

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
1	64%			1.2	Run IIb Trigger Upgrade	1013 d		Thu 11/1/01	Thu 12/1/05		#####
2	75%			1.2.1	Level 1 Calorimeter Trigger	978 d		Wed 1/2/02	Thu 12/1/05		#####
3	68%			1.2.1.1	ADC/Digital Filter (ADF)	978 d		Wed 1/2/02	Thu 12/1/05		#####
4	100%			1.2.1.1.1	Saclay Tasks	572 d		Wed 1/2/02	Fri 4/16/04		#####
5	100%			1.2.1.1.1.1	Design prototype ADF	53 w		Wed 1/2/02	Fri 1/24/03	6,19	#####
6	100%			1.2.1.1.1.2	Layout prototype ADF	17 w	5	Mon 1/27/03	Fri 5/23/03	7	#####
7	100%			1.2.1.1.1.3	Fabricate/Assemble Prototype ADF	5.2 w	6	Tue 5/27/03	Tue 7/1/03	8,52	#####
8	100%			1.2.1.1.1.4	Bench Test Prototype ADF	13.6 w	7	Tue 7/15/03	Fri 10/17/03	7FF+2 w,9,22	#####
9	100%			1.2.1.1.1.5	Prototype L1 Calorimeter Trigger ADF Shipped To Fermilab	0 w	8	Tue 10/7/03	Tue 10/7/03	16FS+1 w	#####
10	100%			1.2.1.1.1.6	Design analog splitter	4 w		Fri 3/1/02	Thu 3/28/02	11	Fri 3/1/02
11	100%			1.2.1.1.1.7	Layout and fabricate analog splitter	8 w	10	Mon 7/1/02	Mon 8/26/02	12FS+1 w	#####
12	100%			1.2.1.1.1.8	Bench test analog splitter	9.2 w	11FS+1 w	Mon 11/4/02	Fri 1/17/03	16	#####
13	100%			1.2.1.1.1.9	Design SCL interface	46.8 w		Mon 7/15/02	Mon 6/23/03	14	#####
14	100%			1.2.1.1.1.10	Layout and fabricate SCL interface	8.6 w	13	Tue 6/24/03	Fri 8/22/03	15	#####
15	100%			1.2.1.1.1.11	Bench test SCL interface	7.8 w	14	Mon 8/25/03	Fri 10/17/03		#####
16	100%			1.2.1.1.1.12	ADF Prototype in-situ tests	9.4 w	9FS+1 w,12	Wed 10/15/03	Mon 12/22/03	17FS-2 w,54	#####
17	100%			1.2.1.1.1.13	Final ADF design - Production readiness review	0.2 w	16FS-2 w	Tue 12/9/03	Tue 12/9/03		#####
18	100%			1.2.1.1.1.14	Bench test 10% ADF	0.2 w		Fri 2/27/04	Fri 2/27/04		#####
19	100%			1.2.1.1.1.15	Digital filter FPGA programming	54.4 w	5	Mon 1/27/03	Fri 2/27/04		#####
20	100%			1.2.1.1.1.16	ADF offline software and analysis	13.8 w		Mon 1/12/04	Fri 4/16/04		#####
21	40%			1.2.1.1.2	MSU Tasks	539 d		Wed 10/1/03	Thu 12/1/05		#####
22	100%			1.2.1.1.2.1	Develop in-situ exercising/debugging software	9 w	8	Mon 10/20/03	Tue 12/23/03		#####
23	100%			1.2.1.1.2.6	Control/FW for prototype test 1	11.6 w		Wed 10/1/03	Tue 12/23/03	24	#####
24	85%		CC	1.2.1.1.2.7	Control/FW for prototype test 2	40 w	23	Fri 1/2/04	Wed 10/13/04	25	Fri 1/2/04
25	0%			1.2.1.1.2.8	Control/FW for integration testing	46 w	24	Thu 10/14/04	Mon 9/19/05		NA
26	66%			1.2.1.1.2.3	ADF Prototype v.2	290 d		Mon 1/5/04	Thu 3/3/05		#####
27	95%	X	CC	1.2.1.1.2.3.1	Layout ADF v.2 prototype	37 w		Mon 1/5/04	Thu 9/23/04	18,42FS-13 w	#####
28	0%			1.2.1.1.2.3.2	Fabricate ADF v.2 prototype	4 w	27	Fri 9/24/04	Thu 10/21/04	29	NA
29	0%			1.2.1.1.2.3.3	Assemble ADF v.2 prototype	2 w	28	Fri 10/22/04	Thu 11/4/04	30,31	NA
30	0%			1.2.1.1.2.3.4	Three ADF Cards Received By MSU	0 w	29	Thu 11/4/04	Thu 11/4/04	32	NA
31	0%			1.2.1.1.2.3.5	Two ADF Cards Received By Saclay	0 w	29	Thu 11/4/04	Thu 11/4/04		NA
32	0%			1.2.1.1.2.3.6	Perform bench tests at MSU	6 w	30	Fri 11/5/04	Mon 12/20/04	33	NA
33	0%			1.2.1.1.2.3.7	Perform tests at Fermilab	4 w	32	Tue 12/21/04	Thu 1/27/05	34,124	NA
34	0%			1.2.1.1.2.3.8	Production Design Approved	0 w	33	Thu 1/27/05	Thu 1/27/05	36	NA
35	100%			1.2.1.1.2.3.9	Production readiness review	0.2 w		Fri 2/27/04	Fri 2/27/04		#####
36	0%			1.2.1.1.2.3.10	Release ADF For Production	0 w	128,34	Thu 3/3/05	Thu 3/3/05	40	NA
37	21%			1.2.1.1.2.2	ADF Production	441 d		Fri 2/27/04	Thu 12/1/05		#####

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38	30%	X	CC	1.2.1.1.2.2.1	Procure ADF components	16 w	42SS	Wed 6/23/04	Thu 10/14/04		#####
39	100%			1.2.1.1.2.2.2	Fabricate, assemble 10% ADF	1 d		Fri 2/27/04	Mon 3/1/04		#####
40	0%			1.2.1.1.2.2.3	Fabricate production ADF	8 w	36	Fri 3/4/05	Thu 4/28/05	41SS+2 w	NA
41	0%			1.2.1.1.2.2.4	Bench test production ADF	18 w	40SS+2 w,43	Fri 3/18/05	Mon 7/25/05	46,44SS	NA
42	60%	X		1.2.1.1.2.2.6	Procure 10% ADF components	16 w	27FS-13 w	Wed 6/23/04	Thu 10/14/04	38SS	#####
43	33%			1.2.1.1.2.2.7	Specify/construct production test bench	39 w		Thu 4/1/04	Fri 1/14/05	41	#####
44	0%			1.2.1.1.2.2.8	Field test production ADF's	18 w	41SS	Fri 3/18/05	Mon 7/25/05	45	NA
45	0%			1.2.1.1.2.2.9	Field test full complement of ADF's	18 w	44	Tue 7/26/05	Thu 12/1/05		NA
46	0%			1.2.1.1.3	L1 Calorimeter Trigger ADF Production Complete And Tested	0 w	41	Mon 7/25/05	Mon 7/25/05	133	NA
47	78%			1.2.1.2	ADF Crates	371 d		Thu 5/1/03	Fri 10/22/04		#####
48	100%			1.2.1.2.1	Prototypes	204 d		Thu 5/1/03	Fri 2/27/04		#####
49	100%			1.2.1.2.1.1	Design transition backplane	3.4 w		Thu 5/1/03	Fri 5/23/03	50	#####
50	100%			1.2.1.2.1.2	Layout and fabricate transition backplane	8 w	49	Tue 5/27/03	Tue 7/22/03	51	#####
51	100%			1.2.1.2.1.3	Fabricate/Assemble prototype crate	9.2 w	50	Wed 7/23/03	Thu 9/25/03	52	#####
52	100%			1.2.1.2.1.4	Test prototype ADF in prototype crate	20 w	51,7	Fri 9/26/03	Thu 2/26/04	53,54	#####
53	100%			1.2.1.2.1.5	L1 Calorimeter Trigger ADF+Crate Prototype Complete	0 w	8,52	Thu 2/26/04	Thu 2/26/04		#####
54	100%			1.2.1.2.1.6	Final backplane design	0.2 w	52,16	Fri 2/27/04	Fri 2/27/04	56	#####
55	30%			1.2.1.2.2	Production	168 d		Fri 2/27/04	Fri 10/22/04		#####
56	100%			1.2.1.2.2.1	Procure crate components	0.2 w	54	Fri 2/27/04	Fri 2/27/04	57	#####
57	100%			1.2.1.2.2.2	Assemble ADF crates	0.2 w	56	Fri 2/27/04	Fri 2/27/04		#####
58	100%		CC	1.2.1.2.2.3	ADF crate specification	2 w		Thu 6/17/04	Wed 6/30/04	59	#####
59	20%			1.2.1.2.2.4	Procure ADF crates	16 w	58	Thu 7/1/04	Fri 10/22/04		#####
60	92%			1.2.1.3	Trigger Algorithm Board	775 d		Fri 2/1/02	Wed 3/16/05		Fri 2/1/02
61	100%			1.2.1.3.1	Prototypes	560 d		Fri 2/1/02	Fri 4/30/04		Fri 2/1/02
62	100%			1.2.1.3.1.1	Choose L1 Calorimeter Trigger Baseline Jet Algorithm	0 w	502SS+38 w	Thu 8/8/02	Thu 8/8/02	64	#####
63	100%			1.2.1.3.1.2	Design prototype Trigger Algorithm Board (TAB)	49 w		Fri 2/1/02	Tue 1/28/03		Fri 2/1/02
64	100%			1.2.1.3.1.3	Layout prototype TAB	36.6 w	62	Fri 8/9/02	Wed 5/7/03	65SS+2 w,66	Fri 8/9/02
65	100%			1.2.1.3.1.4	Procure prototype TAB parts	33.6 w	64SS+2 w	Fri 8/23/02	Wed 4/30/03	66FS-4 w	#####
66	100%			1.2.1.3.1.5	Fabricate/Assemble Prototype TAB	6.6 w	65FS-4 w,64	Thu 5/8/03	Tue 6/24/03	w,108FF-6 w	#####
67	100%			1.2.1.3.1.6	Develop TAB/GAB test software	73.4 w		Mon 11/4/02	Fri 4/30/04		#####
68	100%			1.2.1.3.1.7	Test prototype TAB	9.4 w	66	Wed 6/25/03	Fri 8/29/03	9,87FF,91FF	#####
69	100%			1.2.1.3.1.8	L1 Calorimeter Trigger TAB Prototype Complete	0 w	68	Fri 8/29/03	Fri 8/29/03		#####
70	100%			1.2.1.3.1.9	Pre-production TAB design	4 w	119	Mon 3/29/04	Fri 4/23/04	72,73	#####
71	75%			1.2.1.3.2	Production	162 d		Thu 4/22/04	Fri 12/10/04		#####
72	90%	X	CC	1.2.1.3.2.1	Procure TAB parts	29 w	70	Mon 4/26/04	Wed 11/17/04		#####
73	100%			1.2.1.3.2.2	Layout pre-production TAB	2 d	70	Thu 4/22/04	Fri 4/23/04	74	#####
74	100%		CC	1.2.1.3.2.3	Fabricate/Assemble pre-production TAB	5 w	73	Mon 4/26/04	Fri 5/28/04	79,124,75	#####

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75	100%	X		1.2.1.3.2.4	Final design and layout changes to TAB	2 w	74	Tue 6/1/04	Mon 6/14/04		#####
76	100%	X		1.2.1.3.2.6	Start Production TAB Fabrication	0 w	77SS	Tue 6/15/04	Tue 6/15/04	78	#####
77	0%			1.2.1.3.2.5	Fabricate production TAB	8 w	93	Thu 10/14/04	Fri 12/10/04	80,76SS	NA
78	6%			1.2.1.3.3	Bench Testing	195 d	76	Tue 6/1/04	Wed 3/16/05		#####
79	100%			1.2.1.3.3.1	Bench test pre-production TAB	0.8 w	74	Tue 6/1/04	Fri 6/4/04		#####
80	0%			1.2.1.3.3.2	Bench test production TAB	12 w	77	Mon 12/13/04	Wed 3/16/05	n,104SS+4 w	NA
81	88%			1.2.1.4	Global Algorithm Board (GAB)	651 d		Mon 7/29/02	Wed 3/16/05		#####
82	100%			1.2.1.4.1	Prototype	454 d		Mon 7/29/02	Wed 5/26/04		#####
83	100%			1.2.1.4.1.1	Design prototype GAB	45.8 w		Mon 7/29/02	Mon 6/30/03	84	#####
84	100%			1.2.1.4.1.2	Layout prototype GAB	18.4 w	83	Mon 7/21/03	Wed 11/26/03	85SS+2 w,86	#####
85	100%			1.2.1.4.1.3	Procure prototype GAB parts	37 w	84SS+2 w	Fri 8/23/02	Fri 5/23/03	86	#####
86	100%			1.2.1.4.1.4	Fabricate/Assemble Prototype GAB	9 w	85,84	Mon 12/1/03	Wed 2/11/04	87	#####
87	100%			1.2.1.4.1.5	Test Prototype GAB	15 w	86,68FF	Thu 2/12/04	Wed 5/26/04	24,98FS-1 w	#####
88	100%			1.2.1.4.1.6	L1 Calorimeter Trigger GAB Prototype Complete	0 w	87	Wed 5/26/04	Wed 5/26/04		#####
89	100%			1.2.1.4.1.7	Design/layout prototype VME/SCL interface	7 w		Mon 2/24/03	Fri 4/11/03	90	#####
90	100%			1.2.1.4.1.8	Fabricate/assemble prototype VME/SCL interface	4.2 w	89	Mon 4/14/03	Mon 5/12/03	91	#####
91	100%			1.2.1.4.1.9	Test prototype VME/SCL interface	9.4 w	90,68FF	Thu 5/22/03	Tue 7/29/03	117	#####
92	35%			1.2.1.4.2	Production	202 d		Thu 5/20/04	Wed 3/16/05		#####
93	0%		CC	1.2.1.4.2.1	Final GAB design - Production readiness review	1 w	119	Thu 10/7/04	Wed 10/13/04	94,95,77	NA
94	90%	X	CC	1.2.1.4.2.2	Procure GAB parts	12 w	93	Mon 8/30/04	Mon 11/22/04	96	#####
95	0%		CC	1.2.1.4.2.3	Layout final GAB	6 w	93	Thu 10/14/04	Wed 11/24/04	96	NA
96	0%			1.2.1.4.2.4	Fabricate production GAB	8 w	94,95	Mon 11/29/04	Wed 2/2/05	97	NA
97	0%			1.2.1.4.2.5	Bench test production GAB	6 w	96	Thu 2/3/05	Wed 3/16/05	114	NA
98	100%		CC	1.2.1.4.2.6	Final design/layout changes to production VME/SCL interface	0.4 w	87FS-1 w	Thu 5/20/04	Fri 5/21/04	99	#####
99	100%		CC	1.2.1.4.2.7	Fabricate/assemble production VME/SCL interface	0.4 w	98	Mon 5/24/04	Tue 5/25/04	100	#####
100	100%		CC	1.2.1.4.2.8	Bench test production VME/SCL interface	0.2 w	99	Wed 5/26/04	Wed 5/26/04	124FS-3 w	#####
101	44%			1.2.1.5	Cables	632 d		Mon 9/9/02	Wed 3/30/05		#####
102	100%			1.2.1.5.1	Design and Fabricate system to test ADF to TAB cables	6 w		Mon 9/9/02	Fri 10/18/02	103	#####
103	100%			1.2.1.5.2	Test ADF to TAB cables	2 w	102	Mon 10/21/02	Fri 11/1/02		#####
104	0%			1.2.1.5.3	Procure ADF to TAB cables	10 w	80SS+4 w	Thu 1/20/05	Wed 3/30/05		NA
105	49%			1.2.1.6	TAB Crates and Services	627 d		Mon 10/28/02	Wed 5/11/05		#####
106	100%			1.2.1.6.1	Prototype	101 d		Mon 10/28/02	Mon 3/31/03		#####
107	100%			1.2.1.6.1.1	Procure TAB crate for prototype TAB/GAB	11.2 w	66FF-2 w	Mon 10/28/02	Mon 1/27/03		#####
108	100%			1.2.1.6.1.2	Procure VME CPU for prototype TAB/GAB	10.2 w	66FF-6 w	Fri 1/17/03	Mon 3/31/03		#####
109	7%			1.2.1.6.2	Production	264 d		Tue 4/20/04	Wed 5/11/05		#####
110	100%			1.2.1.6.2.1	Specify TAB crate/power/cooling	1.8 w		Tue 4/20/04	Fri 4/30/04		#####
111	0%			1.2.1.6.2.2	Procure TAB crate	16 w	80SS+4 w	Thu 1/20/05	Wed 5/11/05		NA

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112	0%			1.2.1.6.2.3	Procure TAB VME CPU	8 w	80SS+4 w	Thu 1/20/05	Wed 3/16/05		NA
113	100%			1.2.1.7	L1 Calorimeter Trigger TAB/GAB Prototyping Complete	0 w	68,87	Wed 5/26/04	Wed 5/26/04		#####
114	0%			1.2.1.8	L1 Calorimeter Trigger TAB/GAB Production and Testing Complete	0 w	97,80	Wed 3/16/05	Wed 3/16/05	133	NA
115	100%			1.2.1.9	Prototype Integration	227 d		Tue 7/1/03	Fri 5/28/04		#####
116	100%			1.2.1.9.1	Develop in-situ exercising/debugging software	45.4 w		Tue 7/1/03	Fri 5/28/04		#####
117	100%			1.2.1.9.2	Prototype integration test ADF+TAB:Columbia	11.4 w	68FF+2 w,91	Wed 7/30/03	Fri 10/17/03	118SS,119	#####
118	100%			1.2.1.9.3	Prototype integration test ADF+TAB:Saclay	11.4 w	117SS	Wed 7/30/03	Fri 10/17/03		#####
119	100%			1.2.1.9.4	Prototype integration test ADF+TAB+GAB+TFW: MSU	24.8 w	117	Mon 10/20/03	Thu 4/22/04	SS,70,122SS	#####
120	100%			1.2.1.9.5	Prototype integration test ADF+TAB+GAB+TFW: Columbia	24.8 w	119SS	Mon 10/20/03	Thu 4/22/04		#####
121	100%			1.2.1.9.6	Prototype integration test ADF+TAB+GAB+TFW: Saclay	21 w		Mon 10/20/03	Fri 3/26/04		#####
122	100%			1.2.1.9.7	Prototype integration test ADF+TAB+GAB+TFW: Fermilab	24.8 w	119SS	Mon 10/20/03	Thu 4/22/04		#####
123	1%			1.2.1.10	Pre-Production Integration	218 d		Thu 4/15/04	Thu 3/3/05		#####
124	0%			1.2.1.10.1	Pre-production integration test ADF+TAB+TFW: MSU	4 w	00FS-3 w,33	Fri 1/28/05	Thu 2/24/05	S,128,127SS	NA
125	0%			1.2.1.10.2	Pre-production integration test ADF+TAB+TFW: Columbia	4 w	124SS	Fri 1/28/05	Thu 2/24/05		NA
126	100%			1.2.1.10.3	Pre-production integration test ADF+TAB+TFW: Saclay	1 d		Thu 4/15/04	Thu 4/15/04		#####
127	0%			1.2.1.10.4	Pre-production integration test ADF+TAB+TFW: Fermilab	4 w	124SS	Fri 1/28/05	Thu 2/24/05		NA
128	0%			1.2.1.10.5	Production readiness review	1 w	124	Fri 2/25/05	Thu 3/3/05	129SS,36	NA
129	0%			1.2.1.10.6	Production readiness review	1 w	128SS	Fri 2/25/05	Thu 3/3/05		NA
130	53%			1.2.1.11	L1 Cal Online Software	475 d		Tue 4/15/03	Tue 3/15/05		#####
131	68%			1.2.1.11.1	ADF online software	95 w		Tue 4/15/03	Tue 3/15/05		#####
132	36%			1.2.1.11.2	TAB/GAB online software	87 w		Wed 6/11/03	Tue 3/15/05		#####
133	0%			1.2.1.12	L1 Calorimeter Trigger Production And Testing Complete	0 w	46,114	Mon 7/25/05	Mon 7/25/05	373	NA
134	62%			1.2.2	Level 1 Calorimeter Track Matching	726 d		Thu 8/1/02	Wed 7/6/05		#####
135	100%			1.2.2.1	D0 Reviews	37 d		Thu 6/12/03	Tue 8/5/03		#####
136	100%			1.2.2.1.1	D0 Internal Design Review Complete	0 w		Thu 6/12/03	Thu 6/12/03	12 w,180,166	#####
137	100%			1.2.2.1.2	D0 Production Readiness Review	1 w		Wed 7/30/03	Tue 8/5/03	8SS,183,182	#####
138	100%			1.2.2.1.3	D0 Production Readiness Review	1 w	137SS	Wed 7/30/03	Tue 8/5/03		#####
139	100%			1.2.2.2	L1 Trigger Cal-Trk Match R&D MOU (UAZ) Complete	0 w		Fri 3/14/03	Fri 3/14/03	165,147	#####
140	100%			1.2.2.3	L1 Trigger Cal-Trk Match Equipment MOU (UAZ) Complete	0 w		Fri 3/14/03	Fri 3/14/03	,176,180,179	#####
141	100%			1.2.2.4	SLDB	270 d		Fri 3/14/03	Tue 4/13/04		#####
142	100%			1.2.2.4.1	Procure SLDB parts	19 w	140	Fri 3/14/03	Mon 7/28/03	143FF+4 w	#####
143	100%			1.2.2.4.2	Fabricate and assemble SLDBs	33 w	142FF+4 w	Mon 6/16/03	Tue 2/17/04	144	#####
144	100%			1.2.2.4.3	Test SLDBs	8 w	143	Wed 2/18/04	Tue 4/13/04	189	#####
145	71%			1.2.2.5	MTCxx	541 d		Fri 3/14/03	Mon 5/16/05		#####
146	100%			1.2.2.5.1	(Small) design changes to MTCxx	41 w	140	Fri 3/14/03	Mon 1/12/04	147,148	#####
147	100%			1.2.2.5.2	Procure MTCxx parts	16 w	146,139	Mon 6/9/03	Tue 9/30/03	148	#####
148	100%			1.2.2.5.3	Fabricate and assemble preproduction MTCxx	11.2 w	147,146	Tue 1/13/04	Wed 3/31/04	149	#####

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149	100%			1.2.2.5.4	Fabrication and Assembly of L1 Trigger Cal-Trk Match Preproductic	0 w	148	Wed 3/31/04	Wed 3/31/04	150	#####
150	90%	X	CC	1.2.2.5.5	Test preproduction MTCxx	25 w	149	Thu 4/1/04	Mon 9/27/04	151FS-5 w	#####
151	20%	X		1.2.2.5.6	Final design changes to MTCxx	5 w	150FS-5 w	Mon 8/23/04	Mon 9/27/04	152	#####
152	0%			1.2.2.5.7	Fabricate and assemble MTCxx's	15 w	151,137	Tue 9/28/04	Mon 1/24/05	153,173	NA
153	0%			1.2.2.5.8	Fabrication and Assembly of L1 Trigger Cal-Trk Match MTCxx's Cor	0 w	152	Mon 1/24/05	Mon 1/24/05	154	NA
154	0%			1.2.2.5.9	Test MTCxx's	16 w	153	Tue 1/25/05	Mon 5/16/05	189	NA
155	74%			1.2.2.6	MTCM	312 d		Mon 10/20/03	Fri 1/28/05		#####
156	100%			1.2.2.6.1	(Small) design changes to MTCM	30 w	140	Mon 10/20/03	Fri 5/28/04	157FS-8 w	#####
157	100%			1.2.2.6.2	Procure MTCM parts	8 w	156FS-8 w	Mon 4/5/04	Fri 5/28/04	158	#####
158	100%			1.2.2.6.3	Fabricate and assemble MTCMs	8 w	157,137	Tue 6/1/04	Tue 7/27/04	159	#####
159	100%			1.2.2.6.4	Fabrication and Assembly of L1 Trigger Cal-Trk Match MTCM's Cor	0 w	158	Tue 7/27/04	Tue 7/27/04	160FS+8.4 w	#####
160	0%			1.2.2.6.5	Test MTCMs	16 w	159FS+8.4 w	Mon 9/27/04	Fri 1/28/05		NA
161	81%			1.2.2.7	MT Flavor Board	691 d		Thu 8/1/02	Mon 5/16/05		#####
162	100%			1.2.2.7.1	Design prototype cal-trk algorithm	31.4 w		Thu 8/1/02	Mon 3/24/03	165	#####
163	96%			1.2.2.7.2	Prototype	482 d		Thu 10/17/02	Mon 9/27/04		#####
164	100%			1.2.2.7.2.1	Design prototype MTFB	13.4 w	136SS-12 w	Thu 10/17/02	Fri 1/31/03	165	#####
165	100%			1.2.2.7.2.2	Procure prototype MTFB parts	4 w	164,139,162	Mon 6/2/03	Fri 6/27/03	166	#####
166	100%			1.2.2.7.2.3	Fabricate and assemble prototype MTFB	6 w	165,136	Mon 6/30/03	Mon 8/11/03	167	#####
167	100%			1.2.2.7.2.4	Fabrication and Assembly of L1 Trigger Cal-Trk Match Prototyp	0 w	166	Mon 8/11/03	Mon 8/11/03	170,168	#####
168	95%	X		1.2.2.7.2.5	Test prototype MTFB	56.2 w	167	Tue 8/12/03	Mon 9/27/04	170FF	#####
169	14%			1.2.2.7.3	Production	211 d		Fri 7/9/04	Mon 5/16/05		Fri 7/9/04
170	100%	X		1.2.2.7.3.1	Procure MTFB parts	4 w	167,168FF	Fri 7/9/04	Thu 8/5/04	171FS+7 w	Fri 7/9/04
171	0%		CC	1.2.2.7.3.2	Fabricate and assemble MTFB	8 w	0FS+7 w,137	Mon 9/27/04	Fri 11/19/04	172	NA
172	0%			1.2.2.7.3.3	Fabrication and Assembly of L1 Trigger Cal-Trk Match MTFB's	0 w	171	Fri 11/19/04	Fri 11/19/04	173	NA
173	0%			1.2.2.7.3.4	Test MTFB	16 w	172,152	Tue 1/25/05	Mon 5/16/05	189	NA
174	38%			1.2.2.8	Infrastructure	576 d		Fri 3/14/03	Wed 7/6/05		#####
175	43%			1.2.2.8.1	University of Arizona Tasks	576 d		Fri 3/14/03	Wed 7/6/05		#####
176	100%			1.2.2.8.1.1	Procure cables and connectors	16 w	140	Mon 6/30/03	Tue 10/21/03	177	#####
177	20%	X		1.2.2.8.1.2	Assemble cables	26 w	176	Mon 8/30/04	Mon 3/14/05	189,187SS	#####
178	100%			1.2.2.8.1.3	Procure VME crates	14 w	140	Mon 6/23/03	Tue 9/30/03		#####
179	100%			1.2.2.8.1.4	Procure VME processors	26 w	140	Fri 3/14/03	Tue 9/16/03		#####
180	100%			1.2.2.8.1.5	Procure power supplies	12.8 w	140,136	Tue 7/1/03	Tue 9/30/03	181	#####
181	25%	X		1.2.2.8.1.6	Assemble and test power supplies	40 w	180	Fri 5/28/04	Tue 3/22/05	189,188SS	#####
182	10%			1.2.2.8.1.7	Procure MSPLIT crates, backplanes, and power supplies	28 w	137	Tue 6/1/04	Fri 12/17/04		#####
183	10%	X		1.2.2.8.1.8	Procure MSPLIT card parts	12 w	137	Mon 8/16/04	Mon 11/8/04	184	#####
184	0%			1.2.2.8.1.9	Fabricate and assemble MSPLIT cards	24 w	183	Tue 11/9/04	Mon 5/9/05	185	NA
185	0%			1.2.2.8.1.10	Test MSPLIT cards	8 w	184	Tue 5/10/05	Wed 7/6/05		NA

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
186	23%			1.2.2.8.2	Fermilab Tasks	200 d		Fri 5/28/04	Tue 3/22/05		#####
187	20%	X		1.2.2.8.2.1	Assemble cables	26 w	177SS	Mon 8/30/04	Mon 3/14/05		#####
188	25%	X		1.2.2.8.2.2	Assemble and test power supplies	40 w	181SS	Fri 5/28/04	Tue 3/22/05		#####
189	0%			1.2.2.9	L1 Trigger Cal-Trk Match Production and Testing Completed	0 w	,173,181,177	Mon 5/16/05	Mon 5/16/05	373	NA
190	49%			1.2.3	Level 1 Tracking	676 d		Thu 11/7/02	Tue 8/2/05		#####
191	100%			1.2.3.1	Prototype L1 Central Track Trigger Algorithm Coded And Simulated Wit	0 w	511SS+40 w	Thu 11/7/02	Thu 11/7/02		#####
192	100%			1.2.3.2	Develop Target CTT Algorithm	154 d	511SS+40 w	Thu 11/7/02	Wed 6/25/03	201,195,207	#####
193	100%			1.2.3.2.1	Develop firmware for target CTT algorithm	22.8 w	511SS+40 w	Thu 11/7/02	Tue 4/29/03	194	#####
194	100%			1.2.3.2.2	Fit CTT firmware in selected FPGA, do timing studies	8 w	193	Wed 4/30/03	Wed 6/25/03		#####
195	100%			1.2.3.3	Target L1 Central Track Trigger Algorithm Firmware Coded And Simulat	0 w	192	Wed 6/25/03	Wed 6/25/03	197,198	#####
196	100%			1.2.3.4	Develop Test Procedures	211 d		Thu 6/26/03	Mon 5/3/04		#####
197	100%			1.2.3.4.1	Develop test procedures	42.2 w	195	Thu 6/26/03	Mon 5/3/04		#####
198	100%			1.2.3.4.2	Develop test procedures	42.2 w	195	Thu 6/26/03	Mon 5/3/04		#####
199	100%			1.2.3.5	DFEA Preproduction I	211 d		Thu 6/26/03	Mon 5/3/04		#####
200	100%			1.2.3.5.1	MRI Tasks - BU	211 d		Thu 6/26/03	Mon 5/3/04		#####
201	100%			1.2.3.5.1.1	Layout	11.2 w	192	Thu 6/26/03	Mon 9/15/03	w,202FS-2 w	#####
202	100%			1.2.3.5.1.2	Procure preproduction DFEA parts	5.4 w	201FS-2 w	Fri 8/22/03	Tue 9/30/03		#####
203	100%			1.2.3.5.1.3	PCB fabrication	4 w	208	Mon 9/22/03	Fri 10/17/03		#####
204	100%			1.2.3.5.1.4	Assembly	8.8 w	209	Mon 10/20/03	Mon 12/22/03		#####
205	100%			1.2.3.5.1.5	Test	17.4 w	210	Tue 12/23/03	Mon 5/3/04		#####
206	100%			1.2.3.5.2	DOE EQ Tasks - BU	124 d		Thu 6/26/03	Mon 12/22/03		#####
207	100%			1.2.3.5.2.1	Procure preproduction DFEA FGAs	6 w	192	Thu 6/26/03	Thu 8/7/03		#####
208	100%			1.2.3.5.2.2	Procure preproduction DFEA parts	5.4 w	201FS-2 w	Fri 8/22/03	Tue 9/30/03	209,203	#####
209	100%			1.2.3.5.2.3	PCB fabrication	4 w	208	Mon 9/22/03	Fri 10/17/03	204,210	#####
210	100%			1.2.3.5.2.4	Assembly	8.8 w	209	Mon 10/20/03	Mon 12/22/03	205	#####
211	57%			1.2.3.6	DFEA Preproduction II	183 d		Tue 3/16/04	Thu 12/2/04		#####
212	100%			1.2.3.6.1	MRI Tasks - BU	6 d		Tue 3/16/04	Tue 3/23/04		#####
213	100%			1.2.3.6.1.1	Layout	1 d		Tue 3/16/04	Tue 3/16/04	214	#####
214	100%			1.2.3.6.1.2	PCB fabrication	1 d	213	Wed 3/17/04	Wed 3/17/04	215	#####
215	100%			1.2.3.6.1.3	Procure preproduction parts	1 d	214	Thu 3/18/04	Thu 3/18/04	216	#####
216	100%			1.2.3.6.1.4	Assembly	1 d	215	Fri 3/19/04	Fri 3/19/04	217	#####
217	100%			1.2.3.6.1.5	Test	1 d	216	Mon 3/22/04	Mon 3/22/04	218	#####
218	100%			1.2.3.6.1.6	Test at Fermilab	1 d	217	Tue 3/23/04	Tue 3/23/04		#####
219	100%			1.2.3.6.2	DOE EQ Tasks-BU	3 d		Mon 5/17/04	Wed 5/19/04		#####
220	100%			1.2.3.6.2.1	PCB fabrication	1 d		Mon 5/17/04	Mon 5/17/04	221	#####
221	100%			1.2.3.6.2.2	Procure preproduction parts	1 d	220	Tue 5/18/04	Tue 5/18/04	222	#####
222	100%			1.2.3.6.2.3	Assembly	1 d	221	Wed 5/19/04	Wed 5/19/04	223	#####

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
223	100%			1.2.3.6.3	Test at Fermilab	1 d	222	Thu 5/20/04	Thu 5/20/04	224	#####
224	100%			1.2.3.6.4	Test at Fermilab	1 d	223	Fri 5/21/04	Fri 5/21/04	225	#####
225	100%			1.2.3.6.5	Test at Fermilab	1 d	224	Mon 5/24/04	Mon 5/24/04		#####
226	0%			1.2.3.6.6	L1 Central Track Trigger DFEA Prototype Tested At Fermilab	0 w	238	Thu 12/2/04	Thu 12/2/04	344	NA
227	90%			1.2.3.6.7	MRI Tasks - BU	102 d		Mon 4/26/04	Fri 9/17/04		#####
228	100%			1.2.3.6.7.1	Layout+Schematic	39 d		Mon 4/26/04	Fri 6/18/04	2FS+1 w,231	#####
229	100%			1.2.3.6.7.1.1	Schematic	4.2 w	337FS+1 d	Mon 4/26/04	Mon 5/24/04		#####
230	100%			1.2.3.6.7.1.2	Layout	5.8 w	338FS+1 d	Mon 5/10/04	Fri 6/18/04	357FS+3 d	#####
231	100%			1.2.3.6.7.2	PCB fabrication	3 w	228	Mon 6/21/04	Mon 7/12/04	233FS+3 d	#####
232	100%			1.2.3.6.7.3	Procure preproduction parts	2 w	228FS+1 w	Mon 6/28/04	Mon 7/12/04		#####
233	100%			1.2.3.6.7.4	Assembly	2.2 w	231FS+3 d	Fri 7/16/04	Fri 7/30/04	234	#####
234	80%	X		1.2.3.6.7.5	Test	6 w	233	Mon 8/2/04	Mon 9/13/04		#####
235	80%	X		1.2.3.6.7.6	DFEA Firmware	3 mons	357SS	Thu 6/24/04	Fri 9/17/04		#####
236	0%			1.2.3.6.8	Test at Fermilab	6 w	297FS+1 w	Wed 10/13/04	Tue 11/23/04	262SS+4 w	NA
237	0%			1.2.3.6.9	Test at Fermilab	8 w	297	Wed 10/6/04	Thu 12/2/04		NA
238	0%			1.2.3.6.10	Test at Fermilab	8 w	297	Wed 10/6/04	Thu 12/2/04	264,279,226	NA
239	2%			1.2.3.7	DFEA Production	309 d		Mon 4/19/04	Thu 7/14/05		#####
240	100%			1.2.3.7.1	MRI Tasks - BU	8 d		Mon 4/19/04	Wed 4/28/04		#####
241	100%			1.2.3.7.1.1	Procure FPGAs	1 d		Mon 4/19/04	Mon 4/19/04	242	#####
242	100%			1.2.3.7.1.2	Procure FPGAs	1 d	241	Tue 4/20/04	Tue 4/20/04	243	#####
243	100%			1.2.3.7.1.3	Design, layout	1 d	242	Wed 4/21/04	Wed 4/21/04	244	#####
244	100%			1.2.3.7.1.4	Procure production parts	1 d	243	Thu 4/22/04	Thu 4/22/04	245	#####
245	100%			1.2.3.7.1.5	PCB Fabricate	1 d	244	Fri 4/23/04	Fri 4/23/04	246	#####
246	100%			1.2.3.7.1.6	Assembly	1 d	245	Mon 4/26/04	Mon 4/26/04	247	#####
247	100%			1.2.3.7.1.7	Bench test	1 d	246	Tue 4/27/04	Tue 4/27/04	248	#####
248	100%			1.2.3.7.1.8	Test at Fermilab	1 d	247	Wed 4/28/04	Wed 4/28/04		#####
249	100%			1.2.3.7.2	DOE EQ Tasks-BU	6 d		Mon 4/19/04	Mon 4/26/04		#####
250	100%			1.2.3.7.2.1	Procure FPGAs	1 d		Mon 4/19/04	Mon 4/19/04	251	#####
251	100%			1.2.3.7.2.2	Production readiness review-BU	1 d	250	Tue 4/20/04	Tue 4/20/04	252	#####
252	100%			1.2.3.7.2.3	Procure production parts	1 d	251	Wed 4/21/04	Wed 4/21/04	253	#####
253	100%			1.2.3.7.2.4	PCB Fabricate	1 d	252	Thu 4/22/04	Thu 4/22/04	254	#####
254	100%			1.2.3.7.2.5	Assembly	1 d	253	Fri 4/23/04	Fri 4/23/04	255	#####
255	100%			1.2.3.7.2.6	Board rework	1 d	254	Mon 4/26/04	Mon 4/26/04	256	#####
256	100%			1.2.3.7.3	Production readiness review-Fermilab	1 d	255	Tue 4/27/04	Tue 4/27/04	257	#####
257	100%			1.2.3.7.4	Test at Fermilab	1 d	256	Wed 4/28/04	Wed 4/28/04	258	#####
258	100%			1.2.3.7.5	Test at Fermilab	1 d	257	Thu 4/29/04	Thu 4/29/04	259	#####
259	100%			1.2.3.7.6	Test at Fermilab	1 d	258	Fri 4/30/04	Fri 4/30/04		#####

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
260	0%			1.2.3.7.7	L1 Central Track Trigger Production And Testing Complete	0 w	282	Thu 7/14/05	Thu 7/14/05	373	NA
261	0%			1.2.3.7.8	DOE EQ Tasks - BU	165 d		Tue 11/9/04	Thu 7/14/05		NA
262	0%			1.2.3.7.8.1	FPGA choice (XC2V4000 vs XC2V6000)	0 d	236SS+4 w	Tue 11/9/04	Tue 11/9/04		NA
263	0%		CC	1.2.3.7.8.2	Procure FPGAs	10 w	266FS-2 w	Fri 12/10/04	Tue 3/1/05		NA
264	0%		CC	1.2.3.7.8.3	Production Readiness review	1 w	238	Fri 12/3/04	Thu 12/9/04	265	NA
265	0%			1.2.3.7.8.4	PRR (DFEA) include decision on DFEm/DFEA merge	0 d	264	Thu 12/9/04	Thu 12/9/04	266	NA
266	0%		CC	1.2.3.7.8.5	Design, layout	2 w	265	Fri 12/10/04	Thu 12/23/04	'5,273FS+2 d	NA
267	0%		CC	1.2.3.7.8.6	Procure production parts	6 w	266	Tue 1/4/05	Tue 2/15/05		NA
268	0%		CC	1.2.3.7.8.7	PCB Fabricate	6 w	276SS+3 w	Wed 1/26/05	Tue 3/8/05		NA
269	0%		CC	1.2.3.7.8.8	Assembly	4 w	277	Wed 3/9/05	Tue 4/5/05		NA
270	0%			1.2.3.7.8.9	Bench Tests	70 d	278	Wed 4/6/05	Thu 7/14/05		NA
271	0%			1.2.3.7.8.9.1	Bench tests at BU	8 w		Wed 4/6/05	Wed 6/1/05	n,282SS+2 w	NA
272	0%			1.2.3.7.8.9.2	Board rework+Integration	12 w	271SS+2 w	Wed 4/20/05	Thu 7/14/05		NA
273	0%			1.2.3.7.8.10	DFEA firmware	6 mons	266FS+2 d	Thu 1/6/05	Fri 6/24/05		NA
274	0%			1.2.3.7.11	MRI Tasks-BU	100 d		Tue 1/4/05	Tue 5/24/05		NA
275	0%			1.2.3.7.11.1	Procure FPGAs	20 w	266	Tue 1/4/05	Tue 5/24/05		NA
276	0%			1.2.3.7.11.2	Procure production parts	6 w	266	Tue 1/4/05	Tue 2/15/05	n,277SS+3 w	NA
277	0%			1.2.3.7.11.3	PCB Fabricate	6 w	276SS+3 w	Wed 1/26/05	Tue 3/8/05	269,278	NA
278	0%			1.2.3.7.11.4	Assembly	4 w	277	Wed 3/9/05	Tue 4/5/05	270	NA
279	0%			1.2.3.7.12	Production readiness review-Fermilab	1 w	238	Fri 12/3/04	Thu 12/9/04		NA
280	0%			1.2.3.7.13	Test at Fermilab	12 w	271SS+2 w	Wed 4/20/05	Thu 7/14/05		NA
281	0%			1.2.3.7.14	Test at Fermilab	12 w	271SS+2 w	Wed 4/20/05	Thu 7/14/05		NA
282	0%			1.2.3.7.15	Test at Fermilab	12 w	271SS+2 w	Wed 4/20/05	Thu 7/14/05	260	NA
283	77%			1.2.3.8	DFEA Backplane (BP)	196 d		Wed 1/14/04	Tue 10/19/04		#####
284	100%			1.2.3.8.1	hardware spec	21 d		Wed 1/14/04	Thu 2/12/04		#####
285	100%			1.2.3.8.2	timing spec (for CC/BP/DFEA)	14 d		Tue 1/27/04	Fri 2/13/04	286	#####
286	100%			1.2.3.8.3	interface specs (hardware+timing) finished	0 d	285	Mon 3/8/04	Mon 3/8/04	287,288	#####
287	100%			1.2.3.8.4	PRR (incl. Signoff on 48 V and Backplane pinout/pinthrough)	0 d	286	Fri 4/30/04	Fri 4/30/04	289	#####
288	100%			1.2.3.8.5	get quotes; decide on vendor	1 mon	286	Fri 3/19/04	Thu 4/15/04	289	#####
289	100%			1.2.3.8.6	schematic (vendor)	0.7 mons	287,288	Mon 5/24/04	Fri 6/11/04	290	#####
290	100%			1.2.3.8.7	schematic review	2 d	289	Mon 6/14/04	Tue 6/15/04	291	#####
291	100%			1.2.3.8.8	layout at vendor	0.55 mons	290	Wed 6/16/04	Wed 6/30/04	292	#####
292	100%			1.2.3.8.9	layout review	2 d	291	Thu 7/1/04	Mon 7/5/04	293	#####
293	100%			1.2.3.8.10	ready for production	0 d	292	Mon 7/5/04	Mon 7/5/04	294	#####
294	100%			1.2.3.8.11	production + vendor checkout	0.95 mons	293	Tue 7/6/04	Fri 7/30/04	295FS+2.2 w	#####
295	100%	X		1.2.3.8.12	first BP received	0 d	294FS+2.2 w	Mon 8/16/04	Mon 8/16/04	296FS+3 w	#####
296	0%			1.2.3.8.13	FNAL checkout	2 w	295FS+3 w	Wed 9/8/04	Tue 9/21/04	297	NA

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
297	0%			1.2.3.8.14	crate assembly + bench test	2 w	296	Wed 9/22/04	Tue 10/5/04	+1 w,237,238	NA
298	0%			1.2.3.8.15	test with CC	2 w	297,311	Wed 10/6/04	Tue 10/19/04	299,343,359	NA
299	0%			1.2.3.8.16	Ready for platform test crate installation	0 d	298	Tue 10/19/04	Tue 10/19/04		NA
300	47%			1.2.3.9	DFEA Crate Controller (CC)	356 d		Mon 12/1/03	Tue 5/10/05		#####
301	100%			1.2.3.9.1	interface specs	1 mon		Mon 12/1/03	Tue 1/6/04	302	#####
302	100%			1.2.3.9.2	schematic	2 mons	301	Mon 3/15/04	Fri 5/7/04	305,303	#####
303	100%			1.2.3.9.3	Decision to use 48 V power distribution scheme or 3.3 V	0 d	302	Fri 5/7/04	Fri 5/7/04	4,338FF+2 w	Fri 5/7/04
304	100%			1.2.3.9.4	production readiness review (PRR)	2 w	303	Mon 5/10/04	Fri 5/21/04	306	#####
305	100%			1.2.3.9.5	layout; order long leadtime parts	1 mon	302	Mon 5/10/04	Mon 6/7/04	306FS+18 d	#####
306	100%	X		1.2.3.9.6	PCB production + vendor testing	6 w	305FS+18 d	Mon 7/5/04	Fri 8/13/04	307FS-4 w	#####
307	100%	X		1.2.3.9.7	assembly (vendor + FNAL)	1 mon	306FS-4 w	Mon 7/19/04	Fri 8/13/04	308	#####
308	100%	X		1.2.3.9.8	checkout	2 w	307	Mon 8/16/04	Fri 8/27/04	311	#####
309	75%	X	CC	1.2.3.9.9	write test firmware	5.5 mons		Fri 4/9/04	Tue 9/14/04	310,311	Fri 4/9/04
310	0%			1.2.3.9.10	finish production firmware	8 mons	309	Wed 9/15/04	Tue 5/10/05		NA
311	0%			1.2.3.9.11	bench test	2 w	SS+1.5 mons	Wed 9/15/04	Tue 9/28/04	298,312	NA
312	0%			1.2.3.9.12	2nd prototype layout	2 w	311	Wed 9/29/04	Tue 10/12/04	313	NA
313	0%			1.2.3.9.13	2nd prototype PCB production + vendor testing	2 w	312	Wed 10/13/04	Tue 10/26/04	314	NA
314	0%			1.2.3.9.14	2nd prototype assembly	1 mon	313	Wed 10/27/04	Tue 11/23/04	315	NA
315	0%			1.2.3.9.15	2nd prototype checkout	2 w	314	Wed 11/24/04	Thu 12/9/04	316	NA
316	0%			1.2.3.9.16	2nd prototype bench test	2 w	315	Fri 12/10/04	Thu 12/23/04	317	NA
317	0%			1.2.3.9.17	CC ready	0 d	316	Thu 12/23/04	Thu 12/23/04		NA
318	58%			1.2.3.10	optical DCL (host)	221 d		Thu 2/12/04	Thu 12/23/04		#####
319	100%			1.2.3.10.1	interface specs	1 mon		Thu 2/12/04	Wed 3/10/04	320,326	#####
320	100%			1.2.3.10.2	hardware specs	1 mon	319	Thu 3/11/04	Wed 4/7/04	321,324	#####
321	100%			1.2.3.10.3	specs done	0 d	320	Fri 4/9/04	Fri 4/9/04	322	Fri 4/9/04
322	100%		CC	1.2.3.10.4	decide on hardware	2.3 mons	321	Fri 4/9/04	Mon 6/14/04	323FS-4 w	Fri 4/9/04
323	100%			1.2.3.10.5	hardware procurement	1 mon	322FS-4 w	Mon 5/17/04	Mon 6/14/04		#####
324	100%			1.2.3.10.6	software: Linux driver	1.8 mons	320	Fri 4/9/04	Fri 5/28/04	SS+1.5 mons	Fri 4/9/04
325	30%	X	CC	1.2.3.10.7	software: EPICS driver + integration	4.5 mons	SS+1.5 mons	Fri 5/21/04	Tue 9/28/04	326	#####
326	0%			1.2.3.10.8	software: dfe_ware integration	3 mons	319,325	Wed 9/29/04	Thu 12/23/04		NA
327	64%			1.2.3.11	LVDS Splitter	112 d		Mon 5/3/04	Fri 10/8/04		#####
328	100%			1.2.3.11.1	schematic	2 w		Mon 5/3/04	Fri 5/14/04	329	#####
329	100%			1.2.3.11.2	layout	4 w	328	Mon 5/17/04	Mon 6/14/04	330	#####
330	100%	X		1.2.3.11.3	production	8.2 w	329	Tue 6/15/04	Wed 8/11/04	331	#####
331	100%	X		1.2.3.11.4	test	0.2 w	330	Thu 8/12/04	Thu 8/12/04	332	#####
332	0%			1.2.3.11.5	2nd prototype layout	2 w	331	Fri 8/13/04	Thu 8/26/04	333	NA
333	0%			1.2.3.11.6	2nd prototype production	1 mon	332	Fri 8/27/04	Fri 9/24/04	334	NA

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ID	% Compl	New Stg	CC Cls	WBS	Task Name	Duration	Predecessors	Start	Finish	Successors	Actual Stal
334	0%			1.2.3.11.7	2nd prototype test	2 w	333	Mon 9/27/04	Fri 10/8/04	335	NA
335	0%			1.2.3.11.8	ready for platform test	0 d	334	Fri 10/8/04	Fri 10/8/04		NA
336	25%			1.2.3.12	DFE Motherboard (DFEM)	328 d		Fri 4/9/04	Tue 8/2/05	373	Fri 4/9/04
337	100%		CC	1.2.3.12.1	Develop Schematic for MB Prototype I	6.4 w		Fri 4/9/04	Mon 5/24/04	w,229FS+1 d	Fri 4/9/04
338	100%		CC	1.2.3.12.2	Layout Prototype I	6 w	w,337FS-2 w	Tue 5/11/04	Tue 6/22/04	d,230FS+1 d	#####
339	100%		CC	1.2.3.12.3	Procure preproduction DFEM parts Prototype I	8 w	338FS-3.4 w	Fri 5/14/04	Mon 7/12/04	364SS+11 d	#####
340	100%			1.2.3.12.4	PCB fabrication Prototype I	2 w	338FS+3 d	Mon 6/28/04	Mon 7/12/04	341FS+3 d	#####
341	100%			1.2.3.12.5	Assembly Prototype I	2 w	340FS+3 d	Fri 7/16/04	Thu 7/29/04	342	#####
342	80%	X		1.2.3.12.6	Test Prototype I	6 w	341	Fri 7/30/04	Fri 9/10/04		#####
343	0%		CC	1.2.3.12.7	Test at Fermilab Prototype I (+DFEA)	6 w	298	Wed 10/20/04	Thu 12/2/04		NA
344	0%		CC	1.2.3.12.8	Schematic + Layout Prototype II	2 w	226	Fri 12/3/04	Thu 12/16/04	n,346FS+1 w	NA
345	0%			1.2.3.12.9	Procure preproduction DFEM parts Prototype II	2 w	344FS-2 w	Fri 12/3/04	Thu 12/16/04		NA
346	0%			1.2.3.12.10	PCB fabrication Prototype II	2 w	344FS+1 w	Tue 1/4/05	Tue 1/18/05	347	NA
347	0%			1.2.3.12.11	Assembly Prototype II	3 w	346	Wed 1/19/05	Tue 2/8/05	348FS+3 d	NA
348	0%		CC	1.2.3.12.12	Test Prototype II	4 w	347FS+3 d	Mon 2/14/05	Fri 3/11/05	9SS+2 w,352	NA
349	0%		CC	1.2.3.12.13	Test at Fermilab Prototype II integrated into system at FNAL	4 w	348SS+2 w	Mon 2/28/05	Fri 3/25/05	350	NA
350	0%		CC	1.2.3.12.14	Production readiness review-BU	1 w	349	Mon 3/28/05	Fri 4/1/05	351	NA
351	0%			1.2.3.12.15	PRR - DFEM	0 d	350	Fri 4/1/05	Fri 4/1/05		NA
352	0%			1.2.3.12.16	Procure production parts	4 w	348	Mon 3/14/05	Fri 4/8/05	353SS+2 w	NA
353	0%			1.2.3.12.17	PCB Fabricate	3 w	352SS+2 w	Mon 3/28/05	Fri 4/15/05	354	NA
354	0%			1.2.3.12.18	Assembly	3 w	353	Mon 4/18/05	Fri 5/6/05	355	NA
355	0%			1.2.3.12.19	Bench test+rework	8 w	354	Mon 5/9/05	Tue 7/5/05	356SS+2 w	NA
356	0%			1.2.3.12.20	Test at Fermilab (integrated into system)	10 w	355SS+2 w	Mon 5/23/05	Tue 8/2/05		NA
357	70%	X		1.2.3.12.21	MB Firmware	6 mons	230FS+3 d	Thu 6/24/04	Tue 12/14/04	235SS	#####
358	0%			1.2.3.12.22	Integration with DFEA	161 d		Wed 10/20/04	Thu 6/16/05		NA
359	0%			1.2.3.12.22.1	Commision test setup	4 w	298	Wed 10/20/04	Tue 11/16/04	0,362SS+3 d	NA
360	0%			1.2.3.12.22.2	Integrate DFEC+DFEM	2 w	359	Wed 11/17/04	Thu 12/2/04	361	NA
361	0%			1.2.3.12.22.3	Integrate DB+MB	2 w	360	Fri 12/3/04	Thu 12/16/04	363FS+1 d	NA
362	0%			1.2.3.12.22.4	DB+MB infrastructure Firmware	1 mon	359SS+3 d	Mon 10/25/04	Fri 11/19/04		NA
363	0%			1.2.3.12.22.5	System tests	6 mons	361FS+1 d	Mon 12/20/04	Thu 6/16/05		NA
364	14%	X		1.2.3.12.23	BU Technician Support	12 mons	339SS+11 d	Tue 6/1/04	Wed 5/18/05		#####
365	12%	X		1.2.3.12.24	DFEM Project management (E. Hazen)	12 mons		Mon 4/12/04	Wed 3/30/05		#####
366	94%			1.2.3.13	DSAT - DFEM/DFEA Standalone Tester	110 d		Fri 4/9/04	Tue 9/14/04		Fri 4/9/04
367	100%			1.2.3.13.1	Specifications + Schematic	4.2 w		Fri 4/9/04	Fri 5/7/04	368	Fri 4/9/04
368	100%			1.2.3.13.2	Layout	4.6 w	367	Mon 5/10/04	Thu 6/10/04	d,370SS+1 w	#####
369	100%			1.2.3.13.3	PCB Fabrication	2.2 w	368FS+3 d	Wed 6/16/04	Wed 6/30/04	371FS+3 d	#####
370	100%			1.2.3.13.4	Order Parts	6.2 w	368SS+1 w	Mon 5/17/04	Tue 6/29/04		#####

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
371	100%			1.2.3.13.5	PCB Assembly	2 w	369FS+3 d	Wed 6/30/04	Wed 7/14/04	372FS+3 d	#####
372	80%	X		1.2.3.13.6	Commissioning	2 mons	371FS+3 d	Tue 7/20/04	Tue 9/14/04		#####
373	0%			1.2.9	L1 Trigger Upgrade Production and Testing Complete	0 w	189,133,336	Tue 8/2/05	Tue 8/2/05		NA
374	45%			1.2.4	Level 2 Beta Processor	323 d		Mon 12/1/03	Thu 3/24/05		#####
375	31%			1.2.4.1	Finalize Targets For Run2b Beta Upgrades	222 d		Mon 12/1/03	Wed 10/20/04		#####
376	48%			1.2.4.1.1	UVA Tasks	207 d		Mon 12/1/03	Wed 9/29/04		#####
377	100%			1.2.4.1.1.1	Assess Performance of Run2a Betas	8 w		Mon 12/1/03	Wed 2/4/04	381SS	#####
378	25%	X		1.2.4.1.1.2	Develop & Simulate New Run2b Algorithms	16 w		Tue 6/1/04	Wed 9/22/04	384SS+4 w	#####
379	0%			1.2.4.1.1.3	Production readiness review	1 w	378	Thu 9/23/04	Wed 9/29/04	410	NA
380	33%			1.2.4.1.2	University-Other Tasks	222 d		Mon 12/1/03	Wed 10/20/04		#####
381	100%			1.2.4.1.2.1	Assess Performance of Run2a Betas	8 w	377SS	Mon 12/1/03	Wed 2/4/04		#####
382	0%		CC	1.2.4.1.2.2	Develop & Simulate New Run2b Algorithms	16 w	378SS+4 w	Tue 6/29/04	Wed 10/20/04		NA
383	0%			1.2.4.1.3	Orsay Tasks	80 d		Tue 6/29/04	Wed 10/20/04		NA
384	0%			1.2.4.1.3.1	Develop & Simulate New Run2b Algorithms	16 w	378SS+4 w	Tue 6/29/04	Wed 10/20/04		NA
385	73%			1.2.4.2	Develop Prototype	130 d		Thu 3/18/04	Mon 9/20/04		#####
386	77%			1.2.4.2.1	UVA Tasks	130 d		Thu 3/18/04	Mon 9/20/04		#####
387	100%			1.2.4.2.1.1	Survey processor market, chose candidate SBCs	4 w		Thu 3/18/04	Wed 4/14/04	S,392SS,390	#####
388	75%			1.2.4.2.1.2	Evaluate software impact of new SBCs	26 w	387SS	Thu 3/18/04	Mon 9/20/04		#####
389	75%			1.2.4.2.1.3	Evaluate firmware impact of new SBCs (function)	26 w	387SS	Thu 3/18/04	Mon 9/20/04		#####
390	50%			1.2.4.2.2	Acquire 2 new processor SBCs for evaluation	16 w	387	Thu 4/15/04	Fri 8/6/04		#####
391	77%			1.2.4.2.3	Orsay Tasks	130 d		Thu 3/18/04	Mon 9/20/04		#####
392	75%			1.2.4.2.3.1	Evaluate firmware impact of new SBCs (coding)	26 w	387SS	Thu 3/18/04	Mon 9/20/04	393SS+4 w	#####
393	100%			1.2.4.2.3.2	Design disk adapter	1 w	392SS+4 w	Thu 4/15/04	Wed 4/21/04	394	#####
394	100%			1.2.4.2.3.3	Specify/Acquire adapter components	1 d	393	Thu 4/22/04	Thu 4/22/04	395	#####
395	100%			1.2.4.2.3.4	Layout adapter, generate artwork, etc	1 d	394	Fri 4/23/04	Fri 4/23/04	396	#####
396	100%			1.2.4.2.3.5	Find manufacturer for disk adapters	1 d	395	Mon 4/26/04	Mon 4/26/04	397	#####
397	100%			1.2.4.2.3.6	Produce prototype adapters	1 d	396	Tue 4/27/04	Tue 4/27/04	398	#####
398	100%			1.2.4.2.3.7	Test prototype adapters	1 d	397	Wed 4/28/04	Wed 4/28/04	399	#####
399	100%			1.2.4.2.4	Level 2 Beta Trigger Prototype Preparation Complete	0 w	398	Wed 4/28/04	Wed 4/28/04	5FS+9 w,402	#####
400	23%			1.2.4.3	Test Prototype	148 d		Thu 4/29/04	Mon 11/29/04		#####
401	28%			1.2.4.3.1	UVA Tasks	148 d		Thu 4/29/04	Mon 11/29/04		#####
402	50%			1.2.4.3.1.1	Verify software compatiibty / hardware interface patches	20 w	399	Thu 4/29/04	Mon 9/20/04	403SS	#####
403	0%			1.2.4.3.1.2	Verify processor operability in Beta motherboards	12 w	402SS,406SS	Thu 8/5/04	Thu 10/28/04	404,409	NA
404	0%			1.2.4.3.1.3	Shadow mode studies	4 w	403	Fri 10/29/04	Mon 11/29/04	407,410	NA
405	0%			1.2.4.3.2	Orsay Tasks	40 d		Thu 8/5/04	Thu 9/30/04		NA
406	0%			1.2.4.3.2.1	Firmware support and tuning	8 w	399FS+9 w	Thu 8/5/04	Thu 9/30/04	403SS	NA
407	0%			1.2.4.3.3	Level 2 Beta Trigger Prototype Testing Complete	0 w	404	Mon 11/29/04	Mon 11/29/04		NA

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
408	0%			1.2.4.4	Assemble Production Processors	95 d		Fri 10/29/04	Thu 3/24/05		NA
409	0%			1.2.4.4.1	Produce Disk Adapters	3 w	403	Fri 10/29/04	Thu 11/18/04	412	NA
410	0%			1.2.4.4.2	Finalize Run2b SBC order	2 w	404,379	Tue 11/30/04	Mon 12/13/04	411	NA
411	0%			1.2.4.4.3	Acquire Run2b SBCs	12 w	410	Tue 12/14/04	Thu 3/17/05	413	NA
412	0%			1.2.4.4.5	Test production disk adapters	1 w	409	Fri 11/19/04	Mon 11/29/04	414	NA
413	0%			1.2.4.4.4	Test SBCs	1 w	411	Fri 3/18/05	Thu 3/24/05	414	NA
414	0%			1.2.4.4.6	L2 Beta Trigger Production And Testing Complete	0 w	412,413	Thu 3/24/05	Thu 3/24/05	499	NA
415	40%			1.2.5	Silicon Track Trigger Upgrade	548 d		Tue 1/21/03	Fri 4/1/05		#####
416	100%			1.2.5.1	Place Parts Orders for L2 Silicon Track Trigger	0 w		Mon 12/15/03	Mon 12/15/03	,473,478,437	#####
417	0%			1.2.5.20	Production Readiness Review	1 w		Fri 9/10/04	Thu 9/16/04	418,458	NA
418	0%			1.2.5.2	Begin L2 Silicon Track Trigger Run IIb PCB Production	0 w	417	Thu 9/16/04	Thu 9/16/04	,460,467,423	NA
419	100%			1.2.5.3	L2 Silicon Track Trigger Run IIb Inputs Finalized	0 w		Mon 12/15/03	Mon 12/15/03	495,497,519	#####
420	63%			1.2.5.4	VME Motherboard	268 d		Mon 12/15/03	Thu 1/20/05		#####
421	100%			1.2.5.4.1	Place orders	24 h	416	Mon 12/15/03	Wed 12/17/03	422	#####
422	90%		CC	1.2.5.4.2	Parts	36 w	421	Thu 12/18/03	Thu 9/9/04	424	#####
423	0%			1.2.5.4.3	Fabricate PCB	4 w	418	Fri 9/17/04	Thu 10/14/04	424	NA
424	0%			1.2.5.4.4	Assemble	4 w	422,423	Fri 10/15/04	Thu 11/11/04	425	NA
425	0%			1.2.5.4.5	All L2 Silicon Track Trigger Motherboards Delivered	0 w	424	Thu 11/11/04	Thu 11/11/04	426	NA
426	0%			1.2.5.4.6	Test	8 w	425	Fri 11/12/04	Thu 1/20/05	427	NA
427	0%			1.2.5.4.8	L2 Silicon Track Trigger Motherboard Production Complete	0 w	426	Thu 1/20/05	Thu 1/20/05	491	NA
428	26%			1.2.5.5	STC Module	268 d		Mon 12/15/03	Thu 1/20/05		#####
429	100%			1.2.5.5.1	Place orders	0.6 w	416	Mon 12/15/03	Wed 12/17/03	430	#####
430	100%			1.2.5.5.2	Parts	5 w	429	Thu 12/18/03	Mon 2/2/04	432	#####
431	0%			1.2.5.5.3	Fabricate PCB	4 w	418	Fri 9/17/04	Thu 10/14/04	432	NA
432	0%			1.2.5.5.4	Assemble	4 w	430,431	Fri 10/15/04	Thu 11/11/04	433	NA
433	0%			1.2.5.5.5	All L2 Silicon Track Trigger STCs Delivered	0 w	432	Thu 11/11/04	Thu 11/11/04	434	NA
434	0%			1.2.5.5.6	Test	8 w	433	Fri 11/12/04	Thu 1/20/05	435	NA
435	0%			1.2.5.5.8	L2 Silicon Track Trigger STC Production Complete	0 w	434	Thu 1/20/05	Thu 1/20/05	491	NA
436	100%			1.2.5.6	VTM	86.5 d		Tue 1/21/03	Wed 5/21/03		#####
437	100%			1.2.5.6.1	Place order	12 h	416	Tue 1/21/03	Wed 1/22/03	438	#####
438	100%			1.2.5.6.2	Production	4 w	437	Wed 1/22/03	Wed 2/19/03	439	#####
439	100%			1.2.5.6.3	Test	13 w	438	Wed 2/19/03	Wed 5/21/03	440	#####
440	100%			1.2.5.6.5	VTM Production Complete for L2 Silicon Track Trigger	0 w	439	Wed 5/21/03	Wed 5/21/03	491	#####
441	63%			1.2.5.7	Link Transmitter Board	258 d		Mon 12/15/03	Wed 1/5/05		#####
442	100%			1.2.5.7.1	Place orders	12 h	416	Mon 12/15/03	Tue 12/16/03	443	#####
443	90%			1.2.5.7.2	Parts	32 w	442	Tue 12/16/03	Tue 8/10/04	445	#####
444	0%			1.2.5.7.3	Fabricate PCB	4 w	418	Fri 9/17/04	Thu 10/14/04	445	NA

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ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual St
445	0%			1.2.5.7.4	Assemble	4 w	443,444	Fri 10/15/04	Thu 11/11/04	446	NA
446	0%			1.2.5.7.5	All L2 Silicon Track Trigger LTBs Delivered	0 w	445	Thu 11/11/04	Thu 11/11/04	447	NA
447	0%			1.2.5.7.6	Test	6 w	446	Fri 11/12/04	Wed 1/5/05	448	NA
448	0%			1.2.5.7.8	L2 Silicon Track Trigger LTB Production Complete	0 w	447	Wed 1/5/05	Wed 1/5/05	491	NA
449	62%			1.2.5.8	Link Receiver Board	263 d		Mon 12/15/03	Wed 1/12/05		#####
450	100%			1.2.5.8.1	Place orders	12 h	416	Mon 12/15/03	Tue 12/16/03	451	#####
451	90%			1.2.5.8.2	Parts	32 w	450	Tue 12/16/03	Tue 8/10/04	453	#####
452	0%			1.2.5.8.3	Fabricate PCB	4 w	418	Fri 9/17/04	Thu 10/14/04	453	NA
453	0%			1.2.5.8.4	Assemble	4 w	451,452	Fri 10/15/04	Thu 11/11/04	454	NA
454	0%			1.2.5.8.5	All L2 Silicon Track Trigger LRBs Delivered	0 w	453	Thu 11/11/04	Thu 11/11/04	455	NA
455	0%			1.2.5.8.6	Test	7 w	454	Fri 11/12/04	Wed 1/12/05	456	NA
456	0%			1.2.5.8.8	L2 Silicon Track Trigger LRB Production Complete	0 w	455	Wed 1/12/05	Wed 1/12/05	491	NA
457	0%			1.2.5.9	BC Module	103 d		Fri 9/17/04	Tue 2/22/05		NA
458	0%			1.2.5.9.1	Place orders	0.6 w	417	Fri 9/17/04	Tue 9/21/04	459	NA
459	0%			1.2.5.9.2	Parts	8 w	458	Wed 9/22/04	Tue 11/16/04	461	NA
460	0%			1.2.5.9.3	Fabricate PCB	4 w	418	Fri 9/17/04	Thu 10/14/04	461	NA
461	0%			1.2.5.9.4	Assemble	4 w	459,460	Wed 11/17/04	Thu 12/16/04	462	NA
462	0%			1.2.5.9.5	All L2 Silicon Track Trigger BCs Delivered	0 w	461	Thu 12/16/04	Thu 12/16/04	463	NA
463	0%			1.2.5.9.6	Test	8 w	462	Fri 12/17/04	Tue 2/22/05	464	NA
464	0%			1.2.5.9.8	L2 Silicon Track Trigger BC Production Complete	0 w	463	Tue 2/22/05	Tue 2/22/05	491	NA
465	25%			1.2.5.10	TFC Module	260 d		Tue 1/20/04	Thu 2/3/05		#####
466	100%			1.2.5.10.1	Parts	6 w	416	Tue 1/20/04	Mon 3/1/04	468	#####
467	0%			1.2.5.10.2	Fabricate PCB	4 w	418	Fri 9/17/04	Thu 10/14/04	468	NA
468	0%			1.2.5.10.3	Assemble and rework	4 w	466,467	Fri 10/15/04	Thu 11/11/04	469	NA
469	0%			1.2.5.10.4	All L2 Silicon Track Trigger TFCs Delivered	0 w	468	Thu 11/11/04	Thu 11/11/04	470	NA
470	0%			1.2.5.10.5	Test	10 w	469	Fri 11/12/04	Thu 2/3/05	471	NA
471	0%			1.2.5.10.7	L2 Silicon Track Trigger TFC Production Complete	0 w	470	Thu 2/3/05	Thu 2/3/05	491	NA
472	30%			1.2.5.11	Hotlink Repeaters	301 d		Tue 1/20/04	Fri 4/1/05		#####
473	50%			1.2.5.11.1	Design & prototyping	36 w	416	Tue 1/20/04	Thu 9/30/04	474	#####
474	0%			1.2.5.11.2	Production	15.2 w	473	Fri 10/1/04	Fri 1/28/05	475	NA
475	0%			1.2.5.11.3	Test	9 w	474	Mon 1/31/05	Fri 4/1/05	476	NA
476	0%			1.2.5.11.5	L2 Silicon Track Trigger Hotlink Repeaters Complete	0 w	475	Fri 4/1/05	Fri 4/1/05	491	NA
477	0%			1.2.5.12	LVDS Cables	30 d		Wed 9/1/04	Wed 10/13/04		NA
478	0%			1.2.5.12.1	Fabricate	4 w	416	Wed 9/1/04	Wed 9/29/04	479	NA
479	0%			1.2.5.12.2	Test	2 w	478	Thu 9/30/04	Wed 10/13/04	480	NA
480	0%			1.2.5.12.4	L2 Silicon Track Trigger LVDS Cable Production Complete	0 w	479	Wed 10/13/04	Wed 10/13/04	491	NA
481	100%			1.2.5.13	Splitters	277 d		Wed 7/23/03	Tue 8/31/04		#####

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

ID	% Compl	New St	CC Cl	WBS	Task Name	Duration	Predecessor	Start	Finish	Successors	Actual Stal
482	100%			1.2.5.13.1	Go out for bids	2 w	416	Wed 7/23/03	Tue 8/5/03	483	#####
483	100%			1.2.5.13.2	Procure	4.8 w	482	Tue 1/20/04	Fri 2/20/04	484FS+22 w	#####
484	100%	X		1.2.5.13.3	Test	5 w	483FS+22 w	Wed 7/28/04	Tue 8/31/04	485	#####
485	100%	X		1.2.5.13.5	L2 Silicon Track Trigger Splitter Procurement Complete	0 w	484	Tue 8/31/04	Tue 8/31/04	491	#####
486	100%			1.2.5.14	Fibers	192 d		Wed 7/23/03	Fri 4/30/04		#####
487	100%			1.2.5.14.1	Go out for bids	2 w	416	Wed 7/23/03	Tue 8/5/03	488	#####
488	100%			1.2.5.14.2	Procure	0.8 w	487	Tue 3/30/04	Fri 4/2/04	489	#####
489	100%	X		1.2.5.14.3	Test	4 w	488	Mon 4/5/04	Fri 4/30/04	490	#####
490	100%	X		1.2.5.14.5	L2 Silicon Track Trigger Fiber Procurement Complete	0 w	489	Fri 4/30/04	Fri 4/30/04	491	#####
491	0%			1.2.5.15	L2 Silicon Track Trigger Hardware Production Complete	0 w	,490,440,476	Fri 4/1/05	Fri 4/1/05	498	NA
492	0%			1.2.5.16	STC firmware	120 d		Mon 8/16/04	Mon 2/14/05	498	NA
493	0%			1.2.5.16.1	Update STC firmware	24 w		Mon 8/16/04	Mon 2/14/05		NA
494	0%			1.2.5.17	TFC Code	120 d		Mon 8/2/04	Mon 1/31/05	498	NA
495	0%			1.2.5.17.1	Change TFC code	24 w	419	Mon 8/2/04	Mon 1/31/05		NA
496	0%			1.2.5.18	Downloading & Monitoring	100 d		Mon 8/2/04	Wed 12/22/04	498	NA
497	0%			1.2.5.18.1	Update downloading & monitoring software	20 w	419	Mon 8/2/04	Wed 12/22/04		NA
498	0%			1.2.5.19	L2 Silicon Track Trigger Production and Testing Complete	0 w	,494,496,518	Fri 4/1/05	Fri 4/1/05	499	NA
499	0%			1.2.8	L2 Trigger Upgrade Production and Testing Complete	0 w	498,414	Fri 4/1/05	Fri 4/1/05		NA
500	75%			1.2.6	Trigger Simulation	827 d		Thu 11/1/01	Wed 3/9/05		#####
501	78%			1.2.6.1	L1 Cal Simulation Software	760 d		Thu 11/1/01	Mon 11/22/04		#####
502	100%			1.2.6.1.1	Develop prototype L1Cal trigger algorithm	58.4 w		Thu 11/1/01	Mon 1/13/03	38 w,503,504	#####
503	65%			1.2.6.1.2	Optimize algorithm performance with simulations	90 w	502	Tue 1/14/03	Wed 10/27/04		#####
504	100%			1.2.6.1.3	Integrate algorithm into Dzero Trigger Simulation	49.4 w	502	Mon 2/3/03	Fri 1/30/04	505	#####
505	40%	X		1.2.6.1.4	Integrate algorithm into Dzero Trigger Simulation	33 w	504	Thu 4/1/04	Mon 11/22/04		#####
506	34%			1.2.6.2	L1 Cal/Track Match Simulation Software	530 d		Wed 1/22/03	Wed 3/9/05		#####
507	40%			1.2.6.2.1	Develop prototype L1Cal/Track match trigger algorithm	90 w		Wed 1/22/03	Wed 11/3/04	508	#####
508	0%			1.2.6.2.2	Optimize algorithm performance with simulations	10 w	507	Thu 11/4/04	Wed 1/26/05	509	NA
509	0%			1.2.6.2.3	Integrate algorithm into Dzero Trigger Simulation	6 w	508	Thu 1/27/05	Wed 3/9/05		NA
510	87%			1.2.6.3	L1CTT Simulation	690 d		Fri 2/1/02	Wed 11/3/04		Fri 2/1/02
511	100%			1.2.6.3.1	Develop prototype CTT algorithm	48 w		Fri 2/1/02	Tue 1/21/03	40 w,516,517	Fri 2/1/02
512	100%			1.2.6.3.2	Develop prototype CTT algorithm	48 w		Fri 2/1/02	Tue 1/21/03	516,517	Fri 2/1/02
513	100%			1.2.6.3.3	Develop prototype CTT algorithm	48 w		Fri 2/1/02	Tue 1/21/03	516,517	Fri 2/1/02
514	100%			1.2.6.3.4	Develop prototype CTT algorithm	48 w		Fri 2/1/02	Tue 1/21/03	516,517	Fri 2/1/02
515	100%			1.2.6.3.5	Develop prototype CTT algorithm	48 w		Fri 2/1/02	Tue 1/21/03	516,517	Fri 2/1/02
516	80%			1.2.6.3.6	Optimize algorithm performance with simulations	90 w	,513,514,515	Wed 1/22/03	Wed 11/3/04		#####
517	55%	X		1.2.6.3.7	Integrate algorithm into Dzero Trigger Simulation	75 w	,513,514,515	Tue 4/1/03	Tue 9/28/04		#####
518	0%			1.2.6.4	STT Simulator	100 d		Mon 12/15/03	Wed 5/12/04	498	NA

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

ID	% Compl	New Sts	CC Cls	WBS	Task Name	Duration	Predecessors	Start	Finish	Successors	Actual Stal
519	0%			1.2.6.4.1	Update simulator	20 w	419	Mon 12/15/03	Wed 5/12/04		NA
520	79%			1.2.7	Administration	520 d		Mon 2/3/03	Mon 3/7/05		#####
521	79%	X		1.2.7.1	Project Management	104 w		Mon 2/3/03	Mon 3/7/05		#####
522	79%	X		1.2.7.2	Travel vendor and collaborator visits	104 w		Mon 2/3/03	Mon 3/7/05		#####
523	79%	X		1.2.7.3	Shipping costs	104 w		Mon 2/3/03	Mon 3/7/05		#####

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$2,880,987.70	\$3,590,438.68	\$3,411,326.67	\$179,112.02	\$1,786,433.64	\$1,624,893.03	Thu 11/1/01	#####	#####	#####	#####	NA	\$1,624,893.03	\$1,786,433.64	
NA	\$1,403,354.25	\$1,766,389.81	\$1,757,563.25	\$8,826.56	\$1,298,746.35	\$458,816.90	Wed 1/2/02	#####	#####	#####	#####	NA	\$458,816.90	\$1,298,746.35	
NA	\$759,245.12	\$1,107,037.79	\$1,107,037.79	\$0.00	\$879,439.79	\$227,598.00	Wed 1/2/02	#####	#####	#####	#####	NA	\$227,598.00	\$879,439.79	
Fri 4/16/04	\$475,027.15	\$433,791.15	\$433,791.15	\$0.00	\$371,052.15	\$62,739.00	Wed 1/2/02	#####	#####	Fri 4/16/04	#####	Fri 4/16/04	\$62,739.00	\$371,052.15	
Fri 1/24/03	\$189,655.60	\$189,655.60	\$189,655.60	\$0.00	\$189,655.60	\$0.00	Wed 1/2/02	#####	#####	Fri 1/24/03	#####	Fri 1/24/03	\$0.00	\$189,655.60	
Fri 5/23/03	\$15,110.40	\$15,110.40	\$15,110.40	\$0.00	\$15,110.40	\$0.00	#####	#####	#####	Fri 5/23/03	#####	Fri 5/23/03	\$0.00	\$15,110.40	
Tue 7/1/03	\$60,055.20	\$60,055.20	\$60,055.20	\$0.00	\$7,555.20	\$52,500.00	Wed 2/5/03	#####	#####	Tue 7/1/03	#####	Tue 7/1/03	\$52,500.00	\$7,555.20	
#####	\$20,632.24	\$20,632.24	\$20,632.24	\$0.00	\$15,632.24	\$5,000.00	Tue 7/15/03	#####	#####	#####	#####	#####	\$5,000.00	\$15,632.24	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/9/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$16,494.40	\$16,494.40	\$16,494.40	\$0.00	\$16,494.40	\$0.00	Fri 3/1/02	#####	Fri 3/1/02	#####	Fri 3/1/02	#####	\$0.00	\$16,494.40	
#####	\$9,150.20	\$9,150.20	\$9,150.20	\$0.00	\$7,555.20	\$1,595.00	Mon 7/1/02	#####	#####	#####	#####	#####	\$1,595.00	\$7,555.20	
Fri 1/17/03	\$1,888.80	\$1,888.80	\$1,888.80	\$0.00	\$1,888.80	\$0.00	Wed 9/4/02	#####	#####	Fri 1/17/03	#####	Fri 1/17/03	\$0.00	\$1,888.80	
#####	\$41,236.00	\$41,236.00	\$41,236.00	\$0.00	\$41,236.00	\$0.00	Mon 7/15/02	#####	#####	#####	#####	#####	\$0.00	\$41,236.00	
Fri 8/22/03	\$11,199.20	\$11,199.20	\$11,199.20	\$0.00	\$7,555.20	\$3,644.00	Tue 6/24/03	#####	#####	Fri 8/22/03	#####	Fri 8/22/03	\$3,644.00	\$7,555.20	
#####	\$3,777.60	\$3,777.60	\$3,777.60	\$0.00	\$3,777.60	\$0.00	Wed 8/20/03	#####	#####	#####	#####	#####	\$0.00	\$3,777.60	
#####	\$13,193.43	\$13,193.43	\$13,193.43	\$0.00	\$13,193.43	\$0.00	Wed 9/24/03	#####	#####	#####	#####	#####	\$0.00	\$13,193.43	
#####	\$41,236.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/13/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 2/27/04	\$18,409.28	\$18,409.28	\$18,409.28	\$0.00	\$18,409.28	\$0.00	Wed 8/18/04	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$18,409.28	
Fri 2/27/04	\$32,988.80	\$32,988.80	\$32,988.80	\$0.00	\$32,988.80	\$0.00	Fri 12/13/02	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$32,988.80	
Fri 4/16/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 8/12/03	#####	#####	Fri 4/16/04	#####	Fri 4/16/04	\$0.00	\$0.00	
NA	\$284,217.97	\$673,246.64	\$673,246.64	\$0.00	\$508,387.64	\$164,859.00	Wed 9/10/03	#####	#####	#####	#####	NA	\$164,859.00	\$508,387.64	
#####	\$41,234.93	\$18,555.75	\$18,555.75	\$0.00	\$18,555.75	\$0.00	Wed 9/10/03	#####	#####	#####	#####	#####	\$0.00	\$18,555.75	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 10/1/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$48,601.49	\$48,601.49	\$48,601.49	\$0.00	\$48,601.49	\$0.00	Fri 1/2/04	#####	Fri 1/2/04	#####	Fri 1/2/04	NA	\$0.00	\$48,601.49	
NA	\$106,248.80	\$106,248.80	\$106,248.80	\$0.00	\$106,248.80	\$0.00	Wed 8/4/04	#####	#####	#####	NA	NA	\$0.00	\$106,248.80	
NA	\$0.00	\$119,320.20	\$119,320.20	\$0.00	\$115,820.20	\$3,500.00	Mon 1/5/04	#####	#####	Thu 3/3/05	#####	NA	\$3,500.00	\$115,820.20	
NA	\$0.00	\$85,575.00	\$85,575.00	\$0.00	\$85,575.00	\$0.00	Mon 1/5/04	#####	#####	#####	#####	NA	\$0.00	\$85,575.00	
NA	\$0.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$3,500.00	Tue 3/30/04	#####	#####	#####	NA	NA	\$3,500.00	\$0.00	
NA	\$0.00	\$3,651.20	\$3,651.20	\$0.00	\$3,651.20	\$0.00	Tue 4/20/04	#####	#####	#####	NA	NA	\$0.00	\$3,651.20	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/10/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/10/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$17,199.60	\$17,199.60	\$0.00	\$17,199.60	\$0.00	Tue 5/11/04	#####	#####	#####	NA	NA	\$0.00	\$17,199.60	
NA	\$0.00	\$9,394.40	\$9,394.40	\$0.00	\$9,394.40	\$0.00	Wed 6/16/04	#####	#####	#####	NA	NA	\$0.00	\$9,394.40	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 7/14/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
Fri 2/27/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 7/15/04	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 7/21/04	#####	#####	Thu 3/3/05	NA	NA	\$0.00	\$0.00	
NA	\$242,983.04	\$380,520.40	\$380,520.40	\$0.00	\$219,161.40	\$161,359.00	Thu 3/11/04	#####	#####	#####	#####	NA	\$161,359.00	\$219,161.40	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$118,646.80	\$121,825.60	\$121,825.60	\$0.00	\$18,755.60	\$103,070.00	Thu 3/11/04	#####	#####	#####	#####	NA	\$103,070.00	\$18,755.60	
Mon 3/1/04	\$12,759.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 6/8/04	#####	#####	Mon 3/1/04	#####	Mon 3/1/04	\$0.00	\$0.00	
NA	\$51,746.88	\$46,836.00	\$46,836.00	\$0.00	\$0.00	\$46,836.00	#####	#####	Fri 3/4/05	#####	NA	NA	\$46,836.00	\$0.00	
NA	\$59,830.16	\$40,244.40	\$40,244.40	\$0.00	\$40,244.40	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$40,244.40	
NA	\$16,473.00	\$16,473.00	\$16,473.00	\$0.00	\$5,020.00	\$11,453.00	Tue 3/30/04	#####	#####	#####	#####	NA	\$11,453.00	\$5,020.00	
NA	\$55,988.40	\$55,988.40	\$55,988.40	\$0.00	\$55,988.40	\$0.00	Thu 4/1/04	#####	#####	Fri 1/14/05	#####	NA	\$0.00	\$55,988.40	
NA	\$29,925.00	\$29,925.00	\$29,925.00	\$0.00	\$29,925.00	\$0.00	Tue 1/18/05	#####	#####	#####	NA	NA	\$0.00	\$29,925.00	
NA	\$69,228.00	\$69,228.00	\$69,228.00	\$0.00	\$69,228.00	\$0.00	Tue 5/24/05	#####	#####	#####	NA	NA	\$0.00	\$69,228.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 7/12/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$122,499.48	\$118,420.44	\$118,420.44	\$0.00	\$68,220.44	\$50,200.00	#####	#####	#####	#####	#####	NA	\$50,200.00	\$68,220.44	
Fri 2/27/04	\$65,966.24	\$65,966.24	\$65,966.24	\$0.00	\$65,966.24	\$0.00	#####	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$65,966.24	
Fri 5/23/03	\$24,741.60	\$24,741.60	\$24,741.60	\$0.00	\$24,741.60	\$0.00	#####	#####	#####	Fri 5/23/03	#####	Fri 5/23/03	\$0.00	\$24,741.60	
#####	\$7,555.20	\$7,555.20	\$7,555.20	\$0.00	\$7,555.20	\$0.00	Tue 12/3/02	#####	#####	#####	#####	#####	\$0.00	\$7,555.20	
#####	\$7,555.20	\$7,555.20	\$7,555.20	\$0.00	\$7,555.20	\$0.00	Wed 7/23/03	#####	#####	#####	#####	#####	\$0.00	\$7,555.20	
#####	\$9,619.84	\$9,619.84	\$9,619.84	\$0.00	\$9,619.84	\$0.00	Thu 9/18/03	#####	#####	#####	#####	#####	\$0.00	\$9,619.84	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 2/27/04	\$16,494.40	\$16,494.40	\$16,494.40	\$0.00	\$16,494.40	\$0.00	Wed 1/28/04	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$16,494.40	
NA	\$56,533.24	\$52,454.20	\$52,454.20	\$0.00	\$2,254.20	\$50,200.00	Wed 2/25/04	#####	#####	#####	#####	NA	\$50,200.00	\$2,254.20	
Fri 2/27/04	\$51,144.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 2/25/04	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$0.00	
Fri 2/27/04	\$5,388.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 3/31/04	#####	#####	Fri 2/27/04	#####	Fri 2/27/04	\$0.00	\$0.00	
#####	\$456.40	\$456.40	\$456.40	\$0.00	\$456.40	\$0.00	Mon 5/17/04	#####	#####	#####	#####	#####	\$0.00	\$456.40	
NA	\$51,997.80	\$51,997.80	\$51,997.80	\$0.00	\$1,797.80	\$50,200.00	Tue 6/1/04	#####	#####	#####	#####	NA	\$50,200.00	\$1,797.80	
NA	\$272,997.22	\$272,997.22	\$272,997.22	\$0.00	\$163,959.22	\$109,038.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	NA	\$109,038.00	\$163,959.22	
Fri 4/30/04	\$157,814.90	\$157,814.90	\$157,814.90	\$0.00	\$132,016.90	\$25,798.00	Fri 2/1/02	#####	Fri 2/1/02	Fri 4/30/04	Fri 2/1/02	Fri 4/30/04	\$25,798.00	\$132,016.90	
Thu 8/8/02	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 8/8/02	#####	#####	Thu 8/8/02	#####	Thu 8/8/02	\$0.00	\$0.00	
#####	\$94,972.20	\$94,972.20	\$94,972.20	\$0.00	\$94,972.20	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	#####	\$0.00	\$94,972.20	
Wed 5/7/03	\$14,897.60	\$14,897.60	\$14,897.60	\$0.00	\$14,897.60	\$0.00	Fri 8/9/02	#####	Fri 8/9/02	Wed 5/7/03	Fri 8/9/02	Wed 5/7/03	\$0.00	\$14,897.60	
#####	\$17,931.20	\$17,931.20	\$17,931.20	\$0.00	\$2,133.20	\$15,798.00	Fri 8/23/02	#####	#####	#####	#####	#####	\$15,798.00	\$2,133.20	
#####	\$11,706.56	\$11,706.56	\$11,706.56	\$0.00	\$1,706.56	\$10,000.00	Thu 11/7/02	#####	#####	#####	#####	#####	\$10,000.00	\$1,706.56	
Fri 4/30/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 11/4/02	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$0.00	\$0.00	
Fri 8/29/03	\$15,327.72	\$15,327.72	\$15,327.72	\$0.00	\$15,327.72	\$0.00	Wed 6/25/03	#####	#####	Fri 8/29/03	#####	Fri 8/29/03	\$0.00	\$15,327.72	
Fri 8/29/03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 8/20/03	#####	#####	Fri 8/29/03	#####	Fri 8/29/03	\$0.00	\$0.00	
Fri 4/23/04	\$2,979.62	\$2,979.62	\$2,979.62	\$0.00	\$2,979.62	\$0.00	Tue 1/27/04	#####	#####	Fri 4/23/04	#####	Fri 4/23/04	\$0.00	\$2,979.62	
NA	\$103,683.92	\$103,683.92	\$103,683.92	\$0.00	\$20,443.92	\$83,240.00	Tue 3/2/04	#####	#####	#####	#####	NA	\$83,240.00	\$20,443.92	
NA	\$60,373.20	\$60,373.20	\$60,373.20	\$0.00	\$2,133.20	\$58,240.00	Tue 3/2/04	#####	#####	#####	#####	NA	\$58,240.00	\$2,133.20	
Fri 4/23/04	\$11,173.20	\$11,173.20	\$11,173.20	\$0.00	\$11,173.20	\$0.00	Tue 3/2/04	#####	#####	Fri 4/23/04	#####	Fri 4/23/04	\$0.00	\$11,173.20	
Fri 5/28/04	\$11,706.56	\$11,706.56	\$11,706.56	\$0.00	\$1,706.56	\$10,000.00	Fri 4/23/04	#####	#####	Fri 5/28/04	#####	Fri 5/28/04	\$10,000.00	\$1,706.56	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
#####	\$3,724.40	\$3,724.40	\$3,724.40	\$0.00	\$3,724.40	\$0.00	Wed 2/9/05	#####	#####	#####	#####	#####	\$0.00	\$3,724.40	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/25/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$16,706.56	\$16,706.56	\$16,706.56	\$0.00	\$1,706.56	\$15,000.00	Fri 2/25/05	#####	#####	#####	NA	NA	\$15,000.00	\$1,706.56	
NA	\$11,498.40	\$11,498.40	\$11,498.40	\$0.00	\$11,498.40	\$0.00	Tue 7/6/04	#####	#####	#####	#####	NA	\$0.00	\$11,498.40	
Fri 6/4/04	\$7,983.84	\$7,983.84	\$7,983.84	\$0.00	\$7,983.84	\$0.00	Tue 7/6/04	#####	#####	Fri 6/4/04	#####	Fri 6/4/04	\$0.00	\$7,983.84	
NA	\$3,514.56	\$3,514.56	\$3,514.56	\$0.00	\$3,514.56	\$0.00	Fri 5/6/05	#####	#####	#####	NA	NA	\$0.00	\$3,514.56	
NA	\$116,963.68	\$136,288.77	\$136,288.77	\$0.00	\$108,788.77	\$27,500.00	Mon 7/29/02	#####	#####	#####	#####	NA	\$27,500.00	\$108,788.77	
#####	\$89,691.28	\$105,251.04	\$105,251.04	\$0.00	\$88,751.04	\$16,500.00	Mon 7/29/02	#####	#####	#####	#####	#####	\$16,500.00	\$88,751.04	
#####	\$59,590.40	\$49,609.01	\$49,609.01	\$0.00	\$49,609.01	\$0.00	Mon 7/29/02	#####	#####	#####	#####	#####	\$0.00	\$49,609.01	
#####	\$7,448.80	\$7,443.29	\$7,443.29	\$0.00	\$7,443.29	\$0.00	Mon 7/21/03	#####	#####	#####	#####	#####	\$0.00	\$7,443.29	
Fri 5/23/03	\$9,633.20	\$10,486.66	\$10,486.66	\$0.00	\$2,986.66	\$7,500.00	Mon 1/6/03	#####	#####	Fri 5/23/03	#####	Fri 5/23/03	\$7,500.00	\$2,986.66	
#####	\$5,353.28	\$5,353.28	\$5,353.28	\$0.00	\$853.28	\$4,500.00	Mon 8/18/03	#####	#####	#####	#####	#####	\$4,500.00	\$853.28	
#####	\$3,832.85	\$3,832.85	\$3,832.85	\$0.00	\$3,832.85	\$0.00	Tue 9/16/03	#####	#####	#####	#####	#####	\$0.00	\$3,832.85	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 4/11/03	\$19,553.10	\$19,553.10	\$19,553.10	\$0.00	\$19,553.10	\$0.00	Mon 2/24/03	#####	#####	Fri 4/11/03	#####	Fri 4/11/03	\$0.00	\$19,553.10	
#####	\$5,140.00	\$5,140.00	\$5,140.00	\$0.00	\$640.00	\$4,500.00	Mon 4/14/03	#####	#####	#####	#####	#####	\$4,500.00	\$640.00	
#####	\$3,832.85	\$3,832.85	\$3,832.85	\$0.00	\$3,832.85	\$0.00	Thu 5/22/03	#####	#####	#####	#####	#####	\$0.00	\$3,832.85	
NA	\$27,272.40	\$31,037.73	\$31,037.73	\$0.00	\$20,037.73	\$11,000.00	Tue 1/27/04	#####	#####	#####	#####	NA	\$11,000.00	\$20,037.73	
NA	\$2,979.52	\$2,979.52	\$2,979.52	\$0.00	\$2,979.52	\$0.00	Tue 1/27/04	#####	#####	#####	NA	NA	\$0.00	\$2,979.52	
NA	\$7,133.20	\$7,133.20	\$7,133.20	\$0.00	\$2,133.20	\$5,000.00	Tue 3/2/04	#####	#####	#####	#####	NA	\$5,000.00	\$2,133.20	
NA	\$4,469.28	\$2,681.57	\$2,681.57	\$0.00	\$2,681.57	\$0.00	Tue 3/2/04	#####	#####	#####	NA	NA	\$0.00	\$2,681.57	
NA	\$4,706.56	\$3,853.33	\$3,853.33	\$0.00	\$853.33	\$3,000.00	Tue 8/23/05	#####	#####	Wed 2/2/05	NA	NA	\$3,000.00	\$853.33	
NA	\$7,983.84	\$4,790.35	\$4,790.35	\$0.00	\$4,790.35	\$0.00	Wed 11/2/05	#####	#####	#####	NA	NA	\$0.00	\$4,790.35	
Fri 5/21/04	\$2,979.52	\$2,979.52	\$2,979.52	\$0.00	\$2,979.52	\$0.00	Thu 3/4/04	#####	#####	Fri 5/21/04	#####	Fri 5/21/04	\$0.00	\$2,979.52	
#####	\$3,426.67	\$3,426.67	\$3,426.67	\$0.00	\$426.67	\$3,000.00	Thu 4/1/04	#####	#####	#####	#####	#####	\$3,000.00	\$426.67	
#####	\$3,193.57	\$3,193.57	\$3,193.57	\$0.00	\$3,193.57	\$0.00	Thu 4/29/04	#####	#####	#####	#####	#####	\$0.00	\$3,193.57	
NA	\$32,387.78	\$32,387.78	\$32,387.78	\$0.00	\$11,606.88	\$20,780.90	Mon 9/9/02	#####	#####	#####	#####	NA	\$20,780.90	\$11,606.88	
#####	\$10,983.92	\$10,983.92	\$10,983.92	\$0.00	\$7,983.92	\$3,000.00	Mon 9/9/02	#####	#####	#####	#####	#####	\$3,000.00	\$7,983.92	
Fri 11/1/02	\$1,489.76	\$1,489.76	\$1,489.76	\$0.00	\$1,489.76	\$0.00	#####	#####	#####	Fri 11/1/02	#####	Fri 11/1/02	\$0.00	\$1,489.76	
NA	\$19,914.10	\$19,914.10	\$19,914.10	\$0.00	\$2,133.20	\$17,780.90	Mon 6/6/05	#####	#####	#####	NA	NA	\$17,780.90	\$2,133.20	
NA	\$35,429.12	\$35,429.12	\$35,429.12	\$0.00	\$11,729.12	\$23,700.00	Fri 8/23/02	#####	#####	#####	#####	NA	\$23,700.00	\$11,729.12	
#####	\$16,469.68	\$16,469.68	\$16,469.68	\$0.00	\$5,119.68	\$11,350.00	Fri 8/23/02	#####	#####	#####	#####	#####	\$11,350.00	\$5,119.68	
#####	\$11,513.12	\$11,513.12	\$11,513.12	\$0.00	\$3,413.12	\$8,100.00	Fri 8/23/02	#####	#####	#####	#####	#####	\$8,100.00	\$3,413.12	
#####	\$4,956.56	\$4,956.56	\$4,956.56	\$0.00	\$1,706.56	\$3,250.00	#####	#####	#####	#####	#####	#####	\$3,250.00	\$1,706.56	
NA	\$18,959.44	\$18,959.44	\$18,959.44	\$0.00	\$6,609.44	\$12,350.00	Fri 4/16/04	#####	#####	#####	#####	NA	\$12,350.00	\$6,609.44	
Fri 4/30/04	\$1,489.76	\$1,489.76	\$1,489.76	\$0.00	\$1,489.76	\$0.00	Fri 4/16/04	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$0.00	\$1,489.76	
NA	\$12,513.12	\$12,513.12	\$12,513.12	\$0.00	\$3,413.12	\$9,100.00	Mon 6/6/05	#####	#####	#####	NA	NA	\$9,100.00	\$3,413.12	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$4,956.56	\$4,956.56	\$4,956.56	\$0.00	\$1,706.56	\$3,250.00	Mon 6/6/05	#####	#####	#####	NA	NA	\$3,250.00	\$1,706.56	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/5/06	#####	#####	#####	NA	NA	\$0.00	\$0.00	
Fri 5/28/04	\$45,047.18	\$39,971.98	\$35,329.42	\$4,642.56	\$35,329.42	\$0.00	Tue 7/1/03	#####	#####	Fri 5/28/04	#####	Fri 5/28/04	\$0.00	\$35,329.42	
Fri 5/28/04	\$16,494.40	\$16,494.40	\$16,494.40	\$0.00	\$16,494.40	\$0.00	Tue 7/1/03	#####	#####	Fri 5/28/04	#####	Fri 5/28/04	\$0.00	\$16,494.40	
#####	\$2,979.52	\$2,979.52	\$2,979.52	\$0.00	\$2,979.52	\$0.00	Tue 9/30/03	#####	#####	#####	#####	#####	\$0.00	\$2,979.52	
#####	\$3,298.88	\$3,298.88	\$3,298.88	\$0.00	\$3,298.88	\$0.00	Tue 9/30/03	#####	#####	#####	#####	#####	\$0.00	\$3,298.88	
#####	\$6,597.58	\$6,597.58	\$6,597.58	\$0.00	\$6,597.58	\$0.00	Tue 11/4/03	#####	#####	#####	#####	#####	\$0.00	\$6,597.58	
#####	\$5,959.04	\$5,959.04	\$5,959.04	\$0.00	\$5,959.04	\$0.00	Tue 11/4/03	#####	#####	#####	#####	#####	\$0.00	\$5,959.04	
Fri 3/26/04	\$6,597.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 11/4/03	#####	#####	Fri 3/26/04	#####	Fri 3/26/04	\$0.00	\$0.00	
#####	\$3,120.00	\$4,642.56	\$0.00	\$4,642.56	\$0.00	\$0.00	Tue 11/4/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$18,784.67	\$23,856.71	\$19,672.71	\$4,184.00	\$19,672.71	\$0.00	Wed 9/1/04	#####	#####	Thu 3/3/05	#####	NA	\$0.00	\$19,672.71	
NA	\$3,298.79	\$12,693.19	\$12,693.19	\$0.00	\$12,693.19	\$0.00	Wed 9/1/04	#####	#####	#####	NA	NA	\$0.00	\$12,693.19	
NA	\$2,979.52	\$2,979.52	\$2,979.52	\$0.00	\$2,979.52	\$0.00	Wed 9/1/04	#####	#####	#####	NA	NA	\$0.00	\$2,979.52	
#####	\$3,298.36	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 9/1/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$4,680.00	\$3,744.00	\$0.00	\$3,744.00	\$0.00	\$0.00	Wed 9/1/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	\$4,000.00	\$0.00	Tue 2/1/05	#####	#####	Thu 3/3/05	NA	NA	\$0.00	\$4,000.00	
NA	\$528.00	\$440.00	\$0.00	\$440.00	\$0.00	\$0.00	Tue 2/1/05	#####	#####	Thu 3/3/05	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 1/6/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 1/6/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 1/6/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/5/06	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$254,355.80	\$248,754.86	\$229,002.07	\$19,752.79	\$51,497.95	\$177,504.13	Thu 8/1/02	#####	#####	Wed 7/6/05	#####	NA	\$177,504.13	\$51,497.95	
Tue 8/5/03	\$2,528.00	\$2,440.00	\$2,000.00	\$440.00	\$2,000.00	\$0.00	Thu 6/12/03	#####	#####	Tue 8/5/03	#####	Tue 8/5/03	\$0.00	\$2,000.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/23/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Tue 8/5/03	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00	Wed 7/30/03	#####	#####	Tue 8/5/03	#####	Tue 8/5/03	\$0.00	\$2,000.00	
Tue 8/5/03	\$528.00	\$440.00	\$0.00	\$440.00	\$0.00	\$0.00	Wed 7/30/03	#####	#####	Tue 8/5/03	#####	Tue 8/5/03	\$0.00	\$0.00	
Fri 3/14/03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 11/1/02	#####	#####	Fri 3/14/03	#####	Fri 3/14/03	\$0.00	\$0.00	
Fri 3/14/03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/21/03	#####	#####	Fri 3/14/03	#####	Fri 3/14/03	\$0.00	\$0.00	
#####	\$43,742.60	\$43,742.60	\$43,742.60	\$0.00	\$3,868.70	\$39,873.90	Tue 1/21/03	#####	#####	#####	#####	#####	\$39,873.90	\$3,868.70	
#####	\$29,153.22	\$29,153.22	\$29,153.22	\$0.00	\$382.72	\$28,770.50	Tue 1/21/03	#####	#####	#####	#####	#####	\$28,770.50	\$382.72	
#####	\$11,419.14	\$11,419.14	\$11,419.14	\$0.00	\$315.74	\$11,103.40	Mon 6/16/03	#####	#####	#####	#####	#####	\$11,103.40	\$315.74	
#####	\$3,170.24	\$3,170.24	\$3,170.24	\$0.00	\$3,170.24	\$0.00	Wed 10/8/03	#####	#####	#####	#####	#####	\$0.00	\$3,170.24	
NA	\$50,580.90	\$54,708.00	\$54,708.00	\$0.00	\$20,120.70	\$34,587.30	Fri 3/14/03	#####	#####	#####	#####	NA	\$34,587.30	\$20,120.70	
#####	\$2,296.32	\$2,296.32	\$2,296.32	\$0.00	\$2,296.32	\$0.00	Fri 3/14/03	#####	#####	#####	#####	#####	\$0.00	\$2,296.32	
#####	\$23,325.38	\$23,325.38	\$23,325.38	\$0.00	\$574.08	\$22,751.30	Mon 6/9/03	#####	#####	#####	#####	#####	\$22,751.30	\$574.08	
#####	\$4,005.04	\$4,005.04	\$4,005.04	\$0.00	\$287.04	\$3,718.00	Wed 9/3/03	#####	#####	#####	#####	#####	\$3,718.00	\$287.04	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$5,322.24	\$5,322.24	\$5,322.24	\$0.00	\$5,322.24	\$0.00	Thu 4/1/04	#####	#####	#####	#####	NA	\$0.00	\$5,322.24	
NA	\$1,148.16	\$1,148.16	\$1,148.16	\$0.00	\$1,148.16	\$0.00	Mon 8/23/04	#####	#####	#####	#####	NA	\$0.00	\$1,148.16	
NA	\$8,500.72	\$8,500.72	\$8,500.72	\$0.00	\$382.72	\$8,118.00	Tue 9/28/04	#####	#####	#####	NA	NA	\$8,118.00	\$382.72	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 1/24/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$10,110.14	\$10,110.14	\$10,110.14	\$0.00	\$10,110.14	\$0.00	Tue 1/25/05	#####	#####	#####	NA	NA	\$0.00	\$10,110.14	
NA	\$16,007.52	\$17,729.76	\$17,729.76	\$0.00	\$5,453.76	\$12,276.00	#####	#####	#####	Fri 1/28/05	#####	NA	\$12,276.00	\$5,453.76	
Fri 5/28/04	\$1,148.16	\$1,148.16	\$1,148.16	\$0.00	\$1,148.16	\$0.00	#####	#####	#####	Fri 5/28/04	#####	Fri 5/28/04	\$0.00	\$1,148.16	
Fri 5/28/04	\$8,626.08	\$8,626.08	\$8,626.08	\$0.00	\$574.08	\$8,052.00	Mon 4/5/04	#####	#####	Fri 5/28/04	#####	Fri 5/28/04	\$8,052.00	\$574.08	
#####	\$4,511.04	\$4,511.04	\$4,511.04	\$0.00	\$287.04	\$4,224.00	Tue 6/1/04	#####	#####	#####	#####	#####	\$4,224.00	\$287.04	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 7/27/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$3,444.48	\$3,444.48	\$3,444.48	\$0.00	\$3,444.48	\$0.00	Wed 7/28/04	#####	#####	Fri 1/28/05	NA	NA	\$0.00	\$3,444.48	
NA	\$32,513.93	\$35,301.45	\$35,301.45	\$0.00	\$14,592.45	\$20,709.00	Thu 8/1/02	#####	#####	#####	#####	NA	\$20,709.00	\$14,592.45	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 8/1/02	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$14,557.28	\$14,557.28	\$14,557.28	\$0.00	\$8,577.28	\$5,980.00	#####	#####	#####	#####	#####	NA	\$5,980.00	\$8,577.28	
Fri 1/31/03	\$6,304.32	\$6,304.32	\$6,304.32	\$0.00	\$6,304.32	\$0.00	#####	Fri 3/7/03	#####	Fri 1/31/03	#####	Fri 1/31/03	\$0.00	\$6,304.32	
Fri 6/27/03	\$1,635.68	\$1,635.68	\$1,635.68	\$0.00	\$95.68	\$1,540.00	Mon 3/10/03	#####	#####	Fri 6/27/03	#####	Fri 6/27/03	\$1,540.00	\$95.68	
#####	\$4,631.36	\$4,631.36	\$4,631.36	\$0.00	\$191.36	\$4,440.00	Mon 6/30/03	#####	#####	#####	#####	#####	\$4,440.00	\$191.36	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/11/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$1,985.92	\$1,985.92	\$1,985.92	\$0.00	\$1,985.92	\$0.00	Tue 8/12/03	#####	#####	#####	#####	NA	\$0.00	\$1,985.92	
NA	\$17,956.65	\$20,744.17	\$20,744.17	\$0.00	\$6,015.17	\$14,729.00	Wed 9/10/03	#####	Fri 7/9/04	#####	Fri 7/9/04	NA	\$14,729.00	\$6,015.17	
Thu 8/5/04	\$8,623.09	\$8,623.09	\$8,623.09	\$0.00	\$153.09	\$8,470.00	Fri 7/9/04	#####	Fri 7/9/04	Thu 8/5/04	Fri 7/9/04	Thu 8/5/04	\$8,470.00	\$153.09	
NA	\$6,546.04	\$6,546.04	\$6,546.04	\$0.00	\$287.04	\$6,259.00	Fri 8/6/04	#####	#####	#####	NA	NA	\$6,259.00	\$287.04	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 10/1/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$5,575.04	\$5,575.04	\$5,575.04	\$0.00	\$5,575.04	\$0.00	Tue 1/25/05	#####	#####	#####	NA	NA	\$0.00	\$5,575.04	
NA	\$108,982.85	\$94,833.05	\$75,520.26	\$19,312.79	\$5,462.34	\$70,057.93	Thu 3/20/03	#####	#####	Wed 7/6/05	#####	NA	\$70,057.93	\$5,462.34	
NA	\$74,818.85	\$75,520.25	\$75,520.26	(\$0.01)	\$5,462.34	\$70,057.93	Thu 3/20/03	#####	#####	Wed 7/6/05	#####	NA	\$70,057.93	\$5,462.34	
#####	\$16,639.36	\$16,639.36	\$16,639.36	\$0.00	\$229.63	\$16,409.73	Mon 6/30/03	#####	#####	#####	#####	#####	\$16,409.73	\$229.63	
NA	\$1,302.60	\$1,302.60	\$1,302.60	\$0.00	\$1,302.60	\$0.00	Mon 5/24/04	#####	#####	#####	#####	NA	\$0.00	\$1,302.60	
#####	\$8,973.15	\$8,973.15	\$8,973.15	\$0.00	\$373.15	\$8,600.00	Mon 6/23/03	#####	#####	#####	#####	#####	\$8,600.00	\$373.15	
#####	\$8,492.38	\$8,492.38	\$8,492.38	\$0.00	\$124.38	\$8,368.00	Thu 3/20/03	#####	#####	#####	#####	#####	\$8,368.00	\$124.38	
#####	\$13,689.58	\$13,689.58	\$13,689.58	\$0.00	\$124.38	\$13,565.20	Tue 7/1/03	#####	#####	#####	#####	#####	\$13,565.20	\$124.38	
NA	\$4,304.38	\$4,304.38	\$4,304.38	\$0.00	\$124.38	\$4,180.00	Tue 1/20/04	#####	#####	#####	#####	NA	\$4,180.00	\$124.38	
NA	\$809.60	\$809.60	\$809.60	\$0.00	\$400.80	\$408.80	Thu 1/15/04	#####	#####	#####	#####	NA	\$408.80	\$400.80	
NA	\$7,507.80	\$7,507.80	\$7,507.80	\$0.00	\$300.60	\$7,207.20	Thu 1/15/04	#####	#####	#####	#####	NA	\$7,207.20	\$300.60	
NA	\$12,808.44	\$12,808.44	\$12,808.44	\$0.00	\$1,489.44	\$11,319.00	Tue 8/3/04	#####	#####	Mon 5/9/05	NA	NA	\$11,319.00	\$1,489.44	
NA	\$992.96	\$992.96	\$992.96	\$0.00	\$992.96	\$0.00	Wed 2/2/05	#####	#####	Wed 7/6/05	NA	NA	\$0.00	\$992.96	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$29,640.00	\$19,312.80	\$0.00	\$19,312.80	\$0.00	\$0.00	#####	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$9,328.80	\$9,328.80	\$0.00	\$9,328.80	\$0.00	\$0.00	Mon 5/24/04	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$9,984.00	\$9,984.00	\$0.00	\$9,984.00	\$0.00	\$0.00	Tue 1/20/04	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/3/06	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$889,118.47	\$1,266,616.90	\$1,118,268.00	\$148,348.90	\$332,871.00	\$785,397.00	#####	#####	#####	Tue 8/2/05	#####	NA	\$785,397.00	\$332,871.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$85,272.00	\$85,272.00	\$85,272.00	\$0.00	\$85,272.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$85,272.00	
#####	\$72,352.00	\$72,352.00	\$72,352.00	\$0.00	\$72,352.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$72,352.00	
#####	\$12,920.00	\$12,920.00	\$12,920.00	\$0.00	\$12,920.00	\$0.00	Fri 8/1/03	#####	#####	#####	#####	#####	\$0.00	\$12,920.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 9/15/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Mon 5/3/04	\$1,550.40	\$1,550.40	\$1,550.40	\$0.00	\$1,550.40	\$0.00	Tue 9/16/03	#####	#####	Mon 5/3/04	#####	Mon 5/3/04	\$0.00	\$1,550.40	
Mon 5/3/04	\$1,550.40	\$1,550.40	\$1,550.40	\$0.00	\$1,550.40	\$0.00	Thu 6/26/03	#####	#####	Mon 5/3/04	#####	Mon 5/3/04	\$0.00	\$1,550.40	
Mon 5/3/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 6/26/03	#####	#####	Mon 5/3/04	#####	Mon 5/3/04	\$0.00	\$0.00	
Mon 5/3/04	\$106,347.60	\$106,347.60	\$106,347.60	\$0.00	\$50,258.60	\$56,089.00	Tue 9/16/03	#####	#####	Mon 5/3/04	#####	Mon 5/3/04	\$56,089.00	\$50,258.60	
Mon 5/3/04	\$50,258.60	\$50,258.60	\$50,258.60	\$0.00	\$50,258.60	\$0.00	Tue 9/16/03	#####	#####	Mon 5/3/04	#####	Mon 5/3/04	\$0.00	\$50,258.60	
#####	\$22,739.00	\$22,739.00	\$22,739.00	\$0.00	\$22,739.00	\$0.00	Tue 9/16/03	#####	#####	#####	#####	#####	\$0.00	\$22,739.00	
#####	\$2,067.20	\$2,067.20	\$2,067.20	\$0.00	\$2,067.20	\$0.00	#####	Fri 1/9/04	#####	#####	#####	#####	\$0.00	\$2,067.20	
#####	\$1,033.60	\$1,033.60	\$1,033.60	\$0.00	\$1,033.60	\$0.00	Mon 1/12/04	#####	#####	#####	#####	#####	\$0.00	\$1,033.60	
#####	\$1,162.80	\$1,162.80	\$1,162.80	\$0.00	\$1,162.80	\$0.00	Thu 1/29/04	#####	#####	#####	#####	#####	\$0.00	\$1,162.80	
Mon 5/3/04	\$23,256.00	\$23,256.00	\$23,256.00	\$0.00	\$23,256.00	\$0.00	Wed 2/25/04	#####	#####	Mon 5/3/04	#####	Mon 5/3/04	\$0.00	\$23,256.00	
#####	\$56,089.00	\$56,089.00	\$56,089.00	\$0.00	\$0.00	\$56,089.00	Tue 9/16/03	#####	#####	#####	#####	#####	\$56,089.00	\$0.00	
Thu 8/7/03	\$48,000.00	\$48,000.00	\$48,000.00	\$0.00	\$0.00	\$48,000.00	Tue 9/16/03	Fri 1/9/04	#####	Thu 8/7/03	#####	Thu 8/7/03	\$48,000.00	\$0.00	
#####	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$1,500.00	#####	Fri 1/9/04	#####	#####	#####	#####	\$1,500.00	\$0.00	
#####	\$5,801.00	\$5,801.00	\$5,801.00	\$0.00	\$0.00	\$5,801.00	Mon 1/12/04	#####	#####	#####	#####	#####	\$5,801.00	\$0.00	
#####	\$788.00	\$788.00	\$788.00	\$0.00	\$0.00	\$788.00	Thu 1/29/04	#####	#####	#####	#####	#####	\$788.00	\$0.00	
NA	\$56,388.12	\$50,160.00	\$32,280.00	\$17,880.00	\$17,600.00	\$14,680.00	Tue 3/16/04	#####	#####	#####	#####	NA	\$14,680.00	\$17,600.00	
#####	\$26,951.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 3/16/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$12,920.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 3/16/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$1,033.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/20/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$77.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/6/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 3/19/04	\$1,033.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/3/04	#####	#####	Fri 3/19/04	#####	Fri 3/19/04	\$0.00	\$0.00	
#####	\$10,336.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 5/19/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$1,550.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 6/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$6,789.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/6/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$5,801.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/20/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/6/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$788.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
#####	\$22,648.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 6/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 5/21/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 6/3/04	#####	#####	Fri 5/21/04	#####	Fri 5/21/04	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 6/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$37,680.00	\$32,280.00	\$32,280.00	\$0.00	\$17,600.00	\$14,680.00	Mon 4/26/04	#####	#####	Fri 9/17/04	#####	NA	\$14,680.00	\$17,600.00	
Fri 6/18/04	\$5,400.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00	Mon 4/26/04	#####	#####	Fri 6/18/04	#####	Fri 6/18/04	\$0.00	\$5,400.00	
#####	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	\$1,800.00	\$0.00	Mon 4/26/04	#####	#####	#####	#####	#####	\$0.00	\$1,800.00	
Fri 6/18/04	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	Tue 6/1/04	#####	#####	Fri 6/18/04	#####	Fri 6/18/04	\$0.00	\$3,600.00	
#####	\$2,200.00	\$2,200.00	\$2,200.00	\$0.00	\$200.00	\$2,000.00	Tue 6/15/04	#####	#####	#####	#####	#####	\$2,000.00	\$200.00	
#####	\$11,280.00	\$11,280.00	\$11,280.00	\$0.00	\$1,000.00	\$10,280.00	Tue 6/22/04	#####	#####	#####	#####	#####	\$10,280.00	\$1,000.00	
Fri 7/30/04	\$1,400.00	\$1,400.00	\$1,400.00	\$0.00	\$200.00	\$1,200.00	Mon 7/12/04	Fri 8/6/04	#####	Fri 7/30/04	#####	Fri 7/30/04	\$1,200.00	\$200.00	
NA	\$8,400.00	\$8,400.00	\$8,400.00	\$0.00	\$7,200.00	\$1,200.00	Mon 8/9/04	Fri 9/3/04	#####	#####	#####	NA	\$1,200.00	\$7,200.00	
NA	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	Mon 7/12/04	#####	#####	Fri 9/17/04	#####	NA	\$0.00	\$3,600.00	
NA	\$17,880.00	\$17,880.00	\$0.00	\$17,880.00	\$0.00	\$0.00	Tue 9/7/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/30/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/30/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$639,560.35	\$706,978.00	\$687,158.00	\$19,820.00	\$64,090.00	\$623,068.00	#####	#####	#####	#####	#####	NA	\$623,068.00	\$64,090.00	
#####	\$397,954.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 11/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$356,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	Fri 7/1/05	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$516.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 11/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$10,336.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 11/3/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$1,550.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 4/23/04	\$775.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/13/05	#####	#####	Fri 4/23/04	#####	Fri 4/23/04	\$0.00	\$0.00	
#####	\$351.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 3/11/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$15,504.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/19/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$12,920.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/3/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$150,588.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$83,296.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	Fri 7/1/05	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$1,292.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$17,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$30,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/13/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 4/23/04	\$8,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 3/11/05	#####	#####	Fri 4/23/04	#####	Fri 4/23/04	\$0.00	\$0.00	
#####	\$8,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/3/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$1,540.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/3/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$36,750.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/3/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 4/30/04	\$52,728.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/3/05	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$0.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/10/06	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$27,340.00	\$197,340.00	\$197,340.00	\$0.00	\$27,340.00	\$170,000.00	Mon 10/4/04	#####	#####	#####	NA	NA	\$170,000.00	\$27,340.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 10/4/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$170,000.00	\$170,000.00	\$0.00	\$0.00	\$170,000.00	#####	Fri 1/7/05	#####	Tue 3/1/05	NA	NA	\$170,000.00	\$0.00	
NA	\$900.00	\$900.00	\$900.00	\$0.00	\$900.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$900.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	\$1,800.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$1,800.00	
NA	\$1,200.00	\$1,200.00	\$1,200.00	\$0.00	\$1,200.00	\$0.00	Tue 11/2/04	#####	#####	#####	NA	NA	\$0.00	\$1,200.00	
NA	\$200.00	\$200.00	\$200.00	\$0.00	\$200.00	\$0.00	#####	#####	#####	Tue 3/8/05	NA	NA	\$0.00	\$200.00	
NA	\$200.00	\$200.00	\$200.00	\$0.00	\$200.00	\$0.00	Tue 1/18/05	#####	#####	Tue 4/5/05	NA	NA	\$0.00	\$200.00	
NA	\$8,640.00	\$8,640.00	\$8,640.00	\$0.00	\$8,640.00	\$0.00	Tue 2/15/05	#####	#####	#####	NA	NA	\$0.00	\$8,640.00	
NA	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	Tue 2/15/05	#####	#####	Wed 6/1/05	NA	NA	\$0.00	\$3,600.00	
NA	\$5,040.00	\$5,040.00	\$5,040.00	\$0.00	\$5,040.00	\$0.00	Tue 3/1/05	#####	#####	#####	NA	NA	\$0.00	\$5,040.00	
NA	\$14,400.00	\$14,400.00	\$14,400.00	\$0.00	\$14,400.00	\$0.00	Thu 11/4/04	#####	#####	Fri 6/24/05	NA	NA	\$0.00	\$14,400.00	
NA	\$453,068.00	\$453,068.00	\$453,068.00	\$0.00	\$0.00	\$453,068.00	Tue 11/2/04	#####	#####	#####	NA	NA	\$453,068.00	\$0.00	
NA	\$439,296.00	\$439,296.00	\$439,296.00	\$0.00	\$0.00	\$439,296.00	Tue 11/2/04	#####	#####	#####	NA	NA	\$439,296.00	\$0.00	
NA	\$5,522.00	\$5,522.00	\$5,522.00	\$0.00	\$0.00	\$5,522.00	Tue 11/2/04	#####	#####	#####	NA	NA	\$5,522.00	\$0.00	
NA	\$3,800.00	\$3,800.00	\$3,800.00	\$0.00	\$0.00	\$3,800.00	#####	#####	#####	Tue 3/8/05	NA	NA	\$3,800.00	\$0.00	
NA	\$4,450.00	\$4,450.00	\$4,450.00	\$0.00	\$0.00	\$4,450.00	Tue 1/18/05	#####	#####	Tue 4/5/05	NA	NA	\$4,450.00	\$0.00	
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 3/1/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$36,750.00	\$36,750.00	\$36,750.00	\$0.00	\$36,750.00	\$0.00	Tue 3/1/05	#####	#####	#####	NA	NA	\$0.00	\$36,750.00	
NA	\$18,720.00	\$18,720.00	\$0.00	\$18,720.00	\$0.00	\$0.00	Tue 3/1/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$24,580.00	\$24,580.00	\$16,000.00	\$8,580.00	\$0.00	\$16,000.00	Wed 1/14/04	#####	#####	#####	#####	NA	\$16,000.00	\$0.00	
#####	\$1,848.00	\$1,848.00	\$0.00	\$1,848.00	\$0.00	\$0.00	Wed 1/14/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 2/13/04	\$1,232.00	\$1,232.00	\$0.00	\$1,232.00	\$0.00	\$0.00	Tue 1/27/04	#####	#####	Fri 2/13/04	#####	Fri 2/13/04	\$0.00	\$0.00	
Mon 3/8/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 3/8/04	#####	#####	Mon 3/8/04	#####	Mon 3/8/04	\$0.00	\$0.00	
Fri 4/30/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 4/30/04	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$0.00	\$0.00	
#####	\$2,200.00	\$2,200.00	\$0.00	\$2,200.00	\$0.00	\$0.00	Fri 3/19/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 6/11/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 4/30/04	#####	#####	Fri 6/11/04	#####	Fri 6/11/04	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 5/28/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 6/2/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Mon 7/5/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 6/30/04	#####	#####	Mon 7/5/04	#####	Mon 7/5/04	\$0.00	\$0.00	
Mon 7/5/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 7/1/04	#####	#####	Mon 7/5/04	#####	Mon 7/5/04	\$0.00	\$0.00	
Fri 7/30/04	\$16,000.00	\$16,000.00	\$16,000.00	\$0.00	\$0.00	\$16,000.00	Mon 7/5/04	#####	#####	Fri 7/30/04	#####	Fri 7/30/04	\$16,000.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 7/30/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Mon 8/2/04	#####	#####	#####	NA	NA	\$0.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Mon 8/16/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Mon 8/30/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 9/13/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$70,100.00	\$70,266.10	\$15,000.00	\$55,266.10	\$0.00	\$15,000.00	Mon 12/1/03	#####	#####	#####	#####	NA	\$15,000.00	\$0.00
Tue 1/6/04	\$8,800.00	\$8,800.00	\$0.00	\$8,800.00	\$0.00	\$0.00	Mon 12/1/03	#####	#####	Tue 1/6/04	#####	Tue 1/6/04	\$0.00	\$0.00
Fri 5/7/04	\$4,400.00	\$4,400.00	\$0.00	\$4,400.00	\$0.00	\$0.00	Mon 3/15/04	Fri 5/7/04	#####	Fri 5/7/04	#####	Fri 5/7/04	\$0.00	\$0.00
Fri 5/7/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 5/7/04	Fri 5/7/04	Fri 5/7/04	Fri 5/7/04	Fri 5/7/04	Fri 5/7/04	\$0.00	\$0.00
Fri 5/21/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/10/04	#####	#####	Fri 5/21/04	#####	Fri 5/21/04	\$0.00	\$0.00
Mon 6/7/04	\$2,200.00	\$2,200.00	\$0.00	\$2,200.00	\$0.00	\$0.00	Mon 5/10/04	#####	#####	Mon 6/7/04	#####	Mon 6/7/04	\$0.00	\$0.00
Fri 8/13/04	\$7,500.00	\$7,500.00	\$7,500.00	\$0.00	\$0.00	\$7,500.00	Tue 6/8/04	#####	#####	Fri 8/13/04	#####	Fri 8/13/04	\$7,500.00	\$0.00
Fri 8/13/04	\$1,560.00	\$1,560.00	\$0.00	\$1,560.00	\$0.00	\$0.00	Tue 6/22/04	#####	#####	Fri 8/13/04	#####	Fri 8/13/04	\$0.00	\$0.00
Fri 8/27/04	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Wed 7/21/04	#####	#####	Fri 8/27/04	#####	Fri 8/27/04	\$0.00	\$0.00
NA	\$8,800.00	\$8,966.10	\$0.00	\$8,966.10	\$0.00	\$0.00	Fri 4/9/04	#####	Fri 4/9/04	#####	Fri 4/9/04	NA	\$0.00	\$0.00
NA	\$17,600.00	\$17,600.00	\$0.00	\$17,600.00	\$0.00	\$0.00	Tue 8/3/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Wed 8/4/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Wed 8/18/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$7,500.00	\$7,500.00	\$7,500.00	\$0.00	\$0.00	\$7,500.00	Wed 9/1/04	#####	#####	#####	NA	NA	\$7,500.00	\$0.00
NA	\$6,240.00	\$6,240.00	\$0.00	\$6,240.00	\$0.00	\$0.00	Thu 9/16/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$38,180.00	\$34,372.80	\$0.00	\$34,372.80	\$0.00	\$0.00	Thu 2/12/04	#####	#####	#####	#####	NA	\$0.00	\$0.00
#####	\$8,800.00	\$8,800.00	\$0.00	\$8,800.00	\$0.00	\$0.00	Thu 2/12/04	#####	#####	#####	#####	#####	\$0.00	\$0.00
Wed 4/7/04	\$5,500.00	\$5,500.00	\$0.00	\$5,500.00	\$0.00	\$0.00	Thu 3/11/04	#####	#####	Wed 4/7/04	#####	Wed 4/7/04	\$0.00	\$0.00
Fri 4/9/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 4/9/04	Fri 4/9/04	Fri 4/9/04	Fri 4/9/04	Fri 4/9/04	Fri 4/9/04	\$0.00	\$0.00
#####	\$440.00	\$580.80	\$0.00	\$580.80	\$0.00	\$0.00	Fri 4/9/04	#####	Fri 4/9/04	#####	Fri 4/9/04	#####	\$0.00	\$0.00
#####	\$880.00	\$880.00	\$0.00	\$880.00	\$0.00	\$0.00	Fri 5/7/04	Fri 6/4/04	#####	#####	#####	#####	\$0.00	\$0.00
Fri 5/28/04	\$11,280.00	\$6,768.00	\$0.00	\$6,768.00	\$0.00	\$0.00	Fri 4/9/04	#####	Fri 4/9/04	Fri 5/28/04	Fri 4/9/04	Fri 5/28/04	\$0.00	\$0.00
NA	\$11,280.00	\$11,844.00	\$0.00	\$11,844.00	\$0.00	\$0.00	Fri 5/21/04	#####	#####	#####	#####	NA	\$0.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 8/17/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$22,500.00	\$18,430.00	\$6,000.00	\$12,430.00	\$0.00	\$6,000.00	Mon 5/3/04	#####	#####	Fri 10/8/04	#####	NA	\$6,000.00	\$0.00
Fri 5/14/04	\$4,400.00	\$4,400.00	\$0.00	\$4,400.00	\$0.00	\$0.00	Mon 5/3/04	#####	#####	Fri 5/14/04	#####	Fri 5/14/04	\$0.00	\$0.00
#####	\$4,400.00	\$2,420.00	\$0.00	\$2,420.00	\$0.00	\$0.00	Mon 5/17/04	#####	#####	#####	#####	#####	\$0.00	\$0.00
#####	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	\$0.00	\$3,000.00	Tue 6/1/04	#####	#####	#####	#####	#####	\$3,000.00	\$0.00
#####	\$2,200.00	\$110.00	\$0.00	\$110.00	\$0.00	\$0.00	Tue 6/29/04	#####	#####	#####	#####	#####	\$0.00	\$0.00
NA	\$4,400.00	\$4,400.00	\$0.00	\$4,400.00	\$0.00	\$0.00	Wed 7/28/04	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	\$0.00	\$3,000.00	Wed 8/11/04	#####	#####	Fri 9/24/04	NA	NA	\$3,000.00	\$0.00

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$1,100.00	\$1,100.00	\$0.00	\$1,100.00	\$0.00	\$0.00	Thu 9/9/04	#####	#####	Fri 10/8/04	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 9/22/04	#####	#####	Fri 10/8/04	NA	NA	\$0.00	\$0.00	
NA	\$148,960.00	\$148,960.00	\$148,960.00	\$0.00	\$97,900.00	\$51,060.00	Fri 4/9/04	#####	Fri 4/9/04	Tue 8/2/05	Fri 4/9/04	NA	\$51,060.00	\$97,900.00	
#####	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	Fri 4/9/04	#####	Fri 4/9/04	#####	Fri 4/9/04	#####	\$0.00	\$3,600.00	
#####	\$7,200.00	\$7,200.00	\$7,200.00	\$0.00	\$7,200.00	\$0.00	Fri 4/30/04	#####	#####	#####	#####	#####	\$0.00	\$7,200.00	
#####	\$2,560.00	\$2,560.00	\$2,560.00	\$0.00	\$0.00	\$2,560.00	Fri 5/14/04	#####	#####	#####	#####	#####	\$2,560.00	\$0.00	
#####	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	\$0.00	\$4,000.00	Thu 6/3/04	#####	#####	#####	#####	#####	\$4,000.00	\$0.00	
#####	\$1,700.00	\$1,700.00	\$1,700.00	\$0.00	\$0.00	\$1,700.00	Tue 6/29/04	#####	#####	#####	#####	#####	\$1,700.00	\$0.00	
NA	\$5,300.00	\$5,300.00	\$5,300.00	\$0.00	\$3,600.00	\$1,700.00	Wed 7/14/04	#####	#####	Fri 9/10/04	#####	NA	\$1,700.00	\$3,600.00	
NA	\$5,400.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00	Tue 9/14/04	#####	#####	#####	NA	NA	\$0.00	\$5,400.00	
NA	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$3,600.00	
NA	\$2,050.00	\$2,050.00	\$2,050.00	\$0.00	\$0.00	\$2,050.00	#####	#####	#####	#####	NA	NA	\$2,050.00	\$0.00	
NA	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	\$0.00	\$4,000.00	Tue 11/2/04	#####	#####	#####	NA	NA	\$4,000.00	\$0.00	
NA	\$1,700.00	\$1,700.00	\$1,700.00	\$0.00	\$0.00	\$1,700.00	#####	#####	#####	Tue 2/8/05	NA	NA	\$1,700.00	\$0.00	
NA	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	\$1,800.00	\$0.00	#####	#####	#####	Fri 3/11/05	NA	NA	\$0.00	\$1,800.00	
NA	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	\$1,800.00	\$0.00	Thu 1/6/05	#####	#####	Fri 3/25/05	NA	NA	\$0.00	\$1,800.00	
NA	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	\$1,800.00	\$0.00	Fri 2/4/05	#####	#####	Fri 4/1/05	NA	NA	\$0.00	\$1,800.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 2/10/05	#####	Fri 4/1/05	Fri 4/1/05	NA	NA	\$0.00	\$0.00	
NA	\$25,500.00	\$25,500.00	\$25,500.00	\$0.00	\$0.00	\$25,500.00	Fri 1/21/05	#####	#####	Fri 4/8/05	NA	NA	\$25,500.00	\$0.00	
NA	\$5,850.00	\$5,850.00	\$5,850.00	\$0.00	\$1,800.00	\$4,050.00	Fri 2/4/05	#####	#####	Fri 4/15/05	NA	NA	\$4,050.00	\$1,800.00	
NA	\$3,800.00	\$3,800.00	\$3,800.00	\$0.00	\$0.00	\$3,800.00	Fri 2/25/05	#####	#####	Fri 5/6/05	NA	NA	\$3,800.00	\$0.00	
NA	\$2,700.00	\$2,700.00	\$2,700.00	\$0.00	\$2,700.00	\$0.00	Fri 3/18/05	#####	#####	Tue 7/5/05	NA	NA	\$0.00	\$2,700.00	
NA	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	Fri 4/1/05	#####	#####	Tue 8/2/05	NA	NA	\$0.00	\$3,600.00	
NA	\$7,200.00	\$7,200.00	\$7,200.00	\$0.00	\$7,200.00	\$0.00	Fri 6/18/04	#####	#####	#####	#####	NA	\$0.00	\$7,200.00	
NA	\$28,800.00	\$28,800.00	\$28,800.00	\$0.00	\$28,800.00	\$0.00	Tue 9/14/04	#####	#####	#####	NA	NA	\$0.00	\$28,800.00	
NA	\$7,200.00	\$7,200.00	\$7,200.00	\$0.00	\$7,200.00	\$0.00	Tue 9/14/04	#####	#####	#####	NA	NA	\$0.00	\$7,200.00	
NA	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$3,600.00	
NA	\$3,600.00	\$3,600.00	\$3,600.00	\$0.00	\$3,600.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$3,600.00	
NA	\$7,200.00	\$7,200.00	\$7,200.00	\$0.00	\$7,200.00	\$0.00	Fri 9/17/04	#####	#####	#####	NA	NA	\$0.00	\$7,200.00	
NA	\$7,200.00	\$7,200.00	\$7,200.00	\$0.00	\$7,200.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$7,200.00	
NA	\$7,000.00	\$7,000.00	\$7,000.00	\$0.00	\$7,000.00	\$0.00	Wed 5/19/04	Fri 5/6/05	#####	#####	#####	NA	\$0.00	\$7,000.00	
NA	\$18,000.00	\$18,000.00	\$18,000.00	\$0.00	\$18,000.00	\$0.00	Mon 4/12/04	#####	#####	#####	#####	NA	\$0.00	\$18,000.00	
NA	\$19,700.00	\$19,700.00	\$19,700.00	\$0.00	\$16,200.00	\$3,500.00	Fri 4/9/04	#####	Fri 4/9/04	#####	Fri 4/9/04	NA	\$3,500.00	\$16,200.00	
Fri 5/7/04	\$5,400.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00	Fri 4/9/04	#####	Fri 4/9/04	Fri 5/7/04	Fri 4/9/04	Fri 5/7/04	\$0.00	\$5,400.00	
#####	\$5,400.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00	Wed 5/5/04	#####	#####	#####	#####	#####	\$0.00	\$5,400.00	
#####	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$2,000.00	Tue 6/1/04	#####	#####	#####	#####	#####	\$2,000.00	\$0.00	
#####	\$500.00	\$500.00	\$500.00	\$0.00	\$0.00	\$500.00	Wed 5/12/04	#####	#####	#####	#####	#####	\$500.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
#####	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	\$0.00	\$1,000.00	Fri 6/25/04	Fri 7/9/04	#####	#####	#####	#####	\$1,000.00	\$0.00	
NA	\$5,400.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00	Thu 7/15/04	#####	#####	#####	#####	NA	\$0.00	\$5,400.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 4/10/06	#####	#####	Tue 8/2/05	NA	NA	\$0.00	\$0.00	
NA	\$93,416.34	\$93,416.34	\$93,416.34	\$0.00	\$44,466.34	\$48,950.00	Mon 8/9/04	#####	#####	#####	#####	NA	\$48,950.00	\$44,466.34	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/9/04	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/9/04	#####	#####	#####	#####	NA	\$0.00	\$0.00	
Wed 2/4/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/9/04	#####	#####	Wed 2/4/04	#####	Wed 2/4/04	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 6/27/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/9/04	#####	#####	#####	#####	NA	\$0.00	\$0.00	
Wed 2/4/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 8/9/04	#####	#####	Wed 2/4/04	#####	Wed 2/4/04	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$32,733.06	\$32,733.06	\$32,733.06	\$0.00	\$24,123.06	\$8,610.00	#####	#####	#####	#####	#####	NA	\$8,610.00	\$24,123.06	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	NA	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$8,160.00	\$8,160.00	\$8,160.00	\$0.00	\$0.00	\$8,160.00	Wed 1/5/05	#####	#####	Fri 8/6/04	#####	NA	\$8,160.00	\$0.00	
NA	\$24,573.06	\$24,573.06	\$24,573.06	\$0.00	\$24,123.06	\$450.00	#####	#####	#####	#####	#####	NA	\$450.00	\$24,123.06	
NA	\$8,247.20	\$8,247.20	\$8,247.20	\$0.00	\$8,247.20	\$0.00	#####	#####	#####	#####	#####	NA	\$0.00	\$8,247.20	
#####	\$4,123.60	\$4,123.60	\$4,123.60	\$0.00	\$4,123.60	\$0.00	Wed 1/5/05	#####	#####	#####	#####	#####	\$0.00	\$4,123.60	
#####	\$1,024.72	\$1,024.72	\$1,024.72	\$0.00	\$824.72	\$200.00	Tue 2/8/05	#####	#####	#####	#####	#####	\$200.00	\$824.72	
Fri 4/23/04	\$8,247.20	\$8,247.20	\$8,247.20	\$0.00	\$8,247.20	\$0.00	Fri 3/11/05	#####	#####	Fri 4/23/04	#####	Fri 4/23/04	\$0.00	\$8,247.20	
#####	\$2,061.80	\$2,061.80	\$2,061.80	\$0.00	\$2,061.80	\$0.00	Tue 3/29/05	#####	#####	#####	#####	#####	\$0.00	\$2,061.80	
#####	\$868.54	\$868.54	\$868.54	\$0.00	\$618.54	\$250.00	Thu 4/14/05	Fri 5/6/05	#####	#####	#####	#####	\$250.00	\$618.54	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/9/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/16/05	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$19,793.28	\$19,793.28	\$19,793.28	\$0.00	\$19,793.28	\$0.00	Tue 5/17/05	#####	#####	#####	#####	NA	\$0.00	\$19,793.28	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/17/05	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/17/05	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 5/17/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 7/22/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$19,793.28	\$19,793.28	\$19,793.28	\$0.00	\$19,793.28	\$0.00	Tue 5/17/05	#####	#####	#####	NA	NA	\$0.00	\$19,793.28	
NA	\$19,793.28	\$19,793.28	\$19,793.28	\$0.00	\$19,793.28	\$0.00	Tue 5/17/05	#####	#####	#####	NA	NA	\$0.00	\$19,793.28	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 8/23/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$
NA	\$40,890.00	\$40,890.00	\$40,890.00	\$0.00	\$550.00	\$40,340.00	Fri 7/22/05	#####	#####	#####	NA	NA	\$40,340.00	\$550.00
NA	\$1,050.00	\$1,050.00	\$1,050.00	\$0.00	\$550.00	\$500.00	Fri 7/22/05	#####	#####	#####	NA	NA	\$500.00	\$550.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 8/24/05	Fri 9/9/05	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$39,840.00	\$39,840.00	\$39,840.00	\$0.00	\$0.00	\$39,840.00	Mon 9/12/05	#####	#####	#####	NA	NA	\$39,840.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 8/16/05	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/5/06	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$235,242.84	\$209,760.78	\$207,577.00	\$2,183.78	\$58,852.00	\$148,725.00	Tue 1/21/03	#####	#####	Fri 4/1/05	#####	NA	\$148,725.00	\$58,852.00
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 4/1/03	#####	#####	#####	#####	#####	\$0.00	\$0.00
NA	\$1,292.00	\$1,292.00	\$1,292.00	\$0.00	\$1,292.00	\$0.00	Mon 5/2/05	#####	#####	#####	NA	NA	\$0.00	\$1,292.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 5/9/05	#####	#####	#####	NA	NA	\$0.00	\$0.00
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	#####	#####	\$0.00	\$0.00
NA	\$38,871.00	\$38,871.00	\$38,871.00	\$0.00	\$2,880.00	\$35,991.00	Tue 9/2/03	#####	#####	#####	#####	NA	\$35,991.00	\$2,880.00
#####	\$480.00	\$480.00	\$480.00	\$0.00	\$480.00	\$0.00	Tue 9/2/03	#####	#####	#####	#####	#####	\$0.00	\$480.00
NA	\$13,591.00	\$13,591.00	\$13,591.00	\$0.00	\$0.00	\$13,591.00	Fri 9/5/03	#####	#####	Thu 9/9/04	#####	NA	\$13,591.00	\$0.00
NA	\$7,800.00	\$7,800.00	\$7,800.00	\$0.00	\$0.00	\$7,800.00	Tue 5/10/05	#####	#####	#####	NA	NA	\$7,800.00	\$0.00
NA	\$14,600.00	\$14,600.00	\$14,600.00	\$0.00	\$0.00	\$14,600.00	Mon 6/13/05	#####	#####	#####	NA	NA	\$14,600.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 7/14/05	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$2,400.00	\$2,400.00	\$2,400.00	\$0.00	\$2,400.00	\$0.00	Fri 7/15/05	#####	#####	#####	NA	NA	\$0.00	\$2,400.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 9/19/05	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$22,658.00	\$22,658.00	\$22,658.00	\$0.00	\$1,600.00	\$21,058.00	Tue 9/2/03	#####	#####	#####	#####	NA	\$21,058.00	\$1,600.00
#####	\$480.00	\$480.00	\$480.00	\$0.00	\$480.00	\$0.00	Tue 9/2/03	#####	#####	#####	#####	#####	\$0.00	\$480.00
Mon 2/2/04	\$15,786.00	\$15,786.00	\$15,786.00	\$0.00	\$0.00	\$15,786.00	Fri 9/5/03	#####	#####	Mon 2/2/04	#####	Mon 2/2/04	\$15,786.00	\$0.00
NA	\$4,182.00	\$4,182.00	\$4,182.00	\$0.00	\$0.00	\$4,182.00	Tue 5/10/05	#####	#####	#####	NA	NA	\$4,182.00	\$0.00
NA	\$1,090.00	\$1,090.00	\$1,090.00	\$0.00	\$0.00	\$1,090.00	Wed 6/15/05	#####	#####	#####	NA	NA	\$1,090.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 7/20/05	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$1,120.00	\$1,120.00	\$1,120.00	\$0.00	\$1,120.00	\$0.00	Thu 7/21/05	#####	#####	#####	NA	NA	\$0.00	\$1,120.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 9/29/05	#####	#####	#####	NA	NA	\$0.00	\$0.00
#####	\$25,144.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/21/03	#####	#####	#####	#####	#####	\$0.00	\$0.00
#####	\$624.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/21/03	#####	#####	#####	#####	#####	\$0.00	\$0.00
#####	\$23,510.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/23/03	#####	#####	#####	#####	#####	\$0.00	\$0.00
#####	\$1,010.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 7/21/03	#####	#####	#####	#####	#####	\$0.00	\$0.00
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	#####	#####	\$0.00	\$0.00
NA	\$10,749.00	\$10,749.00	\$10,749.00	\$0.00	\$1,280.00	\$9,469.00	Tue 9/2/03	#####	#####	Wed 1/5/05	#####	NA	\$9,469.00	\$1,280.00
#####	\$240.00	\$240.00	\$240.00	\$0.00	\$240.00	\$0.00	Tue 9/2/03	#####	#####	#####	#####	#####	\$0.00	\$240.00
NA	\$6,561.00	\$6,561.00	\$6,561.00	\$0.00	\$0.00	\$6,561.00	Wed 9/3/03	#####	#####	#####	#####	NA	\$6,561.00	\$0.00
NA	\$2,190.00	\$2,190.00	\$2,190.00	\$0.00	\$0.00	\$2,190.00	Tue 5/10/05	#####	#####	#####	NA	NA	\$2,190.00	\$0.00

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
NA	\$718.00	\$718.00	\$718.00	\$0.00	\$0.00	\$718.00	Mon 6/13/05	#####	#####	#####	NA	NA	\$718.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 7/14/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$1,040.00	\$1,040.00	\$1,040.00	\$0.00	\$1,040.00	\$0.00	Fri 7/15/05	#####	#####	Wed 1/5/05	NA	NA	\$0.00	\$1,040.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 8/31/05	#####	#####	Wed 1/5/05	NA	NA	\$0.00	\$0.00	
NA	\$13,177.00	\$13,177.00	\$13,177.00	\$0.00	\$1,160.00	\$12,017.00	Tue 9/2/03	Fri 9/9/05	#####	#####	#####	NA	\$12,017.00	\$1,160.00	
#####	\$240.00	\$240.00	\$240.00	\$0.00	\$240.00	\$0.00	Tue 9/2/03	#####	#####	#####	#####	#####	\$0.00	\$240.00	
NA	\$9,297.00	\$9,297.00	\$9,297.00	\$0.00	\$0.00	\$9,297.00	Wed 9/3/03	#####	#####	#####	#####	NA	\$9,297.00	\$0.00	
NA	\$2,010.00	\$2,010.00	\$2,010.00	\$0.00	\$0.00	\$2,010.00	Tue 5/10/05	#####	#####	#####	NA	NA	\$2,010.00	\$0.00	
NA	\$710.00	\$710.00	\$710.00	\$0.00	\$0.00	\$710.00	Mon 6/13/05	#####	#####	#####	NA	NA	\$710.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 7/14/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$920.00	\$920.00	\$920.00	\$0.00	\$920.00	\$0.00	Fri 7/15/05	Fri 9/9/05	#####	#####	NA	NA	\$0.00	\$920.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 9/9/05	Fri 9/9/05	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$21,390.00	\$21,390.00	\$21,390.00	\$0.00	\$2,480.00	\$18,910.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$18,910.00	\$2,480.00	
NA	\$480.00	\$480.00	\$480.00	\$0.00	\$480.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$480.00	
NA	\$13,000.00	\$13,000.00	\$13,000.00	\$0.00	\$0.00	\$13,000.00	Fri 9/5/03	#####	#####	#####	NA	NA	\$13,000.00	\$0.00	
NA	\$3,950.00	\$3,950.00	\$3,950.00	\$0.00	\$0.00	\$3,950.00	Tue 5/10/05	#####	#####	#####	NA	NA	\$3,950.00	\$0.00	
NA	\$1,960.00	\$1,960.00	\$1,960.00	\$0.00	\$0.00	\$1,960.00	Mon 6/13/05	#####	#####	#####	NA	NA	\$1,960.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 7/14/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00	Fri 7/15/05	#####	#####	#####	NA	NA	\$0.00	\$2,000.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 9/19/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$42,397.00	\$42,397.00	\$42,397.00	\$0.00	\$4,000.00	\$38,397.00	Tue 9/2/03	#####	#####	Thu 2/3/05	#####	NA	\$38,397.00	\$4,000.00	
Mon 3/1/04	\$25,997.00	\$25,997.00	\$25,997.00	\$0.00	\$0.00	\$25,997.00	Tue 9/2/03	#####	#####	Mon 3/1/04	#####	Mon 3/1/04	\$25,997.00	\$0.00	
NA	\$7,800.00	\$7,800.00	\$7,800.00	\$0.00	\$0.00	\$7,800.00	Tue 5/10/05	#####	#####	#####	NA	NA	\$7,800.00	\$0.00	
NA	\$4,600.00	\$4,600.00	\$4,600.00	\$0.00	\$0.00	\$4,600.00	Wed 6/15/05	#####	#####	#####	NA	NA	\$4,600.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 7/20/05	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	\$4,000.00	\$0.00	Thu 7/21/05	#####	#####	Thu 2/3/05	NA	NA	\$0.00	\$4,000.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	Thu 2/3/05	NA	NA	\$0.00	\$0.00	
NA	\$13,100.00	\$13,100.00	\$13,100.00	\$0.00	\$5,600.00	\$7,500.00	Mon 11/3/03	#####	#####	Fri 4/1/05	#####	NA	\$7,500.00	\$5,600.00	
NA	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00	\$0.00	Mon 11/3/03	#####	#####	#####	#####	NA	\$0.00	\$5,000.00	
NA	\$7,500.00	\$7,500.00	\$7,500.00	\$0.00	\$0.00	\$7,500.00	Fri 1/9/04	Fri 4/2/04	#####	Fri 1/28/05	NA	NA	\$7,500.00	\$0.00	
NA	\$600.00	\$600.00	\$600.00	\$0.00	\$600.00	\$0.00	Mon 4/5/04	#####	#####	Fri 4/1/05	NA	NA	\$0.00	\$600.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 8/24/04	#####	Fri 4/1/05	Fri 4/1/05	NA	NA	\$0.00	\$0.00	
NA	\$993.00	\$993.00	\$993.00	\$0.00	\$160.00	\$833.00	Wed 9/1/04	#####	#####	#####	NA	NA	\$833.00	\$160.00	
NA	\$833.00	\$833.00	\$833.00	\$0.00	\$0.00	\$833.00	Wed 9/1/04	#####	#####	#####	NA	NA	\$833.00	\$0.00	
NA	\$160.00	\$160.00	\$160.00	\$0.00	\$160.00	\$0.00	Tue 10/5/04	#####	#####	#####	NA	NA	\$0.00	\$160.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
#####	\$4,185.78	\$4,185.78	\$3,250.00	\$935.78	\$0.00	\$3,250.00	Wed 7/23/03	#####	#####	#####	#####	#####	\$3,250.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Star	Actual Finis	M&S Non-Labor	M&S Labor \$	
Tue 8/5/03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 7/23/03	#####	#####	Tue 8/5/03	#####	Tue 8/5/03	\$0.00	\$0.00	
Fri 2/20/04	\$3,250.00	\$3,250.00	\$3,250.00	\$0.00	\$0.00	\$3,250.00	Wed 8/6/03	#####	#####	Fri 2/20/04	#####	Fri 2/20/04	\$3,250.00	\$0.00	
#####	\$1,085.50	\$935.78	\$0.00	\$935.78	\$0.00	\$0.00	Mon 12/1/03	#####	#####	#####	#####	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/13/04	#####	#####	#####	#####	#####	\$0.00	\$0.00	
Fri 4/30/04	\$2,548.00	\$2,548.00	\$1,300.00	\$1,248.00	\$0.00	\$1,300.00	Wed 7/23/03	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$1,300.00	\$0.00	
Tue 8/5/03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 7/23/03	#####	#####	Tue 8/5/03	#####	Tue 8/5/03	\$0.00	\$0.00	
Fri 4/2/04	\$1,300.00	\$1,300.00	\$1,300.00	\$0.00	\$0.00	\$1,300.00	Wed 8/6/03	#####	#####	Fri 4/2/04	#####	Fri 4/2/04	\$1,300.00	\$0.00	
Fri 4/30/04	\$1,435.20	\$1,248.00	\$0.00	\$1,248.00	\$0.00	\$0.00	Mon 12/1/03	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$0.00	\$0.00	
Fri 4/30/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 1/6/04	#####	#####	Fri 4/30/04	#####	Fri 4/30/04	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	Fri 4/1/05	Fri 4/1/05	NA	NA	\$0.00	\$0.00	
NA	\$38,400.00	\$38,400.00	\$38,400.00	\$0.00	\$38,400.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$38,400.00	
NA	\$38,400.00	\$38,400.00	\$38,400.00	\$0.00	\$38,400.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$38,400.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	Fri 4/1/05	Fri 4/1/05	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 1/5/06	#####	Fri 4/1/05	Fri 4/1/05	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 11/1/01	#####	#####	Wed 3/9/05	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 11/1/01	#####	#####	#####	#####	NA	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 11/1/01	#####	#####	#####	#####	#####	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 1/31/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
Fri 1/30/04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 2/3/03	#####	#####	Fri 1/30/04	#####	Fri 1/30/04	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 2/2/04	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 1/22/03	#####	#####	Wed 3/9/05	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Wed 1/22/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	#####	#####	#####	#####	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Thu 3/18/04	#####	#####	Wed 3/9/05	NA	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	NA	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	#####	\$0.00	\$0.00	
#####	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Fri 2/1/02	#####	Fri 2/1/02	#####	Fri 2/1/02	#####	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 2/17/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 2/17/03	#####	#####	#####	#####	NA	\$0.00	\$0.00	
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$0.00	

Run IIb Trigger
Trigger_Aug04.mpp Thu 9/30/04

Actual Finis	Baseline Cost	Cost	M&S Cost \$	FNAL Labor C	M&S Labor \$	M&S Non-Labor	Baseline Star	Baseline F	Start	Finish	Actual Sta	Actual Finis	M&S Non-Labor	M&S Labor \$
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Tue 9/2/03	#####	#####	#####	NA	NA	\$0.00	\$0.00
NA	\$5,500.00	\$5,500.00	\$5,500.00	\$0.00	\$0.00	\$5,500.00	Mon 2/3/03	#####	#####	Mon 3/7/05	#####	NA	\$5,500.00	\$0.00
NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Mon 2/3/03	#####	#####	Mon 3/7/05	#####	NA	\$0.00	\$0.00
NA	\$3,500.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$3,500.00	Mon 2/3/03	#####	#####	Mon 3/7/05	#####	NA	\$3,500.00	\$0.00
NA	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$2,000.00	Mon 2/3/03	#####	#####	Mon 3/7/05	#####	NA	\$2,000.00	\$0.00

Run IIb Trigger
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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$3,411,326.67	\$179,112.02			
\$1,757,563.25	\$8,826.56			
\$1,107,037.79	\$0.00			
\$433,791.15	\$0.00		SAC	
\$189,655.60	\$0.00	JK-FOREIGN	SAC	ElecEngU,InKind[189,655.6]
\$15,110.40	\$0.00	JK-FOREIGN	SAC	ElecTechU,InKind[15,110.4]
\$60,055.20	\$0.00	JK-FOREIGN	SAC	ElecTechU[50%],InKind[60,055.2]
\$20,632.24	\$0.00	JK-FOREIGN	SAC	PhysicistU[30%],ElecEngU[20%],ElecTechU[20%],InKind[20,632.24]
\$0.00	\$0.00			
\$16,494.40	\$0.00	JK-FOREIGN	SAC	ElecEngU,InKind[16,494.4]
\$9,150.20	\$0.00	JK-FOREIGN	SAC	ElecTechU[50%],InKind[9,150.2]
\$1,888.80	\$0.00	JK-FOREIGN	SAC	ElecTechU[50%],InKind[1,888.8]
\$41,236.00	\$0.00	JK-FOREIGN	SAC	ElecEngU[30%],InKind[41,236]
\$11,199.20	\$0.00	JK-FOREIGN	SAC	ElecTechU[50%],InKind[11,199.2]
\$3,777.60	\$0.00	JK-FOREIGN	SAC	ElecTechU[50%],InKind[3,777.6]
\$13,193.43	\$0.00	JK-FOREIGN	SAC	PhysicistU,ElecEngU[20%],InKind[13,193.43]
\$0.00	\$0.00	JK-FOREIGN	SAC	ElecEngU
\$18,409.28	\$0.00	JK-FOREIGN	SAC	ElecTechU,ElecEngU[10%],PhysicistU[30%],InKind[18,409.28]
\$32,988.80	\$0.00	JK-FOREIGN	SAC	PhysicistU[30%],ElecEngU[10%],InKind[32,988.8]
\$0.00	\$0.00	JK-FOREIGN	SAC	PhysicistU[50%]
\$673,246.64	\$0.00			
\$18,555.75	\$0.00	INK-OTHER	MSU	ElecEngU[50%],PhysicistU[50%],InKind[18,555.75]
\$0.00	\$0.00	INK-OTHER	MSU	ElecEngU2
\$48,601.49	\$0.00	EQU	MSU	PhysicistU[50%],ElecEngU[95%],CompProfU[15%],MandSPass[48,601.49]
\$106,248.80	\$0.00	EQU	MSU	PhysicistU,ElecEngU,CompProfU[25%],MandSPass[106,248.8]
\$119,320.20	\$0.00			
\$85,575.00	\$0.00	EQU	MSU	ElecEngU[150%],MandSPass[85,575]
\$3,500.00	\$0.00	EQU	MSU	MandS[3,500]
\$3,651.20	\$0.00	EQU	MSU	PhysicistU[50%],ElecEngU[80%],MandSPass[3,651.2]
\$0.00	\$0.00			
\$0.00	\$0.00			
\$17,199.60	\$0.00	EQU	MSU	PhysicistU,ElecEngU[130%],MechTechU[50%],MandSPass[17,199.6]
\$9,394.40	\$0.00	EQU	MSU	PhysicistU,ElecEngU[130%],MandSPass[9,394.4]
\$0.00	\$0.00			
\$0.00	\$0.00		MSU	
\$0.00	\$0.00			
\$380,520.40	\$0.00		MSU	

Run IIb Trigger
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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$121,825.60	\$0.00	EQU	MSU	MandSPass[121,825.6],ElecEngU[20%]
\$0.00	\$0.00	EQU	MSU	
\$46,836.00	\$0.00	EQU	MSU	MandSPass[46,836]
\$40,244.40	\$0.00	EQU	MSU	PhysicistU[30%],MandSPass[40,244.4],ElecEngU[120%],MechTechU[35%]
\$16,473.00	\$0.00	EQU	MSU	PhysicistU[20%],ElecEngU[20%],MandSPass[16,473]
\$55,988.40	\$0.00	EQU	MSU	ElecEngU[70%],MechTechU[50%],MandSPass[55,988.4]
\$29,925.00	\$0.00	EQU	MSU	ElecEngU[85%],MechTechU[15%],MandSPass[29,925]
\$69,228.00	\$0.00	EQU	MSU	MechTechU[50%],ElecEngU[200%],MandSPass[69,228]
\$0.00	\$0.00			
\$118,420.44	\$0.00			
\$65,966.24	\$0.00		SAC	
\$24,741.60	\$0.00	IK-FOREIGN	SAC	ElecEngU,InKind[24,741.6]
\$7,555.20	\$0.00	IK-FOREIGN	SAC	ElecTechU[50%],InKind[7,555.2]
\$7,555.20	\$0.00	IK-FOREIGN	SAC	ElecTechU[50%],InKind[7,555.2]
\$9,619.84	\$0.00	IK-FOREIGN	SAC	PhysicistU[30%],ElecEngU[20%],ElecTechU[20%],InKind[9,619.84]
\$0.00	\$0.00			
\$16,494.40	\$0.00	IK-FOREIGN	SAC	ElecEngU,InKind[16,494.4]
\$52,454.20	\$0.00		MSU	
\$0.00	\$0.00	EQU	MSU	
\$0.00	\$0.00	EQU	MSU	
\$456.40	\$0.00	EQU	MSU	MandSPass[456.4],ElecEngU[10%]
\$51,997.80	\$0.00	EQU	MSU	ElecEngU[10%],MandSPass[51,997.8]
\$272,997.22	\$0.00			
\$157,814.90	\$0.00		CU	
\$0.00	\$0.00			
\$94,972.20	\$0.00	INK-OTHER	CU	ElecEngU[75%],InKind[94,972.2]
\$14,897.60	\$0.00	INK-OTHER	CU	ElecEngU[15%],InKind[14,897.6]
\$17,931.20	\$0.00	INK-OTHER	CU	ElecTechU[5%],InKind[17,931.2]
\$11,706.56	\$0.00	INK-OTHER	CU	ElecTechU[10%],InKind[11,706.56]
\$0.00	\$0.00	INK-OTHER	CU	PostdocU[10%],StudentU[10%]
\$15,327.72	\$0.00	INK-OTHER	CU	PhysicistU[20%],ElecEngU[20%],ElecTechU[5%],StudentU[50%],InKind[15,327.72]
\$0.00	\$0.00			
\$2,979.62	\$0.00	INK-OTHER	CU	ElecEngU[20%],InKind[2,979.62]
\$103,683.92	\$0.00		CU	
\$60,373.20	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[60,373.2]
\$11,173.20	\$0.00	EQU	CU	ElecEngU[50%],MandSPass[11,173.2]
\$11,706.56	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[11,706.56]

Run IIb Trigger
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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$3,724.40	\$0.00	EQU	CU	ElecEngU[50%],MandSPass[3,724.4]
\$0.00	\$0.00			
\$16,706.56	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[16,706.56]
\$11,498.40	\$0.00		CU	
\$7,983.84	\$0.00	INK-OTHER	CU	PhysicistU[30%],StudentU[75%],ElecEngU[30%],ElecTechU[10%],InKind[7,983.84]
\$3,514.56	\$0.00	INK-OTHER	CU	StudentU[20%],ElecEngU[5%],ElecTechU[5%],InKind[3,514.56]
\$136,288.77	\$0.00			
\$105,251.04	\$0.00		CU	
\$49,609.01	\$0.00	INK-OTHER	CU	ElecEngU[36%],InKind[49,609.01]
\$7,443.29	\$0.00	INK-OTHER	CU	ElecEngU[50%],InKind[7,443.29]
\$10,486.66	\$0.00	INK-OTHER	CU	ElecTechU[4%],InKind[10,486.66]
\$5,353.28	\$0.00	INK-OTHER	CU	ElecTechU[5%],InKind[5,353.28]
\$3,832.85	\$0.00	INK-OTHER	CU	PhysicistU[10%],ElecEngU[10%],ElecTechU[5%],StudentU[25%],InKind[3,832.85]
\$0.00	\$0.00			
\$19,553.10	\$0.00	INK-OTHER	CU	InKind[19,553.1],ElecEngU[75%]
\$5,140.00	\$0.00	INK-OTHER	CU	InKind[5,140],ElecTechU[10%]
\$3,832.85	\$0.00	INK-OTHER	CU	InKind[3,832.85],ElecEngU[10%],ElecTechU[5%],StudentU[25%],PhysicistU[10%]
\$31,037.73	\$0.00		CU	
\$2,979.52	\$0.00	EQU	CU	ElecEngU[20%],MandSPass[2,979.52]
\$7,133.20	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[7,133.2]
\$2,681.57	\$0.00	EQU	CU	ElecEngU[12%],MandSPass[2,681.57]
\$3,853.33	\$0.00	EQU	CU	ElecTechU[5%],MandSPass[3,853.33]
\$4,790.35	\$0.00	EQU	CU	PhysicistU[30%],StudentU[75%],ElecEngU[18%],ElecTechU[6%],MandSPass[4,790.35]
\$2,979.52	\$0.00	EQU	CU	MandSPass[2,979.52],ElecEngU[20%]
\$3,426.67	\$0.00	EQU	CU	MandSPass[3,426.67],ElecTechU[5%]
\$3,193.57	\$0.00	EQU	CU	MandSPass[3,193.57],ElecEngU[18%],ElecTechU[6%],StudentU[25%],PhysicistU[10%]
\$32,387.78	\$0.00			
\$10,983.92	\$0.00	INK-OTHER	CU	ElecTechU[10%],InKind[10,983.92],ElecEngU[30%]
\$1,489.76	\$0.00	INK-OTHER	CU	ElecEngU[20%],StudentU[50%],InKind[1,489.76]
\$19,914.10	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[19,914.1]
\$35,429.12	\$0.00			
\$16,469.68	\$0.00		CU	
\$11,513.12	\$0.00	INK-OTHER	CU	ElecTechU[10%],InKind[11,513.12]
\$4,956.56	\$0.00	INK-OTHER	CU	ElecTechU[10%],InKind[4,956.56]
\$18,959.44	\$0.00		CU	
\$1,489.76	\$0.00	EQU	CU	ElecEngU[20%],MandSPass[1,489.76]
\$12,513.12	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[12,513.12]

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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$4,956.56	\$0.00	EQU	CU	ElecTechU[10%],MandSPass[4,956.56]
\$0.00	\$0.00			
\$0.00	\$0.00			
\$35,329.42	\$4,642.56			
\$16,494.40	\$0.00	INK-OTHER	MSU	ElecEngU[30%],PhysicistU[50%],InKind[16,494.4]
\$2,979.52	\$0.00	INK-OTHER	CU	PhysicistU[10%],ElecEngU[20%],StudentU[50%],InKind[2,979.52]
\$3,298.88	\$0.00	IK-FOREIGN	SAC	PhysicistU[10%],ElecEngU[20%],StudentU[50%],InKind[3,298.88]
\$6,597.58	\$0.00	INK-OTHER	MSU	PhysicistU[30%],ElecEngU[12%],InKind[6,597.58]
\$5,959.04	\$0.00	INK-OTHER	CU	PhysicistU[10%],ElecEngU[12%],StudentU[50%],InKind[5,959.04]
\$0.00	\$0.00	IK-FOREIGN	SAC	PhysicistU[10%],ElecEngU[12%],StudentU[50%]
\$0.00	\$4,642.56	EQU	FNAL	ElecTechF[12%]
\$19,672.71	\$4,184.00			
\$12,693.19	\$0.00	EQU	MSU	PhysicistU,ElecEngU[130%],MandSPass[12,693.19]
\$2,979.52	\$0.00	EQU	CU	ElecEngU[20%],PhysicistU[30%],MandSPass[2,979.52]
\$0.00	\$0.00	IK-FOREIGN	SAC	ElecEngU[20%],PhysicistU[30%]
\$0.00	\$3,744.00	EQU	FNAL	ElecTechF[60%]
\$4,000.00	\$0.00	EQU	CU	ElecEngU,PhysicistU,MandSPass[4,000]
\$0.00	\$440.00	EQU	FNAL	ElecEngF[20%]
\$0.00	\$0.00		NEU	
\$0.00	\$0.00	INK-OTHER	NEU	PostdocU[25%],PhysicistU[10%]
\$0.00	\$0.00	INK-OTHER	NEU	PostdocU[25%],PhysicistU[10%]
\$0.00	\$0.00			
\$229,002.07	\$19,752.79			
\$2,000.00	\$440.00			
\$0.00	\$0.00			
\$2,000.00	\$0.00	EQU	AZ	ElecEngU[50%],PhysicistU[50%],MandSPass[2,000]
\$0.00	\$440.00	EQU	FNAL	ElecEngF[20%]
\$0.00	\$0.00			
\$0.00	\$0.00			
\$43,742.60	\$0.00		AZ	
\$29,153.22	\$0.00	EQU	AZ	ElecEngU[5%],MandSPass[29,153.22]
\$11,419.14	\$0.00	EQU	AZ	ElecEngU[3%],MandSPass[11,419.14]
\$3,170.24	\$0.00	EQU	AZ	ElecTechU[60%],ElecEngU[20%],PhysicistU[20%],MandSPass[3,170.24]
\$54,708.00	\$0.00		AZ	
\$2,296.32	\$0.00	EQU	AZ	ElecEngU[257%],MandSPass[2,296.32]
\$23,325.38	\$0.00	EQU	AZ	ElecEngU[10%],MandSPass[23,325.38]
\$4,005.04	\$0.00	EQU	AZ	ElecEngU[5%],MandSPass[4,005.04]

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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$0.00	\$0.00			
\$5,322.24	\$0.00	EQU	AZ	ElecTechU[80%],ElecEngU[30%],PhysicistU[20%],MandS[5,322.24]
\$1,148.16	\$0.00	EQU	AZ	ElecEngU[40%],MandSPass[1,148.16]
\$8,500.72	\$0.00	EQU	AZ	ElecEngU[5%],MandSPass[8,500.72]
\$0.00	\$0.00			
\$10,110.14	\$0.00	EQU	AZ	ElecEngU[20%],ElecTechU[80%],PhysicistF[20%],MandSPass[10,110.14]
\$17,729.76	\$0.00		AZ	
\$1,148.16	\$0.00	EQU	AZ	ElecEngU[22%],MandSPass[1,148.16]
\$8,626.08	\$0.00	EQU	AZ	ElecEngU[10%],MandSPass[8,626.08]
\$4,511.04	\$0.00	EQU	AZ	ElecEngU[5%],MandSPass[4,511.04]
\$0.00	\$0.00			
\$3,444.48	\$0.00	EQU	AZ	ElecEngU[30%],MandSPass[3,444.48]
\$35,301.45	\$0.00			
\$0.00	\$0.00	INK-OTHER	AZ	PhysicistU[25%]
\$14,557.28	\$0.00		AZ	
\$6,304.32	\$0.00	R&D	AZ	ElecEngU[30%],PhysicistU[20%],ElecTechU[50%],MandS[6,304.32]
\$1,635.68	\$0.00	R&D	AZ	ElecEngU[5%],MandS[1,635.68]
\$4,631.36	\$0.00	R&D	AZ	ElecEngU[5%],MandS[4,631.36]
\$0.00	\$0.00			
\$1,985.92	\$0.00	R&D	AZ	ElecEngU,PhysicistU,ElecTechU,MandS[1,985.92]
\$20,744.17	\$0.00		AZ	
\$8,623.09	\$0.00	EQU	AZ	ElecEngU[4%],MandSPass[8,623.09]
\$6,546.04	\$0.00	EQU	AZ	ElecEngU[5%],MandSPass[6,546.04]
\$0.00	\$0.00			
\$5,575.04	\$0.00	EQU	AZ	ElecTechU[60%],ElecEngU[10%],PhysicistU[20%],MandSPass[5,575.04]
\$75,520.26	\$19,312.79			
\$75,520.26	(\$0.01)		AZ	
\$16,639.36	\$0.00	EQU	AZ	ElecEngU[3%],MandSPass[16,639.36]
\$1,302.60	\$0.00	EQU	AZ	PhysicistU[25%],ElecTechU[20%],MandSPass[1,302.6]
\$8,973.15	\$0.00	EQU	AZ	ElecTechU[3%],MandSPass[8,973.15]
\$8,492.38	\$0.00	EQU	AZ	ElecEngU[1%],MandSPass[8,492.38]
\$13,689.58	\$0.00	EQU	AZ	ElecEngU[1%],MandSPass[13,689.58]
\$4,304.38	\$0.00	EQU	AZ	PhysicistU[10%],MandSPass[4,304.38],ElecEngU[1%]
\$809.60	\$0.00	EQU	AZ	ElecTechU[5%],MandSPass[809.6]
\$7,507.80	\$0.00	EQU	AZ	ElecEngU[5%],MandSPass[7,507.8]
\$12,808.44	\$0.00	EQU	AZ	ElecEngU[5%],ElecTechU[20%],MandSPass[12,808.44]
\$992.96	\$0.00	EQU	AZ	ElecTechU[20%],ElecEngU[5%],PhysicistU[5%],MandSPass[992.96]

Run IIb Trigger
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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$0.00	\$19,312.80		FNAL	
\$0.00	\$9,328.80	EQU	FNAL	ElecTechF[23%]
\$0.00	\$9,984.00	EQU	FNAL	ElecTechF[16%]
\$0.00	\$0.00			
\$1,118,268.00	\$148,348.90			
\$0.00	\$0.00			
\$85,272.00	\$0.00			
\$72,352.00	\$0.00	INK-MRI2	BU	ElecEngU,InKind[72,352]
\$12,920.00	\$0.00	INK-MRI2	BU	ElecEngU,InKind[12,920]
\$0.00	\$0.00			
\$1,550.40	\$0.00			
\$1,550.40	\$0.00	INK-MRI2	BU	ElecEngU[10%],InKind[1,550.4]
\$0.00	\$0.00	INK-OTHER	BU	PhysicistU
\$106,347.60	\$0.00			
\$50,258.60	\$0.00			
\$22,739.00	\$0.00	INK-MRI2	BU	ElecEngU,ElecTechU[10%],InKind[22,739]
\$2,067.20	\$0.00	INK-MRI2	BU	ElecTechU[20%],InKind[2,067.2]
\$1,033.60	\$0.00	INK-MRI2	BU	ElecTechU[20%],InKind[1,033.6]
\$1,162.80	\$0.00	INK-MRI2	BU	ElecTechU[15%],InKind[1,162.8]
\$23,256.00	\$0.00	INK-MRI2	BU	ElecEngU[75%],InKind[23,256],PhysicistU[50%]
\$56,089.00	\$0.00			
\$48,000.00	\$0.00	EQU	BU	MandSPass[48,000],PhysicistU[2%]
\$1,500.00	\$0.00	EQU	BU	MandSPass[1,500]
\$5,801.00	\$0.00	EQU	BU	MandSPass[5,801]
\$788.00	\$0.00	EQU	BU	MandSPass[788]
\$32,280.00	\$17,880.00			
\$0.00	\$0.00			
\$0.00	\$0.00	INK-MRI1	BU	
\$0.00	\$0.00	INK-MRI1	BU	
\$0.00	\$0.00	INK-MRI1	BU	
\$0.00	\$0.00	INK-MRI1	BU	
\$0.00	\$0.00	INK-MRI1	BU	
\$0.00	\$0.00	INK-MRI1	BU	
\$0.00	\$0.00			
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	

Run IIb Trigger
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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	INK-OTHER	KU	
\$0.00	\$0.00	INK-OTHER	ND	
\$0.00	\$0.00			
\$32,280.00	\$0.00			
\$5,400.00	\$0.00			
\$1,800.00	\$0.00	INK-MRI2	BU	ElecEngU,InKind[1,800]
\$3,600.00	\$0.00	INK-MRI2	BU	ElecEngU,InKind[3,600]
\$2,200.00	\$0.00	INK-MRI2	BU	ElecTechU[10%],InKind[2,200]
\$11,280.00	\$0.00	INK-MRI2	BU	ElecTechU[1%],InKind[11,280]
\$1,400.00	\$0.00	INK-MRI2	BU	ElecTechU[10%],InKind[1,400]
\$8,400.00	\$0.00	INK-MRI2	BU	ElecEngU[50%],InKind[8,400],PhysicistU,ElecTechU[50%]
\$3,600.00	\$0.00	INK-MRI2	BU	ElecEngU[18%],InKind[3,600]
\$0.00	\$17,880.00	EQU	FNAL	ElecTechF[50%],ElecEngF
\$0.00	\$0.00	INK-OTHER	KU	PhysicistU
\$0.00	\$0.00	INK-OTHER	ND	PhysicistU
\$687,158.00	\$19,820.00			
\$0.00	\$0.00			
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00	INK-MRI2	BU	
\$0.00	\$0.00			
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	BU	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	INK-OTHER	KU	
\$0.00	\$0.00	EQU	ND	
\$0.00	\$0.00	EQU	FNAL	

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\$0.00	\$0.00			
\$197,340.00	\$0.00			
\$0.00	\$0.00			
\$170,000.00	\$0.00	EQU	BU	MandSPass[170,000]
\$900.00	\$0.00	EQU	BU	PhysicistU,MandSPass[900],ElecEngU[50%]
\$0.00	\$0.00			
\$1,800.00	\$0.00	EQU	BU	ElecEngU[50%],ElecTechU[50%],MandSPass[1,800]
\$1,200.00	\$0.00	EQU	BU	ElecTechU[10%],MandSPass[1,200]
\$200.00	\$0.00	EQU	BU	ElecTechU[5%],MandSPass[200]
\$200.00	\$0.00	EQU	BU	ElecTechU[3%],MandSPass[200]
\$8,640.00	\$0.00			
\$3,600.00	\$0.00	EQU	BU	ElecEngU[25%],PhysicistU[50%],MandSPass[3,600]
\$5,040.00	\$0.00	EQU	BU	PhysicistU,MandSPass[5,040]
\$14,400.00	\$0.00	INK-OTHER		ElecEngU[33%],InKind[14,400]
\$453,068.00	\$0.00			
\$439,296.00	\$0.00	INK-MRI2	BU	InKind[439,296]
\$5,522.00	\$0.00	INK-MRI2	BU	InKind[5,522]
\$3,800.00	\$0.00	INK-MRI2	BU	InKind[3,800]
\$4,450.00	\$0.00	INK-MRI2	BU	InKind[4,450]
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[50%]
\$0.00	\$0.00	INK-OTHER	KU	PhysicistU
\$36,750.00	\$0.00	EQU	ND	PhysicistU,MandS[36,750],ElecTechU
\$0.00	\$18,720.00	EQU	FNAL	PhysicistF[50%],ElecTechF
\$16,000.00	\$8,580.00			
\$0.00	\$1,848.00	EQU	FNAL	ElecEngF[20%]
\$0.00	\$1,232.00	EQU	FNAL	ElecEngF[20%]
\$0.00	\$0.00			
\$0.00	\$0.00			
\$0.00	\$2,200.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00			
\$0.00	\$0.00			
\$16,000.00	\$0.00	EQU	FNAL	MandS[16,000]
\$0.00	\$0.00			
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%]

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\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%],PhysicistU
\$0.00	\$0.00			
\$15,000.00	\$55,266.10			
\$0.00	\$8,800.00	EQU	FNAL	ElecEngF
\$0.00	\$4,400.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$0.00			
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$2,200.00	EQU	FNAL	ElecEngF[25%]
\$7,500.00	\$0.00	EQU	FNAL	MandS[7,500]
\$0.00	\$1,560.00	EQU	FNAL	ElecTechF[25%]
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$8,966.10	EQU	FNAL	ElecEngF[19%]
\$0.00	\$17,600.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%],PhysicistU
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%]
\$7,500.00	\$0.00	EQU	FNAL	MandS[7,500]
\$0.00	\$6,240.00	EQU	FNAL	ElecTechF
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%],PhysicistU
\$0.00	\$0.00			
\$0.00	\$34,372.80			
\$0.00	\$8,800.00	EQU	FNAL	ElecEngF
\$0.00	\$5,500.00	EQU	FNAL	ElecEngF
\$0.00	\$0.00			
\$0.00	\$580.80	EQU	FNAL	ElecEngF[3%]
\$0.00	\$880.00	EQU	FNAL	ElecEngF[10%]
\$0.00	\$6,768.00	EQU	FNAL	CompProfF[50%]
\$0.00	\$11,844.00	EQU	FNAL	CompProfF[35%]
\$0.00	\$0.00	EQU	FNAL	PhysicistU
\$6,000.00	\$12,430.00			
\$0.00	\$4,400.00	EQU	FNAL	ElecEngF
\$0.00	\$2,420.00	EQU	FNAL	ElecEngF[50%]
\$3,000.00	\$0.00	EQU	FNAL	MandS[3,000]
\$0.00	\$110.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$4,400.00	EQU	FNAL	ElecEngF
\$3,000.00	\$0.00	EQU	FNAL	MandS[3,000]

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\$0.00	\$1,100.00	EQU	FNAL	ElecEngF[25%]
\$0.00	\$0.00			
\$148,960.00	\$0.00			
\$3,600.00	\$0.00	EQU	BU	ElecEngU,MandSPass[3,600]
\$7,200.00	\$0.00	EQU	BU	ElecEngU,MandSPass[7,200]
\$2,560.00	\$0.00	EQU	BU	ElecTechU[20%],InKind[2,560]
\$4,000.00	\$0.00	INK-MRI2	BU	ElecTechU[20%],InKind[4,000]
\$1,700.00	\$0.00	INK-MRI2	BU	ElecTechU[15%],InKind[1,700]
\$5,300.00	\$0.00	INK-MRI2	BU	ElecEngU[50%],PhysicistU[50%],InKind[5,300]
\$5,400.00	\$0.00	EQU	BU	ElecEngU[50%],PhysicistU,MandSPass[5,400]
\$3,600.00	\$0.00	EQU	BU	ElecEngU,ElecTechU[10%],MandSPass[3,600]
\$2,050.00	\$0.00	INK-MRI2	BU	ElecTechU[15%],InKind[2,050]
\$4,000.00	\$0.00	INK-MRI2	BU	ElecTechU[10%],InKind[4,000]
\$1,700.00	\$0.00	INK-MRI2	BU	ElecTechU[10%],InKind[1,700]
\$1,800.00	\$0.00	EQU	BU	ElecEngU[25%],PhysicistU[50%],MandSPass[1,800]
\$1,800.00	\$0.00	EQU	BU	ElecEngU[25%],PhysicistU,MandSPass[1,800]
\$1,800.00	\$0.00	EQU	BU	ElecEngU[50%],PhysicistU,MandSPass[1,800]
\$0.00	\$0.00			
\$25,500.00	\$0.00	INK-MRI2	BU	ElecTechU[10%],InKind[25,500]
\$5,850.00	\$0.00	INK-MRI2	BU	ElecTechU[5%],InKind[5,850]
\$3,800.00	\$0.00	INK-MRI2	BU	ElecTechU[3%],InKind[3,800]
\$2,700.00	\$0.00	EQU	BU	ElecEngU[50%],PhysicistU[50%],MandSPass[2,700]
\$3,600.00	\$0.00	EQU	BU	ElecEngU[20%],PhysicistU,MandSPass[3,600]
\$7,200.00	\$0.00	EQU	BU	ElecEngU[18%],MandSPass[7,200]
\$28,800.00	\$0.00			
\$7,200.00	\$0.00	EQU	BU	ElecEngU,MandSPass[7,200]
\$3,600.00	\$0.00	EQU	BU	ElecEngU,MandSPass[3,600]
\$3,600.00	\$0.00	EQU	BU	ElecEngU,MandSPass[3,600]
\$7,200.00	\$0.00	EQU	BU	ElecEngU,MandSPass[7,200]
\$7,200.00	\$0.00	EQU	BU	MandSPass[7,200],ElecEngU[11%]
\$7,000.00	\$0.00	EQU	BU	ElecTechU[4%],MandSPass[7,000]
\$18,000.00	\$0.00	EQU	BU	ElecEngU[25%],MandS[18,000]
\$19,700.00	\$0.00			
\$5,400.00	\$0.00	INK-MRI2	BU	ElecEngU,InKind[5,400]
\$5,400.00	\$0.00	INK-MRI2	BU	InKind[5,400]
\$2,000.00	\$0.00	INK-MRI2	BU	InKind[2,000]
\$500.00	\$0.00	INK-MRI2	BU	InKind[500]

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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$1,000.00	\$0.00	INK-MRI2	BU	InKind[1,000]
\$5,400.00	\$0.00	INK-MRI2	BU	InKind[5,400]
\$0.00	\$0.00			
\$93,416.34	\$0.00			
\$0.00	\$0.00			
\$0.00	\$0.00		UVA	
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[25%]
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[200%]
\$0.00	\$0.00		U	
\$0.00	\$0.00	INK-OTHER	U	PhysicistU[200%]
\$0.00	\$0.00	INK-OTHER	U	PhysicistU[400%]
\$0.00	\$0.00			
\$0.00	\$0.00	IK-FOREIGN	ORS	PhysicistU
\$32,733.06	\$0.00			
\$0.00	\$0.00			
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[25%]
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[25%]
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[25%]
\$8,160.00	\$0.00	EQU	UVA	PhysicistU[5%],MandS[8,160]
\$24,573.06	\$0.00		ORS	
\$8,247.20	\$0.00	IK-FOREIGN	ORS	ElecEngU[50%],InKind[8,247.2]
\$4,123.60	\$0.00	IK-FOREIGN	ORS	ElecEngU[25%],InKind[4,123.6]
\$1,024.72	\$0.00	IK-FOREIGN	ORS	ElecEngU[5%],InKind[1,024.72]
\$8,247.20	\$0.00	IK-FOREIGN	ORS	ElecEngU,InKind[8,247.2]
\$2,061.80	\$0.00	IK-FOREIGN	ORS	ElecEngU[25%],InKind[2,061.8]
\$868.54	\$0.00	IK-FOREIGN	ORS	ElecEngU[5%],InKind[868.54]
\$0.00	\$0.00	IK-FOREIGN	ORS	PhysicistU[25%]
\$0.00	\$0.00			
\$19,793.28	\$0.00			
\$0.00	\$0.00		UVA	
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[30%]
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[60%]
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[25%]
\$19,793.28	\$0.00			
\$19,793.28	\$0.00	IK-FOREIGN	ORS	ElecEngU[60%],InKind[19,793.28]
\$0.00	\$0.00			

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\$40,890.00	\$0.00			
\$1,050.00	\$0.00	JK-FOREIGN	ORS	InKind[1,050],ElecTechU[10%]
\$0.00	\$0.00	EQU	UVA	PhysicistU[30%]
\$39,840.00	\$0.00	EQU	UVA	PhysicistU[5%],MandS[39,840]
\$0.00	\$0.00	JK-FOREIGN	ORS	PhysicistU[25%]
\$0.00	\$0.00	INK-OTHER	UVA	PhysicistU[25%]
\$0.00	\$0.00			
\$207,577.00	\$2,183.78			
\$0.00	\$0.00			
\$1,292.00	\$0.00	EQU	BU	ElecEngU[50%],PhysicistU,PhysicistF[20%],MandSPass[1,292]
\$0.00	\$0.00			
\$0.00	\$0.00			
\$38,871.00	\$0.00		BU	
\$480.00	\$0.00	EQU	BU	ElecTechU,MandSPass[480]
\$13,591.00	\$0.00	EQU	BU	MandSPass[13,591]
\$7,800.00	\$0.00	EQU	BU	MandSPass[7,800]
\$14,600.00	\$0.00	EQU	BU	MandSPass[14,600]
\$0.00	\$0.00			
\$2,400.00	\$0.00	EQU	BU	ElecEngU[10%],ElecTechU[20%],MandSPass[2,400]
\$0.00	\$0.00			
\$22,658.00	\$0.00		BU	
\$480.00	\$0.00	EQU	BU	ElecTechU,MandSPass[480]
\$15,786.00	\$0.00	EQU	BU	MandSPass[15,786]
\$4,182.00	\$0.00	EQU	BU	MandSPass[4,182]
\$1,090.00	\$0.00	EQU	BU	MandSPass[1,090]
\$0.00	\$0.00			
\$1,120.00	\$0.00	EQU	BU	ElecEngU[4%],ElecTechU[8%],MandSPass[1,120]
\$0.00	\$0.00			
\$0.00	\$0.00		FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$0.00	\$0.00			
\$10,749.00	\$0.00		BU	
\$240.00	\$0.00	EQU	BU	ElecTechU,MandSPass[240]
\$6,561.00	\$0.00	EQU	BU	MandSPass[6,561]
\$2,190.00	\$0.00	EQU	BU	MandSPass[2,190]

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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$718.00	\$0.00	EQU	BU	MandSPass[718]
\$0.00	\$0.00			
\$1,040.00	\$0.00	EQU	BU	ElecTechU[33%],MandSPass[1,040]
\$0.00	\$0.00			
\$13,177.00	\$0.00		BU	
\$240.00	\$0.00	EQU	BU	ElecTechU,MandSPass[240]
\$9,297.00	\$0.00	EQU	BU	MandSPass[9,297]
\$2,010.00	\$0.00	EQU	BU	MandSPass[2,010]
\$710.00	\$0.00	EQU	BU	MandSPass[710]
\$0.00	\$0.00			
\$920.00	\$0.00	EQU	BU	ElecTechU[30%],MandSPass[920]
\$0.00	\$0.00			
\$21,390.00	\$0.00		CU	
\$480.00	\$0.00	EQU	CU	ElecTechU,MandSPass[480]
\$13,000.00	\$0.00	EQU	CU	MandSPass[13,000]
\$3,950.00	\$0.00	EQU	CU	MandSPass[3,950]
\$1,960.00	\$0.00	EQU	CU	MandSPass[1,960]
\$0.00	\$0.00			
\$2,000.00	\$0.00	EQU	CU	ElecEngU[6%],ElecTechU[20%],MandSPass[2,000]
\$0.00	\$0.00			
\$42,397.00	\$0.00		SUNYSB	
\$25,997.00	\$0.00	EQU	SUNYSB	MandS[25,997]
\$7,800.00	\$0.00	EQU	SUNYSB	MandS[7,800]
\$4,600.00	\$0.00	EQU	SUNYSB	MandS[4,600]
\$0.00	\$0.00			
\$4,000.00	\$0.00	EQU	SUNYSB	ElecEngU[25%],MandS[4,000]
\$0.00	\$0.00			
\$13,100.00	\$0.00		SUNYSB	
\$5,000.00	\$0.00	EQU	SUNYSB	ElecEngU,MandS[5,000]
\$7,500.00	\$0.00	EQU	SUNYSB	MandS[7,500]
\$600.00	\$0.00	EQU	SUNYSB	ElecTechU[4%],MandS[600]
\$0.00	\$0.00			
\$993.00	\$0.00		BU	
\$833.00	\$0.00	EQU	BU	MandSPass[833]
\$160.00	\$0.00	EQU	BU	ElecTechU[10%],MandSPass[160]
\$0.00	\$0.00			
\$3,250.00	\$935.78		FNAL	

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M&S Cost \$	FNAL Labor Co	Funding Sour	Institution	Resource Names
\$0.00	\$0.00	EQU	FNAL	
\$3,250.00	\$0.00	EQU	FNAL	MandS[3,250]
\$0.00	\$935.78	EQU	FNAL	ElecTechF[12%]
\$0.00	\$0.00			
\$1,300.00	\$1,248.00		FNAL	
\$0.00	\$0.00	EQU	FNAL	
\$1,300.00	\$0.00	EQU	FNAL	MandS[1,300]
\$0.00	\$1,248.00	EQU	FNAL	ElecTechF[20%]
\$0.00	\$0.00			
\$0.00	\$0.00			
\$38,400.00	\$0.00			
\$38,400.00	\$0.00	EQU	BU	ElecEngU,MandSPass[38,400]
\$0.00	\$0.00			
\$0.00	\$0.00	INK-OTHER	SUNYSB	PhysicistU
\$0.00	\$0.00			
\$0.00	\$0.00	INK-OTHER	FSU	PhysicistU
\$0.00	\$0.00			
\$0.00	\$0.00			
\$0.00	\$0.00			
\$0.00	\$0.00	INK-OTHER	CU	PhysicistU[50%],StudentU[50%]
\$0.00	\$0.00	INK-OTHER	U	PhysicistU[20%]
\$0.00	\$0.00	IK-FOREIGN	SAC	PhysicistU[20%]
\$0.00	\$0.00	INK-OTHER	NEU	PhysicistU[20%]
\$0.00	\$0.00		AZ	
\$0.00	\$0.00	INK-OTHER	AZ	PhysicistU[50%],StudentU[50%]
\$0.00	\$0.00	INK-OTHER	AZ	PhysicistU[20%]
\$0.00	\$0.00	INK-OTHER	AZ	PhysicistU[20%]
\$0.00	\$0.00			
\$0.00	\$0.00	INK-OTHER	KU	PhysicistU[50%]
\$0.00	\$0.00	INK-OTHER	FNAL	PhysicistF
\$0.00	\$0.00	INK-OTHER	ND	PhysicistU[50%]
\$0.00	\$0.00	INK-OTHER	BRN	PhysicistU[50%]
\$0.00	\$0.00	IK-FOREIGN	MAN	PhysicistU[50%]
\$0.00	\$0.00	INK-OTHER	U	PhysicistU[50%]
\$0.00	\$0.00	IK-FOREIGN	MAN	PhysicistU[50%]
\$0.00	\$0.00			

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\$0.00	\$0.00	INK-OTHER	FSU	PhysicistU
\$5,500.00	\$0.00			
\$0.00	\$0.00	EQU	FNAL	PhysicistU[280%]
\$3,500.00	\$0.00	EQU	FNAL	MandS[3,500]
\$2,000.00	\$0.00	EQU	FNAL	MandS[2,000]