ANNIE - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
20572	Task	New	Normal	Create tape backed storage area for production reco files	Steven Gardiner	08/09/2018 11:11 AM
20349	Task	Assigned	Normal	Magnetization of the tank	Emrah Tiras	07/18/2018 01:37 PM
18938	Task	New	Normal	Design for separate ACDC voltage regulator board		02/09/2018 09:43 AM
18937	Task	New	Normal	Design the backboard for the LAPPD with ACDC connectors		02/09/2018 09:31 AM
18933	Task	New	Normal	Firmware upgrades for KOTO boards (2 different trigger schemes)		02/09/2018 09:13 AM
18932	Task	New	Normal	Ethernet interface for ACC		02/09/2018 09:13 AM
18931	Task	New	Normal	Finish new ACDC-ACC interface firmware		02/09/2018 09:12 AM
18930	Task	New	Normal	In situ calibration of MRD layers		02/09/2018 09:07 AM
18929	Task	New	Normal	Functional test of new MRD layers		02/09/2018 09:07 AM
18928	Task	New	Normal	Finish MRD Refurbishment		02/09/2018 09:06 AM
18573	Task	Work in progress	Normal	Gd-Safety and procedures (discussion with Angela)	Emrah Tiras	02/09/2018 10:50 AM
18572	Task	New	Normal	Cleanliness and handling strategy		06/12/2018 09:20 AM
18571	Task	New	Normal	Finalize design and layout of water system		01/25/2018 07:40 AM
18570	Task	New	Normal	Finalize experimental layout in the hall		12/14/2017 01:39 PM
18569	Task	New	Normal	Revise Specification Doc.		06/12/2018 09:18 AM
18568	Task	New	Normal	Finalize design of transparency calibration system		12/14/2017 01:34 PM
18567	Task	New	Normal	Finalize design of source calibration system		12/14/2017 01:33 PM
18566	Task	New	Normal	Finalize design of timing calibration system		01/25/2018 07:39 AM
18565	Task	New	Normal	Final layout of new LAPPD housing		06/12/2018 09:19 AM
18564	Task	New	Normal	Separate voltage regulators from ACDCs to separate board		06/12/2018 09:20 AM
18562	Task	New	Normal	Draft LAPPD mounting board design		06/12/2018 09:19 AM
18561	Task	Work in progress	Normal	Write TSW	Emrah Tiras	06/12/2018 09:18 AM
18560	Task	New	Normal	Figure out how to optically isolate the inner volume		12/14/2017 01:14 PM
18556	Task	New	High	Design of the new tank lid		01/25/2018 07:34 AM
18553	Task	New	High	Finalize design concept of inner structure	Matthew Wetstein	06/13/2018 01:28 AM
15595	Task	Assigned	Normal	SAM onboarding	Arthur Kreymer	01/25/2018 07:25 AM
15476	Task	Resolved	High	Remove from persistent runs <= 247	Arthur Kreymer	08/31/2017 08:37 AM
15475	Task	Resolved	High	Remove v2data runs converted to v5data	Arthur Kreymer	08/31/2017 08:39 AM
14890	Task	Resolved	High	remove older files from /pnfs/annie/persistent/raw	Arthur Kreymer	01/05/2017 09:41 AM
13885	Task	Work in progress	High	Move raw and processed data to per-run directories	Steven Gardiner	01/25/2018 07:26 AM
11351	Task	Assigned	Normal	DAQ output TOOL	Benjamin Richards	01/15/2016 08:03 AM

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11349	Task	New	High	DAQ board reader TOOL		01/15/2016 08:05 AM
11348	Task	New	Normal	Postgress setup		01/05/2016 08:22 AM
11347	Task	New	Normal	DAQ monitoring system	Benjamin Richards	01/05/2016 08:21 AM
11346	Task	Resolved	Normal	DAQ Control systems	Benjamin Richards	01/15/2016 08:07 AM
11345	Task	New	Normal	DAQ Serialisation		01/05/2016 08:17 AM
11344	Task	Resolved	Normal	DAQ Jason (lite) messgae passing	Benjamin Richards	01/15/2016 08:09 AM
11343	Task	Resolved	Normal	DAQ Bool functions /status reporting	Benjamin Richards	01/15/2016 08:08 AM
11342	Task	Resolved	Normal	DAQ ZMQ/multicast integration	Benjamin Richards	01/15/2016 08:07 AM
11100	Task	New	Normal	Cables for Forward Veto		04/06/2016 11:09 PM
11099	Task	New	Normal	Installation of Forward Veto Cabling		04/06/2016 11:07 PM
11095	Task	New	Normal	Populate Crates in Hall		04/06/2016 11:06 PM
11093	Task	New	Normal	Modify top of tank, add round offs		01/12/2016 02:36 PM
11092	Task	New	Normal	Finish design of PMT holders		01/22/2016 08:51 AM
11090	Task	New	Normal	PMT cabling and shipping		04/06/2016 11:05 PM
11089	Task	New	Normal	Set up water skid and recirculation system		01/25/2018 07:20 AM
11088	Task	New	Normal	Detector commissioning with water		01/25/2018 07:21 AM
11087	Task	New	Normal	DAQ commissioning		01/25/2018 07:10 AM
11084	Task	New	Normal	Construction of NCV		04/06/2016 11:07 PM
11082	Task	New	Normal	Access Platform: construction and installation		04/06/2016 11:11 PM
11081	Task	New	Normal	Practice lower inner structure into tank		04/06/2016 11:06 PM
11080	Task	New	Normal	Construction of Inner Structure		01/12/2016 02:29 AM
11079	Task	New	Normal	Spot testing of PMTs		04/06/2016 11:05 PM
11078	Task	New	Normal	Development of PMT installation procedure		04/06/2016 11:05 PM
11076	Task	New	Normal	Final decision on liner specs and estimate		01/12/2016 02:33 AM
10543	Task	Resolved	Normal	Check availability of local timing references	Jonathan Eisch	11/02/2015 01:31 PM
10535	Task	New	Normal	Select and buy a suitable GPS receiver	Jonathan Eisch	01/25/2018 07:16 AM
10534	Task	Assigned	Normal	Determine GPS antenna location at ANNIE Hall	Jonathan Eisch	01/25/2018 07:17 AM
10533	Task	Assigned	Normal	Determine the suitability of GPS timing reference	Jonathan Eisch	01/25/2018 07:17 AM
10532	Task	Assigned	Normal	Select timing sources	Jonathan Eisch	01/25/2018 07:17 AM
10531	Task	Closed	Normal	Get two more MT boards from Wah	Matthew Wetstein	12/17/2015 05:23 PM
10530	Task	Assigned	Normal	Timing distribution system	Jonathan Eisch	01/25/2018 07:17 AM
10512	Task	New	Normal	Test final pickoff/splitter		04/06/2016 11:14 PM
10510	Task	Assigned	Normal	Mount pickoff/splitter pcb in enclosure, solder wires to bulkhead connectors	Jonathan Eisch	04/06/2016 11:09 PM

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10509	Task	Assigned	Normal	Attach bulkhead connectors and pcb mounting hardware	Jonathan Eisch	04/06/2016 11:13 PM
10470	Task	Resolved	Normal	Machine pickoff/splitter enclosure	Jonathan Eisch	01/12/2016 03:05 PM
10469	Task	Closed	Normal	Order rack enclosure		12/18/2015 02:43 PM
10468	Task	Assigned	Normal	Pickoff/splitter enclosure production	Jonathan Eisch	04/06/2016 11:13 PM
10466	Task	Closed	Normal	Get bulkhead connectors for pickoff/splitter enclosure	Jonathan Eisch	12/18/2015 02:43 PM
10465	Task	Closed	Normal	Get FNAL EE staff to signoff on the enclosure design		12/17/2015 05:03 PM
10464	Task	Closed	Normal	Get FNAL guidelines for HV pickoff/splitter	Jonathan Eisch	12/18/2015 02:43 PM
10463	Task	Assigned	Normal	HV pickoff/splitter enclosure	Jonathan Eisch	04/06/2016 11:13 PM
10462	Task	Closed	Normal	Order components for full-sized pickoff/splitter board	Jonathan Eisch	12/21/2015 01:03 PM
10461	Task	Resolved	Normal	Full sized pickoff/splitter board population	Jonathan Eisch	01/12/2016 03:07 PM
10460	Task	Closed	Normal	Produce full size pickoff/splitter board	Jonathan Eisch	12/17/2015 05:17 PM
10459	Task	Closed	Normal	Verify prototype design with FNAL EE staff	Jonathan Eisch	12/17/2015 05:16 PM
10458	Task	Closed	Normal	panelize prototype design	Jonathan Eisch	12/17/2015 05:13 PM
10457	Task	Assigned	Normal	Design and build full sized pickoff/splitter board	Jonathan Eisch	01/12/2016 03:07 PM
10456	Task	Resolved	Normal	Test HV resilliance up to 3kV	Jonathan Eisch	10/12/2015 02:40 PM
10455	Task	Closed	Normal	Test AC characteristics without HV	Jonathan Eisch	12/17/2015 05:14 PM
10454	Task	Closed	Normal	Test prototype pickoff board	Jonathan Eisch	12/17/2015 05:21 PM
10453	Task	Closed	Normal	pickoff prototype board population	Jonathan Eisch	12/18/2015 02:46 PM
10452	Task	Closed	Normal	pickoff prototype board production	Jonathan Eisch	12/18/2015 02:46 PM
10451	Task	Closed	Normal	board design	Jonathan Eisch	12/17/2015 05:22 PM
10450	Task	Closed	Normal	Design and build prototype	Jonathan Eisch	12/17/2015 05:22 PM
10449	Task	Assigned	Normal	HV pickoff & signal splitter	Jonathan Eisch	04/06/2016 11:14 PM
10447	Task	Rejected	Normal	Cables for VME power supply	Jonathan Eisch	12/17/2015 05:11 PM
10446	Task	Closed	Normal	Test VME power supply	Jonathan Eisch	12/17/2015 05:10 PM
10444	Task	Closed	Normal	Power supply for VME crate	Jonathan Eisch	12/17/2015 05:11 PM
10443	Task	Assigned	Normal	Make readout methods (to be used by artdaq)	Jonathan Eisch	01/25/2018 07:16 AM
10442	Task	Resolved	Normal	Throughput testing for ADC cards	Jonathan Eisch	10/22/2015 01:40 PM
10441	Task	Closed	Normal	Readout events from two ADC cards	Jonathan Eisch	12/17/2015 05:08 PM
10440	Task	Assigned	Normal	Externally trigger ADC cards	Jonathan Eisch	01/25/2018 07:14 AM
10203	Task	New	Normal	Determine placement of water pump	Carrie McGivern	01/12/2016 02:33 AM
10201	Task	New	Normal	Determine how structure and top will be lowered in ANNIE Hall	Carrie McGivern	01/19/2016 02:33 PM
10176	Task	New	Normal	Design of inner strcture	Carrie McGivern	01/12/2016 02:31 AM
10175	Task	New	Normal	Design of access platform	Carrie McGivern	12/06/2015 10:36 AM

#	Tracker	Status	Priority	Subject	Assignee	Updated
10174	Task	New	Normal	Design of tank top	Carrie McGivern	01/12/2016 02:32 AM
10173	Task	New	Normal	Cost out plastic bag liner, get lead time	Matthew Wetstein	12/06/2015 10:33 AM
10171	Task	New	Normal	Follow up with Steve Dazeley	Matthew Wetstein	09/18/2015 12:59 PM
10170	Task	New	Normal	Cost out PVC for ANNIE Run I Plan (with plan B)	Carrie McGivern	01/12/2016 02:34 AM
9679	Task	Closed	Normal	Pick a standard OS for DAQ operations	Jonathan Eisch	10/06/2015 01:46 PM
9089	Task	Assigned	Normal	UC ADC cards	Jonathan Eisch	01/25/2018 07:16 AM
9087	Task	Closed	Normal	Get quotes for modern VME single-board computers	Jonathan Eisch	10/09/2015 01:11 PM
9086	Task	Assigned	Normal	Contact Zarko Pavlovic about beam timing signals.	Jonathan Eisch	06/10/2015 10:48 AM
8913	Task	Assigned	Normal	Send an ACDC + central card to QMUL	Matthew Wetstein	10/09/2015 01:09 PM
8907	Task	Closed	Normal	Ship PSEC eval card to QMUL		10/09/2015 01:11 PM
8854	Task	New	Normal	Ship the muon veto structure		08/05/2015 11:47 PM
8853	Task	New	Normal	Water system shipped to FNAL for storage		12/06/2015 10:24 AM
8815	Task	New	Normal	Final Decision on MRD and veto electronics		04/06/2016 11:08 PM
8814	Task	Closed	Normal	Splitting the PMT signal into the PSEC electronics	Jonathan Eisch	10/13/2015 04:36 PM
8813	Task	Assigned	Normal	Design for clock distribution and timing	Jonathan Eisch	01/25/2018 07:15 AM
8812	Task	Assigned	Normal	Solidify Layout and number of crates channels for ANNIE RunI (Run II)	Matthew Wetstein	04/06/2016 11:14 PM
8811	Task	Resolved	Normal	Figure out the data rates and size of output from the system	Jonathan Eisch	10/22/2015 01:38 PM
8809	Task	Assigned	Normal	Interface for PSEC electronics with ART system	Karen Hayrapetyan	10/09/2015 01:06 PM
8808	Task	New	Normal	Get details of what we can get from the beam spill and timing	Jonathan Eisch	06/10/2015 10:48 AM
8807	Task	Closed	Normal	Get FADCs from UChicago		10/06/2015 01:45 PM
8804	Task	Closed	Normal	Follow up with PREP on LeCroy 1440s		10/09/2015 01:05 PM
8636	Task	New	Normal	Installation and commissioning of NCV		01/25/2018 07:11 AM
8634	Task	New	Normal	Order materials for PMT structure		04/06/2016 11:09 PM
8633	Task	New	Normal	MRD + veto system testing		04/06/2016 11:09 PM
8627	Task	New	Normal	SciBooNE driven calculation of skyshine rates		06/04/2015 10:33 AM
8625	Task	New	Normal	Full MC model with 3D PMTs to study neutron tagging efficiencies		01/25/2018 07:24 AM
8623	Task	New	Normal	Geant-based estimate of beam neutron rates and energies		01/25/2018 07:22 AM
8618	Task	New	Normal	Sign over stewardship of the MRD steel		06/05/2015 06:39 AM
8617	Task	New	Normal	Follow up with NMSU about keeping the MRD Scintillator		12/18/2015 09:22 AM
8616	Task	New	Normal	Follow up on Fermilab PMTs/Scintillator		06/09/2015 02:02 AM
8615	Task	New	Normal	Arrange to get the Kansas/Syracuse PMTs and scintillator		06/05/2015 06:42 AM
8600	Task	New	Normal	Dark commissioning of PMTs in ANNIE Hall (no water)		01/25/2018 07:10 AM
8599	Task	New	Normal	Begin Run1 data taking		01/25/2018 07:11 AM

#	Tracker	Status	Priority	Subject	Assignee	Updated
8577	Task	New	Normal	Water fill		01/25/2018 07:11 AM
8576	Task	New	Normal	Assembly and installation of PMT modules		04/06/2016 11:06 PM
8575	Task	New	Normal	Contact Stephen Geer about June PAC meeting		05/21/2015 10:07 AM
8573	Task	New	Normal	Approval to purchase tank, from IA State Purchasing		05/27/2015 07:54 AM
8572	Task	New	Urgent	Fermilab approval for tank purchase		06/09/2015 02:01 AM