

ID	% Com	WBS	Task Name	Changes	Duration
1	0%	1.5	Run IIb Installation		101.6 w
2	100%	1.5.1	2004 Shutdown		0 w
3	0%	1.5.2	Shutdown for Installation Begins		0 w
4	0%	1.5.3	Silicon Ready To Move To DAB		0 w
5	0%	1.5.4	Layer 0 Silicon Installation		84.6 w
6	0%	1.5.4.1	Prepare Silicon Infrastructure		66.4 w
7	0%	1.5.4.1.1	Prepare L0 Adapter Cards and Mounting		50 w
8	0%	1.5.4.1.2	Prepare New HV Power Supply Systems		8 w
9	0%	1.5.4.1.3	Refurbish dry gas system		8 w
10	0%	1.5.4.1.4	Interface L0 Temp Monitoring System to DMACS		2 w
11	0%	1.5.4.1.5	Fall 2004 Shutdown		17.8 w
12	0%	1.5.4.1.5.1	Label and Test TempMon Cables		1 w
13	0%	1.5.4.1.5.2	Install Temperature Monitor Cables		0.5 w
14	0%	1.5.4.1.5.3	Install L0 Temp Monitor Junction Brackets on Horseshoes		0.25 w
15	0%	1.5.4.1.5.4	Prepare New LV Power Supply System for L0	9/1	4 w
16	0%	1.5.4.1.5.5	Test Isolated PS Interlock System		0.4 w
17	0%	1.5.4.1.5.6	Refurbish H disks		12.6 w
18	0%	1.5.4.1.5.6.1	Prepare Fixtures and CMM		2 w
19	0%	1.5.4.1.5.6.2	Disconnect N Tev Beampipe		0.6 w
20	0%	1.5.4.1.5.6.3	Disconnect S Tev Beampipe		0.6 w
21	0%	1.5.4.1.5.6.4	Open CF, EC, Install Platforms and Walkways		0.6 w
22	0%	1.5.4.1.5.6.5	Remove North H disks		0.6 w
23	0%	1.5.4.1.5.6.6	Photograph North area and begin Si survey		1 w
24	0%	1.5.4.1.5.6.7	Refurbish North H disks		2 w
25	0%	1.5.4.1.5.6.8	Reinstall North H disks		1 w
26	0%	1.5.4.1.5.6.9	Remove South H disks		0.6 w
27	0%	1.5.4.1.5.6.10	Photograph South and complete Si Survey		2 w
28	0%	1.5.4.1.5.6.11	Refurbish South H disks		2 w
29	0%	1.5.4.1.5.6.12	Reinstall South H disks		0.4 w
30	0%	1.5.4.1.5.6.13	Complete testing and checkout of H-disks		1 w
31	0%	1.5.4.1.5.6.14	Reconnect North Tev Beampipe		1 w
32	0%	1.5.4.1.5.6.15	Reconnect South Tev Beampipe		1 w
33	0%	1.5.4.1.5.6.16	Pumpout and Leakcheck Beampipe		1 w
34	0%	1.5.4.1.5.6.17	Remove Platforms and Walkways, Close EF, CF		0.6 w
35	0%	1.5.4.1.5.6.18	Survey CF, EF		0.4 w
36	0%	1.5.4.1.5.6.19	H Disk Refurbishment Complete		0 w

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37	0%	1.5.4.1.5.7	End of Fall 2004 Shutdown		0 w
38	0%	1.5.4.1.6	Design, Fabricate, and Test Silicon Transport Fixture	9/1	4 w
39	0%	1.5.4.1.7	Design, Fabricate, and Test Silicon Installation Fixture		4 w
40	0%	1.5.4.1.8	Design and Fabricate Silicon Alignment Fixtures		4 w
41	0%	1.5.4.1.9	Design, fabricate and test Beampipe Handling Fixtures		2 w
42	0%	1.5.4.1.10	Modify RunIIa L3/Offline Silicon Software - U		16 w
43	0%	1.5.4.1.11	Modify RunIIa L3/Offline Silicon Software - FNAL		16 w
44	0%	1.5.4.1.12	Prepare Safety and PORC documentation		66.4 w
45	0%	1.5.4.1.12.1	Prepare Si LVPS Safety and PORC Documentation		4 w
46	0%	1.5.4.1.12.2	Prepare L0 Si Cooling Safety and PORC Documentation		4 w
47	0%	1.5.4.1.12.3	Prepare L0 Si Dry Gas Safety and PORC Documentation		4 w
48	0%	1.5.4.1.12.4	Prepare L0 Si Transport, Install, Align Safety and PORC Do		2 w
49	0%	1.5.4.1.12.5	Prepare Beampipe Handling Safety Documentation		2 w
50	0%	1.5.4.1.12.6	Prepare Tevatron Beampipe Leak Checking Procedure		2 w
51	0%	1.5.4.1.12.7	Safety and PORC Documentation Completed		0 w
52	0%	1.5.4.1.13	Silicon Infrastructure Prepared		0 w
53	0%	1.5.4.2	Open Detector and Install CC-EC Scaffolding		1.4 w
54	0%	1.5.4.2.1	Perform CH Rad Survey		0.2 w
55	0%	1.5.4.2.2	Disconnect N Tev Beampipe		0.4 w
56	0%	1.5.4.2.3	Disconnect S Tev Beampipe		0.4 w
57	0%	1.5.4.2.4	Open CF, End Calorimeters		0.2 w
58	0%	1.5.4.2.5	Make Be assay of beampipe		0.2 w
59	0%	1.5.4.2.6	Install accesways, CC-EC gap scaffolds		0.2 w
60	0%	1.5.4.2.7	Detector Open and Ready for Access		0 w
61	0%	1.5.4.3	Decable and Remove RunIIa H Disks, EC beampipes		2.6 w
62	0%	1.5.4.3.1	Warm Silicon to CH Dewpoint		0.2 w
63	0%	1.5.4.3.2	Remove EC Beampipe flanges and bellows		0.2 w
64	0%	1.5.4.3.3	Close ECN, remove ECN beampipe, reopen ECN		0.2 w
65	0%	1.5.4.3.4	Remove H-disks		0.4 w
66	0%	1.5.4.3.5	Install N L0 Junction Cards, Adapter Cards	9/1	0.2 w
67	0%	1.5.4.3.6	Install S L0 Junction Cards, Adapter Cards	9/1	0.2 w
68	0%	1.5.4.3.7	Install L0 Installation Cradle in ECN Gap		0.2 w
69	0%	1.5.4.3.8	RunIIa H-Disks and EC Beampipes Removed		0 w
70	0%	1.5.4.4	Install RunIIb L0 Silicon Detector		1.8 w
71	0%	1.5.4.4.1	Install L0 Mounts		0.8 w
72	0%	1.5.4.4.2	Transport silicon detector to DAB		0.2 w

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73	0%	1.5.4.4.3	Install Silicon Detector		0.6 w
74	0%	1.5.4.4.4	Remove RunIIa beryllium beam pipe		0.2 w
75	0%	1.5.4.4.5	Connect inner SS beam pipe spools to beryllium pipe		0.4 w
76	0%	1.5.4.4.6	L0 Silicon Detector Installed In RunIIa Silicon		0 w
77	0%	1.5.4.5	Cable L0 Silicon, Reconnect Cooling System		1.2 w
78	0%	1.5.4.5.1	Connect Silicon Digital Cables to the Junction Cards		0.4 w
79	0%	1.5.4.5.2	Reinstall inner H-disks	9/1	0.4 w
80	0%	1.5.4.5.3	Make up L0 Cooling and Dry Gas Connections		0.2 w
81	0%	1.5.4.5.4	Load EC beampipes into the EC		0.2 w
82	0%	1.5.4.5.5	Seal dry gas volume		0.2 w
83	0%	1.5.4.5.6	L0 Silicon Cable-up Complete		0 w
84	0%	1.5.4.6	Reconnect Tev Beam Tube		1.2 w
85	0%	1.5.4.6.1	Begin Silicon Cooldown		0.2 w
86	0%	1.5.4.6.2	Reconnect Beam Pipes, Leakcheck		1 w
87	0%	1.5.4.6.3	Tevatron Beam Pipe Connected		0 w
88	0%	1.5.4.7	Technical commissioning of detector		1 w
89	0%	1.5.4.7.1	Demonstrate Full Operability of all Channels from Control Room		1 w
90	0%	1.5.4.8	Silicon Ready for Resumption of Tevatron Operation		0 w
91	0%	1.5.4.9	Commission Online Readout Software, Close Detector		2.8 w
92	0%	1.5.4.9.1	Verify functionality of all SMT software		2 w
93	0%	1.5.4.9.2	Close calorimeter and muon system, Survey Detector		0.8 w
94	0%	1.5.4.10	Silicon System Ready for Physics Commissioning		0 w
95	0%	1.5.5	Run IIb Trigger Installation		90.4 w
96	0%	1.5.5.1	Prepare Infrastructure at DAB		69.8 w
97	0%	1.5.5.1.1	Infrastructure Engineering Design and Oversight		32 w
98	0%	1.5.5.1.2	Prepare new L1 Cal Racks		12 w
99	0%	1.5.5.1.3	Preliminary commission of Cal Trig Elements		19 w
100	0%	1.5.5.1.4	Develop L1 Cal Commissioning Software?		1 w
101	0%	1.5.5.1.5	Plan new cable plant: UIC		8 w
102	0%	1.5.5.1.6	Modify MCH Racks for L1 Cal/Track Match		1 w
103	0%	1.5.5.1.7	Install L1CTM VME crates and power supplies		1 w
104	0%	1.5.5.1.8	Install L1CTM splitter crate and power supply		4 w
105	0%	1.5.5.1.9	Install L1CTM rack services		4 w
106	0%	1.5.5.1.10	Install L1 CTT/CTM cables		4 w
107	0%	1.5.5.1.12	Develop Trigsim Software		16 w
108	0%	1.5.5.1.11	Trigger Infrastructure Prepared		0 w

ID	% Com	WBS	Task Name	Changes	Duration
109	0%	1.5.5.2	Level 1 Calorimeter Trigger		52 w
110	0%	1.5.5.2.1	L1 Cal Trigger Production And Testing Complete		0 w
111	0%	1.5.5.2.2	Installation And Technical Commissioning		52 w
112	0%	1.5.5.2.2.1	Engineering and Computer Professional Support - FNAL	9/1	52 w
113	0%	1.5.5.2.2.2	Engineering and Computer Professional Support - U	9/1	52 w
114	0%	1.5.5.2.2.3	Complete System Integration Tests on Sidewalk		4 w
115	0%	1.5.5.2.2.4	Remove old racks		1 w
116	0%	1.5.5.2.2.5	Redress cables		2 w
117	0%	1.5.5.2.2.6	Install new racks in MCH		0.6 w
118	0%	1.5.5.2.2.7	Connect new rack services		1 w
119	0%	1.5.5.2.2.8	Connect BLS & Intermediate cables		1 w
120	0%	1.5.5.2.2.9	Technical commissioning in MCH1		4 w
121	0%	1.5.5.2.2.10	Level 1 Calorimeter Trigger Installed & Technical Comm		0 w
122	0%	1.5.5.3	Level 1 Calorimeter Track Matching		21.2 w
123	0%	1.5.5.3.1	L1 Cal/Track Match Production and Testing Completed		0 w
124	0%	1.5.5.3.2	Installation And Technical Commissioning		4 w
125	0%	1.5.5.3.2.1	Hook up L1 CTM electronics		4 w
126	0%	1.5.5.3.2.2	L1 Cal/Track Match Installed		0 w
127	0%	1.5.5.3.3	L1 Cal/Trk Match Technical Commissioning		17.2 w
128	0%	1.5.5.3.3.1	Debug timing and trigger signals from the TFW		2 w
129	0%	1.5.5.3.3.2	Debug input from all sources		2 w
130	0%	1.5.5.3.3.3	Debug CTM decision to TFW		1 w
131	0%	1.5.5.3.3.4	Establish L2, L3 readout		2 w
132	0%	1.5.5.3.3.5	Level 1 Cal/Track Match Technical Commissioning Com		0 w
133	0%	1.5.5.4	Level 1 Tracking		14.4 w
134	0%	1.5.5.4.1	L1 Central Track Trigger Production And Testing Complete		0 w
135	0%	1.5.5.4.2	Installation And Technical Commissioning		10 w
136	0%	1.5.5.4.2.1	Fermilab Contribution		10 w
137	0%	1.5.5.4.2.1.1	Install DFEA boards		2 w
138	0%	1.5.5.4.2.1.2	Debug all Inputs		4 w
139	0%	1.5.5.4.2.1.3	Verify Outputs		4 w
140	0%	1.5.5.4.2.2	Boston U Contribution		10 w
141	0%	1.5.5.4.2.2.1	Install DFEA boards		2 w
142	0%	1.5.5.4.2.2.2	Debug all Inputs		4 w
143	0%	1.5.5.4.2.2.3	Verify Outputs		4 w
144	0%	1.5.5.4.2.3	Notre Dame Contribution		10 w

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145	0%	1.5.5.4.2.3.1	Install DFEA boards		2 w
146	0%	1.5.5.4.2.3.2	Debug all Inputs		4 w
147	0%	1.5.5.4.2.3.3	Verify Outputs		4 w
148	0%	1.5.5.4.2.4	KU Contribution		10 w
149	0%	1.5.5.4.2.4.1	Install DFEA boards		2 w
150	0%	1.5.5.4.2.4.2	Debug all Inputs		4 w
151	0%	1.5.5.4.2.4.3	Verify Outputs		4 w
152	0%	1.5.5.4.2.4.4	L1CTT Installation & Technical Commissioning Coi		0 w
153	0%	1.5.5.4.2.5	Trigger Upgrade Ready for Resumption of Tevatron		0 w
154	0%	1.5.5.4.3	Level 1 Tracking Installation Complete		0 w
155	0%	1.5.5.5	Level 2 Beta Processors		25 w
156	0%	1.5.5.5.1	Level 2 Beta Production Complete		0 w
157	0%	1.5.5.5.2	Verify Assembled Processors		13 w
158	0%	1.5.5.5.2.1	Cut Code Release for new Hardware		2 w
159	0%	1.5.5.5.2.2	Online Code Support/Development		7 w
160	0%	1.5.5.5.2.3	Verify Processor Assemblies -- UVA		2 w
161	0%	1.5.5.5.2.4	Verify Processor Assemblies -- ORS		2 w
162	0%	1.5.5.5.3	Installation And Technical Commissioning		3 w
163	0%	1.5.5.5.3.1	Install boards in L2 Trigger		1 w
164	0%	1.5.5.5.3.2	Technical commissioning-UVA		2 w
165	0%	1.5.5.5.3.3	Technical commissioning-ORS		2 w
166	0%	1.5.5.5.3.4	Technical commissioning-FNAL		2 w
167	0%	1.5.5.5.3.5	Level 2 Upgrade Beta Installed & Commissioned		0 w
168	0%	1.5.5.6	L2 Silicon Track Trigger Upgrade		90.4 w
169	0%	1.5.5.6.1	L2 STT Hardware Production Complete		0 w
170	0%	1.5.5.6.2	L2 STT Installation		75.4 w
171	0%	1.5.5.6.2.1	STT Module Install		1 w
172	0%	1.5.5.6.2.2	VTM Install		1 w
173	0%	1.5.5.6.2.3	TFC Module Install		1 w
174	0%	1.5.5.6.2.4	Splitters Install		2 w
175	0%	1.5.5.6.2.5	Fibers Install		1 w
176	0%	1.5.5.6.3	L2 STT Hardware Installed		0 w
177	0%	1.5.5.6.4	L2 STT Technical Commissioning		4 w
178	0%	1.5.5.6.4.1	Technical Commissioning, BU effort		4 w
179	0%	1.5.5.6.4.2	Technical Commissioning, CU Effort		4 w
180	0%	1.5.5.6.4.3	Technical Commissioning, SUNY Effort		4 w

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181	0%	1.5.5.6.4.4	L2 STT Technical Commissioning Complete		0 w
182	0%	1.5.5.7	Trigger Upgrade Ready for Resumption of Tevatron		0 w
183	0%	1.5.6	Run IIb Detector Ready for Resumption of Tevatron		0 w
184	0%	1.5.7	Layer Zero Physics Commissioning	9/1	17 w
185	0%	1.5.7.1	Timing Studies	9/1	1 w
186	0%	1.5.7.2	Noise Studies	9/1	4 w
187	0%	1.5.7.3	Alignment	9/1	4 w
188	0%	1.5.7.4	Clustering Studies	9/1	8 w
189	0%	1.5.7.5	Tracking Studies	9/1	8 w
190	0%	1.5.7.6	Physics Objects (Vee's, etc)	9/1	2 w
191	0%	1.5.7.7	Layer Zero Ready for RunIIb Physics	9/1	0 w
192	0%	1.5.8	L1 Cal Trig Physics Commissioning	9/1	14 w
193	0%	1.5.8.1	Trigger Rate Studies	9/1	8 w
194	0%	1.5.8.2	Trigger Efficiency Studies	9/1	8 w
195	0%	1.5.8.3	Noise Studies	9/1	8 w
196	0%	1.5.8.4	Determine Threshold Reference Sets	9/1	6 w
197	0%	1.5.8.5	Understand Missing Et	9/1	8 w
198	0%	1.5.8.6	Tune Digital Filter Coefficients	9/1	6 w
199	0%	1.5.8.7	Study Sliding Window Algorithms	9/1	8 w
200	0%	1.5.8.8	L1 Cal Trig Ready for RunIIb Physics	9/1	0 w
201	0%	1.5.10	L1 TrackMatch Physics Commissioning	9/1	4 w
202	0%	1.5.10.1	Study L1 Cal Track/Match Triggers In Detail	9/1	4 w
203	0%	1.5.10.2	L1 Cal Track Match ready for RunIIb Physics	9/1	0 w
204	0%	1.5.12	L1CTT Physics Commissioning	9/1	4 w
205	0%	1.5.12.1	Study L1 Central Track Triggers In Detail	9/1	4 w
206	0%	1.5.12.2	L1 Central Track Trigger ready for RunIIb Physics	9/1	0 w
207	0%	1.5.14	L2 Beta Physics Commissioning	9/1	4 w
208	0%	1.5.14.1	Verify Function of New Features	9/1	4 w
209	0%	1.5.14.2	L2 Beta ready for RunIIb Physics	9/1	0 w
210	0%	1.5.16	L2STT Physics Commissioning	9/1	3 w
211	0%	1.5.16.1	Verify STT Track Fitting	9/1	3 w
212	0%	1.5.16.2	L2 STT ready for RunIIb Physics	9/1	0 w
213	0%	1.5.18	Trigsim Technical Commissioning	9/1	57.6 w
214	0%	1.5.18.1	Find and Fix Trigsim Bugs	9/1	4 w
215	0%	1.5.18.2	Check Outputs	9/1	3 w
216	0%	1.5.18.3	Debug Trigsimcert	9/1	3 w

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217	0%	1.5.18.4	Debug Ratetool	9/1	3 w
218	0%	1.5.18.5	Make Default Trigger List	9/1	3 w
219	0%	1.5.18.6	Production Release Available	9/1	0 w
220	0%	1.5.18.7	Certify Production Release	9/1	4 w
221	0%	1.5.18.8	Trigsim Tools Certified and Released	9/1	0 w
222	0%	1.5.27	Develop RunIIb Trigger List	9/1	36 w
223	0%	1.5.27.1	L1/L2 Integration	9/1	18 w
224	0%	1.5.27.2	L3	9/1	8 w
225	0%	1.5.27.3	Database Entry & Verification	9/1	4 w
226	0%	1.5.27.4	Download Verification	9/1	1 w
227	0%	1.5.27.5	Test Trigger List with data-taking	9/1	5 w
228	0%	1.5.27.6	Trigger List Ready for RunIIb Physics	9/1	0 w
229	0%	1.5.34	D0 Ready for RunIIb Physics	9/1	0 w

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
	Mon 1/5/04	Fri 1/20/06				\$77,000.00	\$77,000.00	\$34,875.00
	Mon 8/23/04	Mon 8/23/04	19,15FS-4 w			\$0.00	\$0.00	\$0.00
55SF,62SF	Wed 6/29/05	Wed 6/29/05	1,107FS-42 w			\$0.00	\$0.00	\$0.00
	Thu 7/21/05	Thu 7/21/05	72			\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Fri 9/9/05				\$35,500.00	\$35,500.00	\$27,375.00
	Mon 1/5/04	Mon 5/2/05				\$35,500.00	\$35,500.00	\$27,375.00
	Mon 1/5/04	Wed 1/5/05	104SS,100SS	OP	FNAL	\$15,000.00	\$15,000.00	\$15,000.00
3FS-30 w	Tue 11/16/04	Mon 1/24/05		OP	FNAL	\$0.00	\$0.00	\$0.00
3FS-20 w	Tue 2/8/05	Mon 4/4/05	85	OP	FNAL	\$500.00	\$500.00	\$500.00
3FS-30 w	Tue 11/16/04	Wed 12/1/04	85	OP		\$0.00	\$0.00	\$0.00
	Mon 7/26/04	Wed 12/1/04				\$7,500.00	\$7,500.00	\$1,875.00
2FS+1 w	Mon 8/30/04	Fri 9/3/04	52,13,37,85	OP	FNAL	\$0.00	\$0.00	\$0.00
12	Tue 9/7/04	Thu 9/9/04	52,37,85	OP	FNAL	\$0.00	\$0.00	\$0.00
2FS+2 w	Tue 9/7/04	Wed 9/8/04	52,37,85	OP	FNAL	\$0.00	\$0.00	\$0.00
2FS-4 w	Mon 7/26/04	Fri 8/20/04	16			\$7,500.00	\$7,500.00	\$1,875.00
15,45	Mon 8/23/04	Tue 8/24/04	52,37,85	OP	FNAL	\$0.00	\$0.00	\$0.00
	Mon 8/9/04	Thu 11/4/04				\$0.00	\$0.00	\$0.00
2FS-2 w	Mon 8/9/04	Fri 8/20/04	24,28	OP	FNAL	\$0.00	\$0.00	\$0.00
2	Mon 8/23/04	Wed 8/25/04	20,22	OP	FNAL	\$0.00	\$0.00	\$0.00
19	Thu 8/26/04	Mon 8/30/04	16,21FS-0.2 w	OP	FNAL	\$0.00	\$0.00	\$0.00
20FS-0.2 w	Mon 8/30/04	Wed 9/1/04	22	OP	FNAL	\$0.00	\$0.00	\$0.00
21,19	Thu 9/2/04	Tue 9/7/04	26,23,24	OP	FNAL	\$0.00	\$0.00	\$0.00
22	Wed 9/8/04	Tue 9/14/04	25	OP	FNAL	\$0.00	\$0.00	\$0.00
22,18	Wed 9/8/04	Tue 9/21/04	25,28	OP	FNAL	\$0.00	\$0.00	\$0.00
24,23	Wed 9/22/04	Tue 9/28/04	30	OP	FNAL	\$0.00	\$0.00	\$0.00
22,20	Wed 9/8/04	Fri 9/10/04	27,28	OP	FNAL	\$0.00	\$0.00	\$0.00
26	Mon 9/13/04	Fri 9/24/04	29	OP	FNAL	\$0.00	\$0.00	\$0.00
24,26,18	Wed 9/22/04	Tue 10/5/04	29	OP	FNAL	\$0.00	\$0.00	\$0.00
28,27	Wed 10/6/04	Thu 10/7/04	30	OP	FNAL	\$0.00	\$0.00	\$0.00
29,25	Fri 10/8/04	Thu 10/14/04	36,31,32	OP	FNAL	\$0.00	\$0.00	\$0.00
30	Fri 10/15/04	Thu 10/21/04	33	OP	FNAL	\$0.00	\$0.00	\$0.00
30	Fri 10/15/04	Thu 10/21/04	33	OP	FNAL	\$0.00	\$0.00	\$0.00
32,31	Fri 10/22/04	Thu 10/28/04	34	OP	FNAL	\$0.00	\$0.00	\$0.00
33	Fri 10/29/04	Tue 11/2/04	35	OP	FNAL	\$0.00	\$0.00	\$0.00
34	Wed 11/3/04	Thu 11/4/04	36	OP	FNAL	\$0.00	\$0.00	\$0.00
30,35	Thu 11/4/04	Thu 11/4/04	52,37			\$0.00	\$0.00	\$0.00

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
36,12,13,14,16	Wed 12/1/04	Wed 12/1/04				\$0.00	\$0.00	\$0.00
3FS-30 w	Tue 11/16/04	Wed 12/15/04	52,48	OP	FNAL	\$2,500.00	\$2,500.00	\$2,500.00
3FS-26 w	Thu 12/16/04	Mon 1/24/05	52,48	OP	FNAL	\$2,500.00	\$2,500.00	\$2,500.00
3FS-22 w	Tue 1/25/05	Mon 2/21/05	52,48	OP	FNAL	\$5,000.00	\$5,000.00	\$2,500.00
3FS-18 w	Tue 2/22/05	Mon 3/7/05	52,49	OP	FNAL	\$2,500.00	\$2,500.00	\$2,500.00
3FS-42 w	Mon 8/23/04	Wed 12/15/04	52,182	OE-base	U	\$0.00	\$0.00	\$0.00
3FS-42 w	Mon 8/23/04	Wed 12/15/04	52,182	OP	FNAL	\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Mon 5/2/05				\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Mon 2/2/04	51,16	OP	FNAL	\$0.00	\$0.00	\$0.00
3FS-16 w	Tue 3/8/05	Mon 4/4/05	51	OP	FNAL	\$0.00	\$0.00	\$0.00
3FS-12 w	Tue 4/5/05	Mon 5/2/05	51	OP	FNAL	\$0.00	\$0.00	\$0.00
39,40,3FS-10 w	Tue 4/19/05	Mon 5/2/05	51	OP	FNAL	\$0.00	\$0.00	\$0.00
41	Tue 3/8/05	Mon 3/21/05	51	OP	FNAL	\$0.00	\$0.00	\$0.00
3FS-20 w	Tue 2/8/05	Mon 2/21/05	51	OP	FNAL	\$0.00	\$0.00	\$0.00
46,47,48,49,50	Mon 5/2/05	Mon 5/2/05	52			\$0.00	\$0.00	\$0.00
14,16,36,51,43	Mon 5/2/05	Mon 5/2/05				\$0.00	\$0.00	\$0.00
	Tue 6/28/05	Fri 7/8/05				\$0.00	\$0.00	\$0.00
55SF	Tue 6/28/05	Wed 6/29/05	62SS	OP	FNAL	\$0.00	\$0.00	\$0.00
56SF	Wed 6/29/05	Fri 7/1/05	60,3SF,54SF	OP	FNAL	\$0.00	\$0.00	\$0.00
57SF	Fri 7/1/05	Wed 7/6/05	60,55SF	OP	FNAL	\$0.00	\$0.00	\$0.00
59SF	Wed 7/6/05	Thu 7/7/05	7,141,145,149	OP	FNAL	\$0.00	\$0.00	\$0.00
59SF	Wed 7/6/05	Thu 7/7/05	60	OP	FNAL	\$0.00	\$0.00	\$0.00
63SF	Thu 7/7/05	Fri 7/8/05	30,57SF,58SF	OP	FNAL	\$0.00	\$0.00	\$0.00
57,56,55,59,58	Fri 7/8/05	Fri 7/8/05				\$0.00	\$0.00	\$0.00
	Tue 6/28/05	Mon 7/18/05				\$0.00	\$0.00	\$0.00
54SS	Tue 6/28/05	Tue 6/28/05	80,3SF	OP	FNAL	\$0.00	\$0.00	\$0.00
64SF	Fri 7/8/05	Mon 7/11/05	59SF	OP	FNAL	\$0.00	\$0.00	\$0.00
65SF	Mon 7/11/05	Tue 7/12/05	63SF	OP	FNAL	\$0.00	\$0.00	\$0.00
66SF	Tue 7/12/05	Thu 7/14/05	64SF	OP	FNAL	\$0.00	\$0.00	\$0.00
68SF	Thu 7/14/05	Fri 7/15/05	65SF,67	OP	FNAL	\$0.00	\$0.00	\$0.00
66	Fri 7/15/05	Fri 7/15/05				\$0.00	\$0.00	\$0.00
71SF	Fri 7/15/05	Mon 7/18/05	69,66SF	OP	FNAL	\$0.00	\$0.00	\$0.00
68	Mon 7/18/05	Mon 7/18/05				\$0.00	\$0.00	\$0.00
	Mon 7/18/05	Thu 7/28/05				\$0.00	\$0.00	\$0.00
73SF	Mon 7/18/05	Fri 7/22/05	68SF	OP	FNAL	\$0.00	\$0.00	\$0.00
4	Thu 7/21/05	Thu 7/21/05	73	OP	FNAL	\$0.00	\$0.00	\$0.00

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
72	Fri 7/22/05	Tue 7/26/05	71SF,74FF	OP	FNAL	\$0.00	\$0.00	\$0.00
73FF	Tue 7/26/05	Tue 7/26/05	75	OP	FNAL	\$0.00	\$0.00	\$0.00
74	Wed 7/27/05	Thu 7/28/05	76,78	OP	FNAL	\$0.00	\$0.00	\$0.00
75	Thu 7/28/05	Thu 7/28/05				\$0.00	\$0.00	\$0.00
	Fri 7/29/05	Fri 8/5/05				\$0.00	\$0.00	\$0.00
75	Fri 7/29/05	Mon 8/1/05	79	OP	FNAL	\$0.00	\$0.00	\$0.00
78	Tue 8/2/05	Wed 8/3/05	80	OP	FNAL	\$0.00	\$0.00	\$0.00
62,79	Thu 8/4/05	Thu 8/4/05	85,81,82	OP	FNAL	\$0.00	\$0.00	\$0.00
80	Fri 8/5/05	Fri 8/5/05		OP		\$0.00	\$0.00	\$0.00
80	Fri 8/5/05	Fri 8/5/05	86,83	OP	FNAL	\$0.00	\$0.00	\$0.00
82	Fri 8/5/05	Fri 8/5/05				\$0.00	\$0.00	\$0.00
	Fri 8/5/05	Fri 8/12/05				\$0.00	\$0.00	\$0.00
),9,12,13,14,16	Fri 8/5/05	Fri 8/5/05		OP	FNAL	\$0.00	\$0.00	\$0.00
82	Mon 8/8/05	Fri 8/12/05	87,90,89	OP	FNAL	\$0.00	\$0.00	\$0.00
86	Fri 8/12/05	Fri 8/12/05				\$0.00	\$0.00	\$0.00
	Mon 8/15/05	Fri 8/19/05				\$0.00	\$0.00	\$0.00
86	Mon 8/15/05	Fri 8/19/05	92,90	OP	FNAL	\$0.00	\$0.00	\$0.00
89,86	Fri 8/19/05	Fri 8/19/05	183			\$0.00	\$0.00	\$0.00
	Mon 8/22/05	Fri 9/9/05				\$0.00	\$0.00	\$0.00
89	Mon 8/22/05	Fri 9/2/05	94,93	OP	FNAL	\$0.00	\$0.00	\$0.00
92	Tue 9/6/05	Fri 9/9/05	94	OP	FNAL	\$0.00	\$0.00	\$0.00
93,92	Fri 9/9/05	Fri 9/9/05	185			\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Thu 10/20/05				\$41,500.00	\$41,500.00	\$7,500.00
	Mon 1/5/04	Thu 5/26/05				\$38,500.00	\$38,500.00	\$7,500.00
	Mon 1/5/04	Wed 8/18/04		OP	FNAL	\$0.00	\$0.00	\$0.00
7SS	Mon 1/5/04	Mon 3/29/04	117,108	OP	FNAL	\$37,500.00	\$37,500.00	\$7,500.00
110FF	Wed 1/12/05	Thu 5/26/05	108	OE-base	BU	\$0.00	\$0.00	\$0.00
7SS	Mon 1/5/04	Fri 1/9/04				\$0.00	\$0.00	\$0.00
7SS	Mon 1/5/04	Mon 3/1/04	116,108	OE-base	UIC	\$0.00	\$0.00	\$0.00
	Mon 8/23/04	Fri 8/27/04	103,108	OP	FNAL	\$500.00	\$500.00	\$0.00
102	Mon 8/30/04	Fri 9/3/04	106,108	OE-base	AZ	\$0.00	\$0.00	\$0.00
7SS	Mon 8/23/04	Mon 9/20/04	105,108	OE-base	AZ	\$0.00	\$0.00	\$0.00
104	Tue 9/21/04	Mon 10/18/04	106,108	OP	FNAL	\$500.00	\$500.00	\$0.00
103,105	Tue 10/19/04	Mon 11/15/04	182	OE-base	AZ	\$0.00	\$0.00	\$0.00
3FS-42 w	Mon 8/23/04	Wed 12/15/04	108			\$0.00	\$0.00	\$0.00
103,104,105,107	Thu 5/26/05	Thu 5/26/05				\$0.00	\$0.00	\$0.00

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
	Tue 9/28/04	Thu 10/13/05				\$2,500.00	\$2,500.00	\$0.00
	Thu 5/26/05	Thu 5/26/05	1,120,129,114			\$0.00	\$0.00	\$0.00
	Tue 9/28/04	Thu 10/13/05				\$2,500.00	\$2,500.00	\$0.00
177FF-1 w	Tue 9/28/04	Thu 10/13/05		OP	FNAL	\$0.00	\$0.00	\$0.00
177FF-1 w	Tue 9/28/04	Thu 10/13/05		OP	MSU	\$0.00	\$0.00	\$0.00
110	Thu 5/26/05	Thu 6/23/05	117	OE-base	BU	\$0.00	\$0.00	\$0.00
3	Wed 6/29/05	Wed 7/6/05	116	OP	FNAL	\$0.00	\$0.00	\$0.00
115,101	Thu 7/7/05	Wed 7/20/05	117	OE-base	UIC	\$0.00	\$0.00	\$0.00
98,116,114	Thu 7/21/05	Mon 7/25/05	118	OP	FNAL	\$0.00	\$0.00	\$0.00
117	Tue 7/26/05	Mon 8/1/05	119	OP	FNAL	\$2,500.00	\$2,500.00	\$0.00
118	Tue 8/2/05	Mon 8/8/05	120,129	OE-base	MSU	\$0.00	\$0.00	\$0.00
119,110	Tue 8/9/05	Tue 9/6/05	121,193,195	OE-base	MSU	\$0.00	\$0.00	\$0.00
120	Tue 9/6/05	Tue 9/6/05	154,202,205			\$0.00	\$0.00	\$0.00
	Mon 5/16/05	Thu 10/13/05				\$0.00	\$0.00	\$0.00
	Mon 5/16/05	Mon 5/16/05	125			\$0.00	\$0.00	\$0.00
	Mon 5/16/05	Mon 6/13/05				\$0.00	\$0.00	\$0.00
123	Mon 5/16/05	Mon 6/13/05	126			\$0.00	\$0.00	\$0.00
125	Mon 6/13/05	Mon 6/13/05	128			\$0.00	\$0.00	\$0.00
	Tue 6/14/05	Thu 10/13/05				\$0.00	\$0.00	\$0.00
126	Tue 6/14/05	Mon 6/27/05	129		AZ	\$0.00	\$0.00	\$0.00
110,139FS-1 w	Fri 9/9/05	Thu 9/22/05	130	OE-base	AZ	\$0.00	\$0.00	\$0.00
129	Fri 9/23/05	Thu 9/29/05	131	OE-base	AZ	\$0.00	\$0.00	\$0.00
130	Fri 9/30/05	Thu 10/13/05	132	OE-base	AZ	\$0.00	\$0.00	\$0.00
131	Thu 10/13/05	Thu 10/13/05	154,202,205			\$0.00	\$0.00	\$0.00
	Tue 7/5/05	Thu 10/13/05				\$0.00	\$0.00	\$0.00
	Tue 7/5/05	Tue 7/5/05	7,141,145,149			\$0.00	\$0.00	\$0.00
	Thu 7/7/05	Thu 9/15/05				\$0.00	\$0.00	\$0.00
	Thu 7/7/05	Thu 9/15/05				\$0.00	\$0.00	\$0.00
134,57,3	Thu 7/7/05	Wed 7/20/05	3,142,146,150	OP	FNAL	\$0.00	\$0.00	\$0.00
137,3FF+2 d	Thu 7/21/05	Wed 8/17/05	3,143,147,151	OP	FNAL	\$0.00	\$0.00	\$0.00
138	Thu 8/18/05	Thu 9/15/05	129FS-1 w	OP	FNAL	\$0.00	\$0.00	\$0.00
	Thu 7/7/05	Thu 9/15/05				\$0.00	\$0.00	\$0.00
134,57,3	Thu 7/7/05	Wed 7/20/05		OE-base	BU	\$0.00	\$0.00	\$0.00
137	Thu 7/21/05	Wed 8/17/05		OE-base	BU	\$0.00	\$0.00	\$0.00
138	Thu 8/18/05	Thu 9/15/05		OE-base	BU	\$0.00	\$0.00	\$0.00
	Thu 7/7/05	Thu 9/15/05				\$0.00	\$0.00	\$0.00

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
134,57,3	Thu 7/7/05	Wed 7/20/05		EQ-DOE	ND	\$0.00	\$0.00	\$0.00
137	Thu 7/21/05	Wed 8/17/05		EQ-DOE	ND	\$0.00	\$0.00	\$0.00
138	Thu 8/18/05	Thu 9/15/05		EQ-DOE	ND	\$0.00	\$0.00	\$0.00
	Thu 7/7/05	Thu 9/15/05				\$0.00	\$0.00	\$0.00
134,57,3	Thu 7/7/05	Wed 7/20/05	153	ISF-base	KU	\$0.00	\$0.00	\$0.00
137	Thu 7/21/05	Wed 8/17/05		ISF-base	KU	\$0.00	\$0.00	\$0.00
138	Thu 8/18/05	Thu 9/15/05	152	ISF-base	KU	\$0.00	\$0.00	\$0.00
151	Thu 9/15/05	Thu 9/15/05	205	SF-base	KU	\$0.00	\$0.00	\$0.00
149	Wed 7/20/05	Wed 7/20/05				\$0.00	\$0.00	\$0.00
121,132	Thu 10/13/05	Thu 10/13/05	w,180FS-3 w			\$0.00	\$0.00	\$0.00
	Mon 1/24/05	Wed 7/20/05				\$0.00	\$0.00	\$0.00
	Mon 1/24/05	Mon 1/24/05	158			\$0.00	\$0.00	\$0.00
	Tue 1/25/05	Mon 4/25/05				\$0.00	\$0.00	\$0.00
156	Tue 1/25/05	Mon 2/7/05	159	OE-base	UVA	\$0.00	\$0.00	\$0.00
158	Tue 2/8/05	Mon 3/28/05	160	OE-base	UVA	\$0.00	\$0.00	\$0.00
159	Tue 3/29/05	Mon 4/11/05	161	OE-base	UVA	\$0.00	\$0.00	\$0.00
160	Tue 4/12/05	Mon 4/25/05	163	i-Foreign	ORS	\$0.00	\$0.00	\$0.00
	Wed 6/29/05	Wed 7/20/05				\$0.00	\$0.00	\$0.00
161,3	Wed 6/29/05	Wed 7/6/05	164,165,166	OP	FNAL	\$0.00	\$0.00	\$0.00
163	Thu 7/7/05	Wed 7/20/05	167	OE-base	UVA	\$0.00	\$0.00	\$0.00
163	Thu 7/7/05	Wed 7/20/05	167	i-Foreign	ORS	\$0.00	\$0.00	\$0.00
163	Thu 7/7/05	Wed 7/20/05	167	OP	FNAL	\$0.00	\$0.00	\$0.00
166,165,164	Wed 7/20/05	Wed 7/20/05				\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Thu 10/20/05				\$500.00	\$500.00	\$0.00
	Wed 3/30/05	Wed 3/30/05	171,172,173			\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Wed 7/6/05				\$500.00	\$500.00	\$0.00
169,3	Wed 6/29/05	Wed 7/6/05	176	OE-base	BU	\$0.00	\$0.00	\$0.00
169,3	Wed 6/29/05	Wed 7/6/05	176	OE-base	BU	\$0.00	\$0.00	\$0.00
169,3	Wed 6/29/05	Wed 7/6/05	176	OE-base	BU	\$0.00	\$0.00	\$0.00
7SS	Mon 1/5/04	Fri 1/16/04	176	OP	FNAL	\$500.00	\$500.00	\$0.00
3	Wed 6/29/05	Wed 7/6/05	176	OP	FNAL	\$0.00	\$0.00	\$0.00
73,172,171,174	Wed 7/6/05	Wed 7/6/05	178,179,180			\$0.00	\$0.00	\$0.00
	Fri 9/23/05	Thu 10/20/05	w,113FF-1 w			\$0.00	\$0.00	\$0.00
154FS-3 w,176	Fri 9/23/05	Thu 10/20/05	181	OE-base	BU	\$0.00	\$0.00	\$0.00
154FS-3 w,176	Fri 9/23/05	Thu 10/20/05	181	OE-base	CU	\$0.00	\$0.00	\$0.00
154FS-3 w,176	Fri 9/23/05	Thu 10/20/05	181	OE-base	SUNYSB	\$0.00	\$0.00	\$0.00

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
178,179,180	Thu 10/20/05	Thu 10/20/05	211,208			\$0.00	\$0.00	\$0.00
106,137,42,43	Wed 7/20/05	Wed 7/20/05	183			\$0.00	\$0.00	\$0.00
182,90	Fri 8/19/05	Fri 8/19/05				\$0.00	\$0.00	\$0.00
	Mon 9/12/05	Fri 1/20/06				\$0.00	\$0.00	\$0.00
94	Mon 9/12/05	Fri 9/16/05	186			\$0.00	\$0.00	\$0.00
185	Mon 9/19/05	Fri 10/14/05	191,187			\$0.00	\$0.00	\$0.00
186	Mon 10/17/05	Fri 11/11/05	188,189,190			\$0.00	\$0.00	\$0.00
187	Mon 11/14/05	Fri 1/20/06				\$0.00	\$0.00	\$0.00
187	Mon 11/14/05	Fri 1/20/06				\$0.00	\$0.00	\$0.00
187	Mon 11/14/05	Tue 11/29/05				\$0.00	\$0.00	\$0.00
186	Fri 10/14/05	Fri 10/14/05	229			\$0.00	\$0.00	\$0.00
	Wed 9/7/05	Thu 12/15/05				\$0.00	\$0.00	\$0.00
120	Wed 9/7/05	Tue 11/1/05	193SS+6 w,200			\$0.00	\$0.00	\$0.00
193SS+1 w	Wed 9/14/05	Tue 11/8/05	200			\$0.00	\$0.00	\$0.00
120	Wed 9/7/05	Tue 11/1/05	200			\$0.00	\$0.00	\$0.00
193SS+4 w	Wed 10/5/05	Tue 11/15/05	200			\$0.00	\$0.00	\$0.00
193SS+2 w	Wed 9/21/05	Tue 11/15/05	200			\$0.00	\$0.00	\$0.00
193SS+4 w	Wed 10/5/05	Tue 11/15/05	200			\$0.00	\$0.00	\$0.00
193SS+6 w	Wed 10/19/05	Thu 12/15/05				\$0.00	\$0.00	\$0.00
184,195,196,197	Tue 11/15/05	Tue 11/15/05	229			\$0.00	\$0.00	\$0.00
	Fri 10/14/05	Thu 11/10/05				\$0.00	\$0.00	\$0.00
132,121	Fri 10/14/05	Thu 11/10/05	203			\$0.00	\$0.00	\$0.00
202	Thu 11/10/05	Thu 11/10/05	229			\$0.00	\$0.00	\$0.00
	Fri 10/14/05	Thu 11/10/05				\$0.00	\$0.00	\$0.00
132,152,121	Fri 10/14/05	Thu 11/10/05	206			\$0.00	\$0.00	\$0.00
205	Thu 11/10/05	Thu 11/10/05	229			\$0.00	\$0.00	\$0.00
	Fri 10/21/05	Thu 11/17/05				\$0.00	\$0.00	\$0.00
181	Fri 10/21/05	Thu 11/17/05	209			\$0.00	\$0.00	\$0.00
208	Thu 11/17/05	Thu 11/17/05	229			\$0.00	\$0.00	\$0.00
	Fri 10/21/05	Thu 11/10/05				\$0.00	\$0.00	\$0.00
181	Fri 10/21/05	Thu 11/10/05	212			\$0.00	\$0.00	\$0.00
211	Thu 11/10/05	Thu 11/10/05	229			\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Tue 3/1/05				\$0.00	\$0.00	\$0.00
	Tue 1/4/05	Tue 2/1/05	w,218SS+1 w			\$0.00	\$0.00	\$0.00
214SS+1 w	Tue 1/11/05	Tue 2/1/05				\$0.00	\$0.00	\$0.00
	Mon 1/5/04	Mon 1/26/04				\$0.00	\$0.00	\$0.00

Predecessors	Start	Finish	Successors	Funding	Institution	M&S non-La	M&S Cost \$	M&S Cont
	Mon 1/5/04	Mon 1/26/04				\$0.00	\$0.00	\$0.00
214SS+1 w	Tue 1/11/05	Tue 2/1/05	219			\$0.00	\$0.00	\$0.00
218	Tue 2/1/05	Tue 2/1/05	220			\$0.00	\$0.00	\$0.00
219	Wed 2/2/05	Tue 3/1/05	221			\$0.00	\$0.00	\$0.00
220	Tue 3/1/05	Tue 3/1/05	223			\$0.00	\$0.00	\$0.00
	Wed 3/2/05	Fri 11/11/05				\$0.00	\$0.00	\$0.00
221	Wed 3/2/05	Thu 7/7/05	224			\$0.00	\$0.00	\$0.00
223	Fri 7/8/05	Thu 9/1/05	225			\$0.00	\$0.00	\$0.00
224	Fri 9/2/05	Fri 9/30/05	226			\$0.00	\$0.00	\$0.00
225	Mon 10/3/05	Fri 10/7/05	227			\$0.00	\$0.00	\$0.00
226	Mon 10/10/05	Fri 11/11/05	228			\$0.00	\$0.00	\$0.00
227	Fri 11/11/05	Fri 11/11/05	229			\$0.00	\$0.00	\$0.00
16,203,200,191	Thu 11/17/05	Thu 11/17/05				\$0.00	\$0.00	\$0.00

M&S Cont Fi	Cost
0.35	\$719,663.59
0	\$0.00
0	\$0.00
0	\$0.00
0.42	\$255,773.49
0.77	\$214,976.59
1	\$18,921.00
0	\$7,544.00
1	\$21,056.00
0	\$760.00
0	\$95,031.59
0	\$1,700.00
0	\$574.50
0	\$143.63
0.25	\$17,354.00
0	\$1,362.40
0	\$73,897.06
0	\$0.00
0	\$1,492.68
0	\$1,492.68
0	\$3,327.00
0	\$344.70
0	\$1,898.00
0	\$0.00
0	\$1,225.60
0	\$1,378.80
0	\$3,796.00
0	\$0.00
0	\$1,378.80
0	\$0.00
0	\$2,487.80
0	\$2,487.80
0	\$5,070.50
0	\$3,327.00
0	\$114.90
0	\$0.00

M&S Cont Fi	Cost
0	\$0.00
1	\$11,366.00
1	\$17,934.00
0.5	\$18,136.00
1	\$9,068.00
0	\$0.00
0	\$0.00
0	\$15,160.00
0	\$3,772.00
0	\$3,796.00
0	\$3,796.00
0	\$1,898.00
0	\$0.00
0	\$1,898.00
0	\$0.00
0	\$0.00
0	\$5,759.90
0	\$0.00
0	\$2,028.20
0	\$2,028.20
0	\$554.50
0	\$229.80
0	\$919.20
0	\$0.00
0	\$6,788.90
0	\$324.70
0	\$649.40
0	\$919.20
0	\$3,137.20
0	\$919.20
0	\$0.00
0	\$839.20
0	\$0.00
0	\$10,050.80
0	\$2,597.60
0	\$689.40

M&S Cont Fi	Cost
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$3,918.50
0	\$0.00
0	\$3,918.50
0	\$0.00
0	\$0.00
0	\$0.00
0	\$2,298.00
0	\$1,620.50
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00

M&S Cont Fi	Cost
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00
0	\$0.00