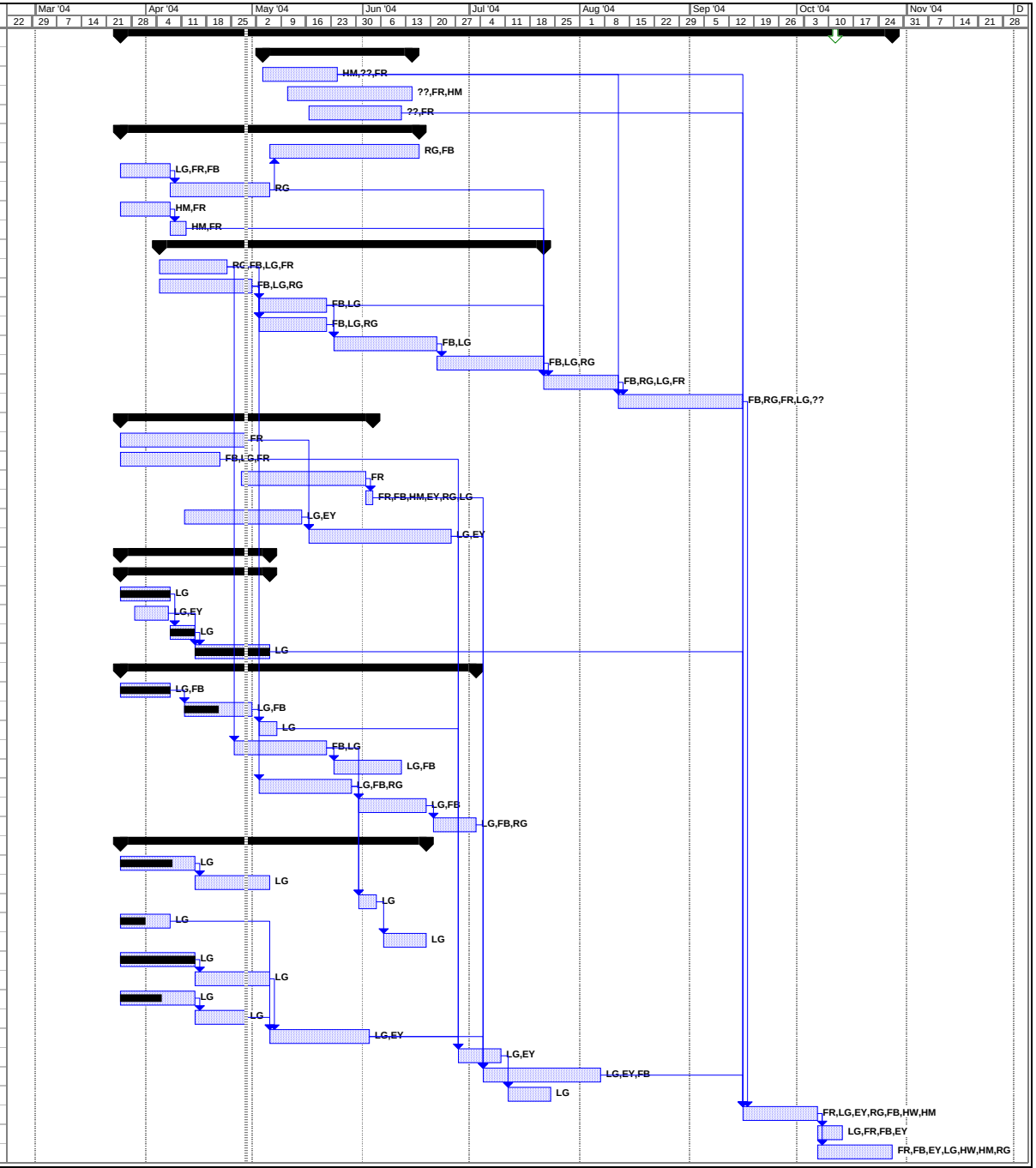
ID	Task Name	Duration	Start	Finish	Predecessors
1	**Start**	**155 days?**	**Thu 3/25/04**	**Wed 10/27/04**	
2	**"online" software**	**30 days**	**Tue 5/4/04**	**Mon 6/14/04**	
3	scalable to larger data set tests	15 days	Tue 5/4/04	Mon 5/24/04	
4	testing software for handling Si tests	25 days	Tue 5/11/04	Mon 6/14/04	
5	Analysis software	20 days	Mon 5/17/04	Fri 6/11/04	
6	**DAQ**	**60 days**	**Thu 3/25/04**	**Wed 6/16/04**	
7	Linux/PCI DAQ	30 days	Thu 5/6/04	Wed 6/16/04	9
8	investigate VME vs PCI	10 days	Thu 3/25/04	Wed 4/7/04	
9	design new receiver/system	20 days	Thu 4/8/04	Wed 5/5/04	8
10	adapt existing labview	10 days	Thu 3/25/04	Wed 4/7/04	
11	investigate labview scalability	2.5 days	Thu 4/8/04	Mon 4/12/04	10
12	**Readout**	**78 days**	**Mon 4/5/04**	**Wed 7/21/04**	
13	design TRAPADC system	15 days	Mon 4/5/04	Fri 4/23/04	
14	design altro based system	20 days	Mon 4/5/04	Fri 4/30/04	
15	design altro/end of cable pcb	15 days	Mon 5/3/04	Fri 5/21/04	14
16	design pci pcb	15 days	Mon 5/3/04	Fri 5/21/04	13,14
17	procure parts	21 days	Mon 5/24/04	Mon 6/21/04	15,16
18	fab and test	22 days	Tue 6/22/04	Wed 7/21/04	17
19	integrate rdo/daq	15 days	Thu 7/22/04	Wed 8/11/04	18,15,11,9
20	integrate online/analysis/rdo/daq	25 days	Thu 8/12/04	Wed 9/15/04	19,3
21	**Detectors**	**51 days**	**Thu 3/25/04**	**Thu 6/3/04**	
22	procure testable detectors	25 days	Thu 3/25/04	Wed 4/28/04	
23	Procure dummy chips	20 days	Thu 3/25/04	Wed 4/21/04	
24	Procure good detectors	25 days	Wed 4/28/04	Tue 6/1/04	
25	prebond test?	2 days	Wed 6/2/04	Thu 6/3/04	24
26	develop Si handling techniques	25 days	Mon 4/12/04	Fri 5/14/04	
27	test handling techniques	30 days	Mon 5/17/04	Fri 6/25/04	26,22
28	**Mechanical**	**30 days**	**Thu 3/25/04**	**Wed 5/5/04**	
29	**ladder test box**	**30 days**	**Thu 3/25/04**	**Wed 5/5/04**	
30	design ladder test box	10 days	Thu 3/25/04	Wed 4/7/04	
31	design additional cooling?	7.5 days	Mon 3/29/04	Wed 4/7/04	
32	procure parts	5 days	Thu 4/8/04	Wed 4/14/04	30
33	fabricate box	15 days	Thu 4/15/04	Wed 5/5/04	31,32
34	**kapton/Al cables**	**72 days**	**Thu 3/25/04**	**Fri 7/2/04**	
35	design mech heater cable	10 days	Thu 3/25/04	Wed 4/7/04	
36	fab heater cable	15 days	Mon 4/12/04	Fri 4/30/04	35
37	test heater cable	5 days	Mon 5/3/04	Fri 5/7/04	36
38	design RDO cable (TRAPADC)	20 days	Mon 4/26/04	Fri 5/21/04	13
39	fab RDO cable (TRAPADC)	15 days	Mon 5/24/04	Fri 6/11/04	38
40	design RDO cable with drivers (altro)	20 days	Mon 5/3/04	Fri 5/28/04	14
41	fab RDO cable (altro) w/ drivers	15 days	Mon 5/31/04	Fri 6/18/04	40
42	test driver cables	10 days	Mon 6/21/04	Fri 7/2/04	41
43	**carbon fiber beams**	**62 days**	**Thu 3/25/04**	**Fri 6/18/04**	
44	design RVC/carbon comp beam	15 days	Thu 3/25/04	Wed 4/14/04	
45	test process for production of RVC/cc beam	15 days	Thu 4/15/04	Wed 5/5/04	44
46	design oversize carriers for Mimosa tests	5 days	Mon 5/31/04	Fri 6/4/04	40,38
47	fab 4 good quality carriers (testing)	10 days	Thu 3/25/04	Wed 4/7/04	
48	fab >2 oversized carriers	10 days	Mon 6/7/04	Fri 6/18/04	46
49	procure RVC foam	15 days	Thu 3/25/04	Wed 4/14/04	
50	design fixturing	15 days	Thu 4/15/04	Wed 5/5/04	49
51	procure rohacell	15 days	Thu 3/25/04	Wed 4/14/04	
52	design forming fixturing	10 days	Thu 4/15/04	Wed 4/28/04	51
53	assemble 2-4 good beams each type	20 days	Thu 5/6/04	Wed 6/2/04	52,47,50
54	assemble mechanical dummy	10 days	Mon 6/28/04	Fri 7/9/04	53,37,23,27
55	assemble detector ladder	25 days	Mon 7/5/04	Fri 8/6/04	53,42,25,27
56	Test (thermal, mech)	10 days	Mon 7/12/04	Fri 7/23/04	54
57	Test (box, Fe55)	15 days	Thu 9/16/04	Wed 10/6/04	55,33,3,5,20
58	Si survive handling?	5 days?	Thu 10/7/04	Wed 10/13/04	57
59	beam test	15 days	Thu 10/7/04	Wed 10/27/04	57



Project: pixel_ladder_3
Date: Thu 4/29/04

Task | Progress | Summary | External Tasks | Deadline
Split | Milestone | Project Summary | External Milestone