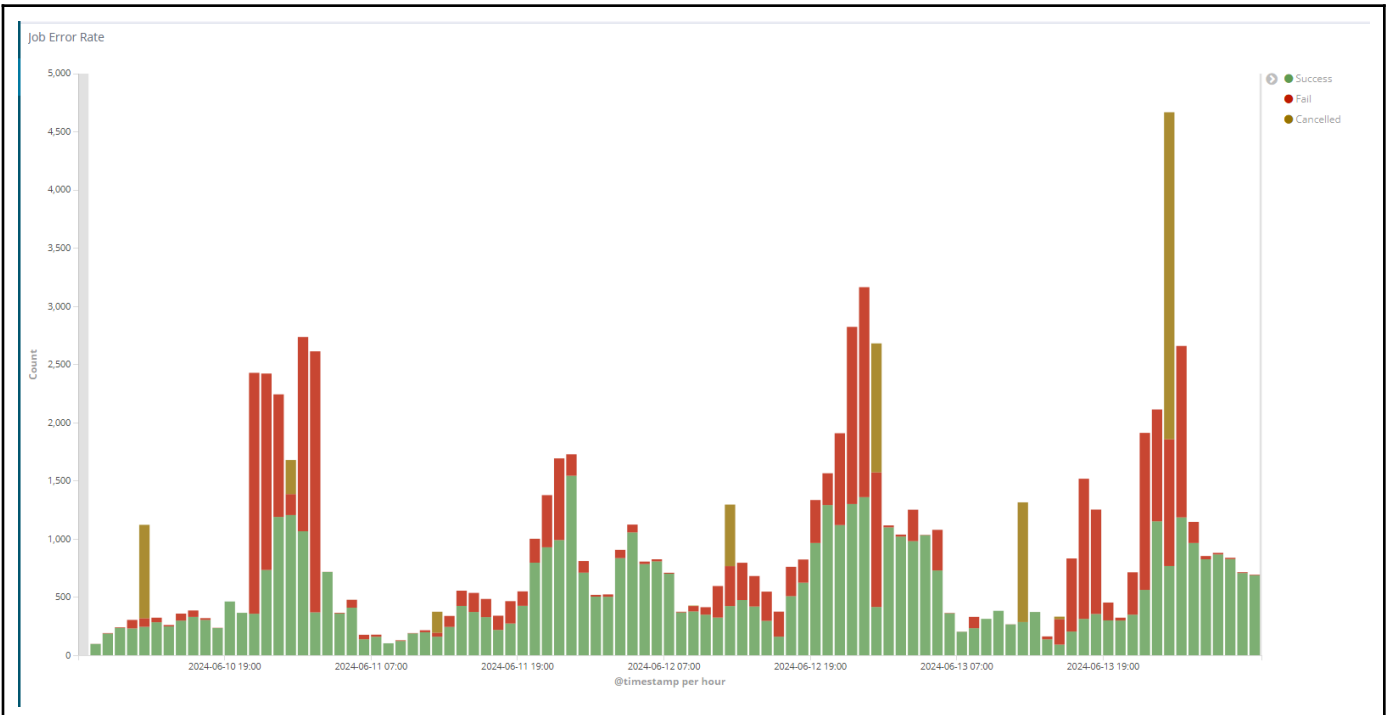
History of the User Job Efficiency for the last 4 days: [link](#)

User & Overall Efficiency

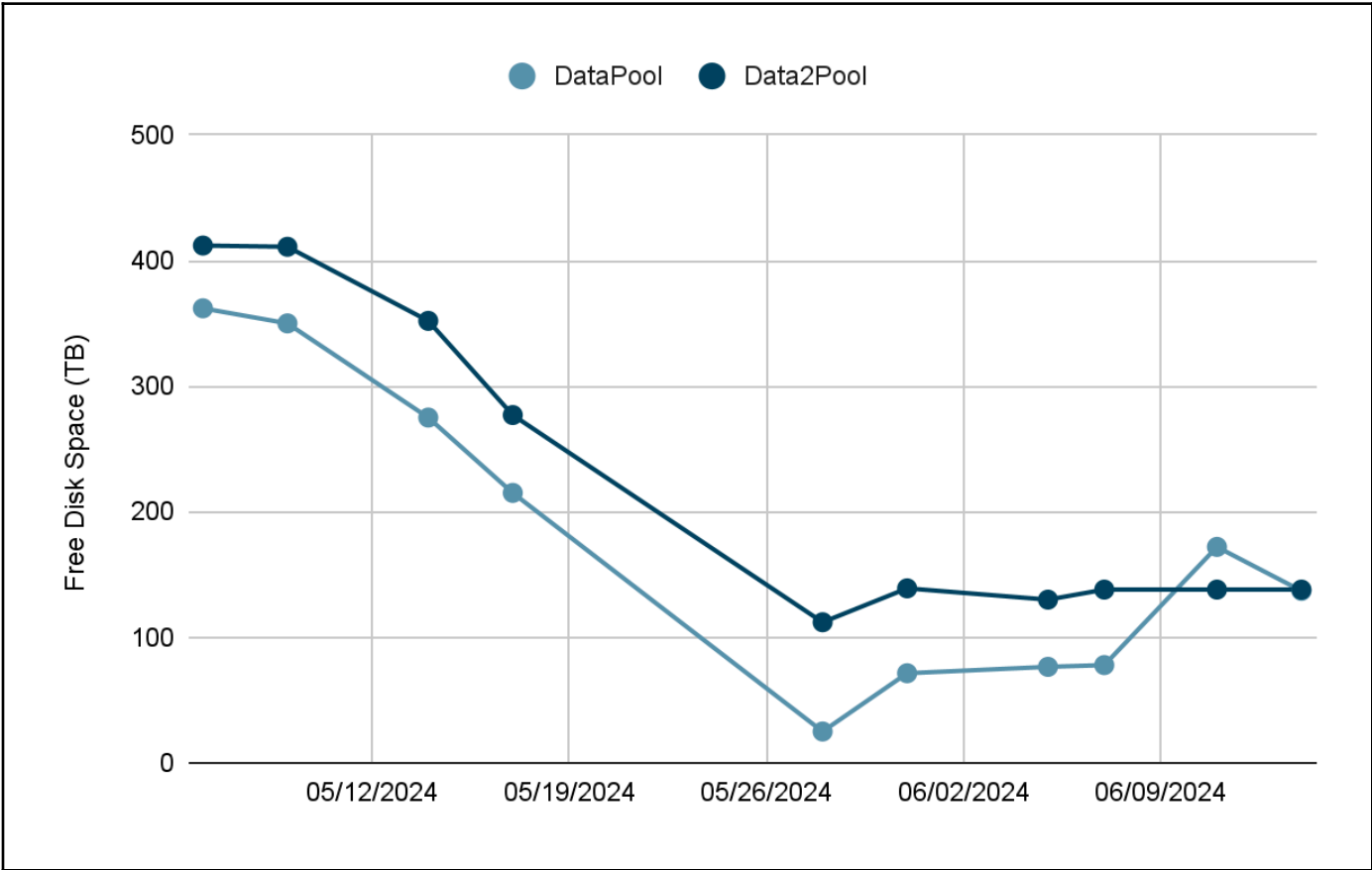


Icaruspro Jobs Exit Code

History of the icaruspro job exit code for the last 4 days: [link](#)



SBN Data Pools
[link](#)



Active Campaigns in POMS

| Campaign Name | ID | Creator | Note |
|---|------|----------|---------------|
| 2024A_ICARUS_BNB_nue_volDetEnclosure_MC | 8512 | drielsma | Request #47 ? |
| NuMI_MC_reprocess_LArCV_wRUCIO_SLAC | 8505 | drielsma | ? |
| 2024A_ICARUS_Run2_Reprocess_DATA_v09_89_01_bnbmajority | 8433 | promitar | Request #29 |
| CloneCampaign_FT_test_DATA_2 | 8427 | ftapia | Test |
| icarus_keepup_Physics_allstreams_Run3 | 8401 | icaro | Keepup |
| 2024_Run3_Run11816_OpticalReconstruction_WG_offbeambnbminbias | 8140 | promitar | Request #13 |
| MCC1.1_icarus_prod_mu_proton_bnblike_center | 4522 | drielsma | ? |

| | | | |
|--|------|----------|---|
| MCC1.1_icarus_prod_mu_proton_bnblake_cathode | 4521 | drielsma | ? |
|--|------|----------|---|

Link [here](#)

Notes

- Link to [action items](#)
- Link to [open issues](#)
- **New production poms server pomsgpvm02.fnal.gov that is running Alma9**
 - This upgrade required a few changes for stability and compatibility, among these changes is a **significant change to the way POMS handles the submission wrap-up, which locates sam submissions, and marks submissions as located if they meet the criteria for it.**
 - At this time, **I would like everyone that is currently active in poms to change their POMS bookmarks to pomsgpvm02.fnal.gov as this will be the “official” page moving forward.** Once the change occurs, poms.fnal.gov will be an alias to the new poms server as well.
 - **Users should use the new server for ALL POMS OPERATIONS,** unless an error is preventing you from doing what you need to do. In other words, please do not use pomsgpvm01.fnal.gov unless you absolutely have to.
 - During this transition phase, please take note of anything that does not appear to be running as it is supposed to, including the url, and the specific areas that you believe are incorrect (if any). The more details you provide, the quicker I can determine a solution.
 - Additionally, the new poms server will be handling the wrapup_tasks functionality. If you notice that your submissions are not being marked as located correctly, please let me know asap, and provide the submission id or url for it.
 - If no issues are reported, I will assume that all is well and give SSI the green light to shut down pomsgpvm01.fnal.gov and proxy all POMS traffic to pomsgpvm02.fnal.gov @ EOD Wednesday, June 12, 2024. Tldr;
 - pomsgpvm01.fnal.gov will be shutting down soon
 - pomsgpvm02.fnal.gov is live and will be replacing pomsgpvm01.fnal.gov
 - Includes several changes for compatibility with new os
 - The way we mark submissions as located is significantly different

CNAF

- RUCIO transfers?

FNAL

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Keepup

- ICT:

Infrastructure

- GC:

Software

- TU:

Computing

- VDB: