

Project1

ID	Task Name	Work	Duration	Start	Finish	Predecessors	Resource Names
1	mock data challenge	0 hrs	0 days	Wed 12/4/13	Wed 12/4/13	54,52,7,23,2	
2	detector geometry for mock data	0 hrs	0 days	Mon 11/11/13	Mon 11/11/13		
3	run simulation production	480 hrs	60 days	Mon 2/3/14	Mon 4/28/14	52,57,1	
4	run SLIC	320 hrs	2 mons	Mon 2/3/14	Mon 3/31/14	7,10	Jlab batch
5	run readout sim	160 hrs	1 mon	Mon 3/31/14	Mon 4/28/14	7,10,18	Jlab batch
6	ready to run	0 hrs	0 days	Fri 5/9/14	Fri 5/9/14	39,48,51,58	
7	primary event generation	120 hrs	112.25 days	Mon 7/1/13	Wed 12/4/13		
8	tune preselection cuts for trigger events	80 hrs	2 wks	Thu 10/10/13	Wed 12/4/13		Takashi
9	apply multiple scattering to tridents	40 hrs	1.9 wks	Mon 7/1/13	Fri 7/12/13		Sho
10	detector geometry & sim	296 hrs	135.25 days	Mon 7/29/13	Mon 2/3/14		
11	add muon geometry	80 hrs	2 wks	Thu 10/10/13	Wed 12/4/13		Maurik
12	finalize Ecal geometry (simple flange model)	40 hrs	1.9 wks	Mon 7/29/13	Fri 8/9/13		Sho
13	finalize SVT geometry (add dead material)	40 hrs	1 wk	Thu 10/10/13	Wed 10/23/13		Sho
14	add beamline dead material (dipole)	40 hrs	1 wk	Thu 10/10/13	Wed 11/6/13		Norman
15	compare old and current Geant4 versions	40 hrs	1 wk	Thu 1/2/14	Wed 1/29/14		Maurik
16	test 3D field map in SLIC	40 hrs	1 wk	Thu 10/10/13	Wed 10/23/13		Matt
17	add real 3D field map	16 hrs	2 days	Thu 1/23/14	Mon 2/3/14		Norman
18	trigger and readout sim	320 hrs	74.25 days	Thu 10/24/13	Wed 2/5/14		
19	add muon readout	40 hrs	1 wk	Thu 12/5/13	Wed 1/1/14	11	Maurik
20	muon system trigger studies	160 hrs	1 mon	Wed 1/1/14	Wed 1/29/14	19	muon guys
21	add muon trigger	40 hrs	1 wk	Wed 1/29/14	Wed 2/5/14	20	muon guys
22	update to reflect FADC/trigger firmware changes	40 hrs	1 wk	Thu 1/2/14	Wed 1/15/14		Sho
23	add noise/resolution to Ecal sim	40 hrs	1 wk	Thu 10/24/13	Wed 11/6/13		Sho
24	reconstruction ready	0 hrs	0 days	Mon 3/10/14	Mon 3/10/14	25,54	
25	reconstruction	920 hrs	180.25 days	Mon 7/1/13	Mon 3/10/14		
26	SVT recon (tracking) improvements	520 hrs	180.25 days	Mon 7/1/13	Mon 3/10/14		
27	vertexing in B-field	40 hrs	1 wk	Thu 12/19/13	Wed 1/1/14		Matt
28	reorganize tracking code	80 hrs	2 wks	Thu 11/7/13	Mon 3/10/14		Norman
29	use single layers for tracking	80 hrs	7.85 wks	Thu 11/28/13	Wed 1/22/14		Norman
30	kalman filter/GBL	160 hrs	2.73 mons	Mon 7/1/13	Fri 9/13/13		Pelle
31	complete SVT time recon (arbitrary shape, multiple	120 hrs	3 wks	Thu 11/21/13	Wed 1/1/14		Sho
32	use hit time in tracking	40 hrs	1 wk	Thu 1/16/14	Wed 1/29/14		Sho
33	Ecal recon improvements	160 hrs	79.5 days	Thu 10/10/13	Wed 1/29/14		
34	use sampling fraction in Ecal recon	80 hrs	2 wks	Thu 10/10/13	Wed 11/6/13		INFN/Orsay
35	test clustering algorithm(s)	80 hrs	2 wks	Thu 1/2/14	Wed 1/29/14		INFN/Orsay
36	muon system recon	80 hrs	39.25 days	Thu 10/10/13	Wed 12/4/13		
37	muon system PID	80 hrs	2 wks	Thu 10/10/13	Wed 12/4/13		Yuri/Keith
38	event filtering	160 hrs	1 mon	Thu 10/24/13	Wed 12/18/13		Matt
39	monitoring	744 hrs	111.25 days	Thu 10/10/13	Fri 3/14/14		
40	"HPSED" (low-level monitoring)	120 hrs	3 wks	Thu 10/10/13	Thu 2/6/14		Stacy

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41		Wired event display	80 hrs	2 wks	Mon 1/20/14	Fri 3/14/14		Jeremy
42		define interfaces for monitoring app components	24 hrs	3 days	Thu 11/7/13	Fri 11/22/13		Jeremy
43		Ecal monitoring	80 hrs	2 wks	Fri 11/22/13	Fri 12/20/13	42	INFN/Orsay
44		Ecal low-level (DAQ) monitoring	80 hrs	2 wks	Mon 12/2/13	Fri 12/27/13		Andrea
45		SVT monitoring	160 hrs	1 mon	Fri 11/22/13	Fri 1/17/14	42	Omar
46		muon monitoring	120 hrs	3 wks	Fri 11/22/13	Fri 12/13/13	42	Kyle
47		shifter interface, monitoring app	80 hrs	2 wks	Mon 11/25/13	Fri 1/17/14	42	Jeremy
48		calibrations	320 hrs	99.5 days	Thu 10/10/13	Wed 2/26/14		
49		Ecal calibrations (cosmics, pions)	160 hrs	1 mon	Thu 11/7/13	Wed 2/26/14		INFN/Orsay
50		track-based SVT alignment	160 hrs	1 mon	Thu 10/10/13	Wed 12/4/13	30	Pelle
51		infrastructure	320 hrs	162.5 days?	Mon 7/1/13	Wed 2/12/14		
52		set up sim production at Jlab	40 hrs	1.9 wks	Mon 7/15/13	Fri 7/26/13		Sho
53		oversampling of beam background	40 hrs	5 days?	Thu 1/30/14	Wed 2/12/14		Sho
54		set up recon production	40 hrs	1 wk	Thu 11/7/13	Wed 11/20/13		Sho
55		set up DST transfer to SLAC	40 hrs	1 wk	Thu 11/28/13	Wed 12/25/13		Homer
56		conditions system	80 hrs	2 wks	Wed 7/17/13	Wed 11/6/13		Jeremy
57		data catalog	80 hrs	2 wks	Mon 7/1/13	Wed 11/27/13		Homer
58		integration and commissioning	120 hrs	44 days	Mon 3/10/14	Fri 5/9/14		
59		integrate monitoring with ET system and conditions da	40 hrs	1 wk	Mon 3/17/14	Fri 4/11/14	56	Jeremy
60		commissioning monitoring	40 hrs	1 wk	Mon 4/14/14	Fri 5/9/14	59,39	Jeremy
61		commissioning recon production	40 hrs	1 wk	Mon 3/10/14	Mon 3/24/14	25,54,55,56,57	Sho