

UID	ID	WBS	Resp Instit Name/Code	Name	Start	Finish	Duration	% Complete	Predecessors	Successors	Resource Names	Work	Fixed Cost	Base Costs (All-Institutions)	TPC (NoContingency)	TPC (+Contingency)	2016				2017				20
																	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	1	1		<b>Downstream Spectrometer Solenoid Repair</b>	10/1/15	2/15/18	594 d	0%				9,078 hrs	\$0	\$1,410,992	\$1,553,316	\$2,174,642									
90	2	1.1		<b>Reference Dates</b>	10/1/15	10/2/17	503 d	0%				0 hrs	\$0	\$0	\$0	\$0	\$0								
92	3	1.1.1	FN	FY16 Funds Available	10/1/15	10/1/15	0 d	0%		4SS+253 d,8SS+3		0 hrs	\$0	\$0	\$0	\$0	\$0								
93	4	1.1.2		FY17 Funds Available	10/3/16	10/3/16	0 d	0%	3SS+253 d			0 hrs	\$0	\$0	\$0	\$0	\$0								
122	5	1.1.3		FY18 Funds Available	10/2/17	10/2/17	0 d	0%	3SS+503 d	140FS+60 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
105	6	1.1.4	FN	T4 - [Ready] - Spectrometer Solenoid Technical Review Complete	12/4/15	12/4/15	0 d	0%	3FS+45 d	7FS+10 d,10		0 hrs	\$0	\$0	\$0	\$0	\$0								
106	7	1.1.5	FN	T4 - [Required] - Spectrometer Solenoid Technical Review Complete	12/18/15	12/18/15	0 d	0%	6FS+10 d	87,21,23		0 hrs	\$0	\$0	\$0	\$0	\$0								
91	8	1.1.6	FN	T4 - [Conclusion ] - Conclusion of MICE Step IV Operations	12/21/16	12/21/16	0 d	0%	3SS+308 d	55		0 hrs	\$0	\$0	\$0	\$0	\$0								
99	9	1.2		<b>Project Planning</b>	12/4/15	4/15/16	90 d	0%				0 hrs	\$0	\$0	\$0	\$0	\$0								
103	10	1.2.1	FN	Negotiate Design Team (FNAL - Labor)	12/4/15	1/22/16	30 d	0%	6	17,28,29,13,11	FNAL_N_GARBI	0 hrs	\$0	\$0	\$0	\$0	\$0								
125	11	1.2.2	FN	T4 - [Ready] - Negotiate Design Team	1/22/16	1/22/16	0 d	0%	10	12FS+10 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
126	12	1.2.3	FN	T4 - [Required] - Negotiate Design Team	2/5/16	2/5/16	0 d	0%	11FS+10 d	19,30,38		0 hrs	\$0	\$0	\$0	\$0	\$0								
100	13	1.2.4	FN	Negotiate Fabrication - Assembly - Testing Teams (FNAL - Labor)	1/22/16	3/4/16	30 d	0%	10	31,32,42,43,16,14	FNAL_N_GARBI	0 hrs	\$0	\$0	\$0	\$0	\$0								
123	14	1.2.5	FN	T4 - [Ready] - Negotiate Fabrication - Assembly - Testing Teams	3/4/16	3/4/16	0 d	0%	13	15FS+10 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
124	15	1.2.6	FN	T4 - [Required] - Negotiate Fabrication - Assembly - Testing Teams	3/18/16	3/18/16	0 d	0%	14FS+10 d	19,31,42		0 hrs	\$0	\$0	\$0	\$0	\$0								
107	16	1.2.7	FN	Negotiate Magnet Re-Build Team (FNAL - Labor)	3/4/16	4/15/16	30 d	0%	13	55	FNAL_N_GARBI	0 hrs	\$0	\$0	\$0	\$0	\$0								
101	17	1.2.8	FN	T4 - [Ready] - SS Recovery Teams in Place	1/22/16	1/22/16	0 d	0%	10	18FS+10 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
102	18	1.2.9	FN	T4 - [Required] - SS Recovery Teams in Place	2/5/16	2/5/16	0 d	0%	17FS+10 d	19,55		0 hrs	\$0	\$0	\$0	\$0	\$0								
127	19	1.2.10	FN	T3 - [Required] - All SS Recovery Teams in Place	3/18/16	3/18/16	0 d	0%	12,15,18	55		0 hrs	\$0	\$0	\$0	\$0	\$0								
137	20	1.3		<b>Quench Protection and Power Supply System Modifications</b>	12/21/15	4/15/16	80 d	0%				360 hrs	\$0	\$57,800	\$64,246	\$89,945									
138	21	1.3.1	FN	Quench Protection System Channel Expansion (FNAL - Labor)	12/21/15	3/18/16	60 d	0%	7	22SS,25	REPAIR_MECH_	216 hrs	\$0	\$21,960	\$22,663	\$31,728									
143	22	1.3.2	FN	Quench Protection System Channel Expansion (FNAL - M&S)	12/21/15	3/18/16	60 d	0%	21SS	25	REPAIR_MS_ST	0 hrs	\$10,000	\$10,000	\$12,618	\$17,666									
139	23	1.3.3	FN	External Diode Tray Upgrade (FNAL - Labor)	12/21/15	3/18/16	60 d	0%	7	25,24SS	REPAIR_MECH_	144 hrs	\$0	\$15,840	\$16,347	\$22,886									
140	24	1.3.4	FN	External Diode Tray Upgrade (FNAL - M&S)	12/21/15	3/18/16	60 d	0%	23SS	25	REPAIR_MS_ST	0 hrs	\$10,000	\$10,000	\$12,618	\$17,666									
141	25	1.3.5	FN	T4 - [Ready] - QPS and PSU Modifications Complete	3/18/16	3/18/16	0 d	0%	21,22,23,24	26FS+20 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
142	26	1.3.6	FN	T4 - [Required] - QPS and PSU Modifications Complete	4/15/16	4/15/16	0 d	0%	25FS+20 d	143		0 hrs	\$0	\$0	\$0	\$0	\$0								
108	27	1.4		<b>Cold Mass #1 Manufacture and Testing</b>	1/25/16	4/14/17	310 d	0%				7,010 hrs	\$0	\$1,098,610	\$1,199,283	\$1,678,997									
109	28	1.4.1	FN	Engineering Analysis of Improvements to Known - Potential Issues (FNAL - Labor)	1/25/16	3/18/16	40 d	0%	10	30FF	REPAIR_PHYSIC	300 hrs	\$0	\$55,200	\$56,966	\$79,753									
112	29	1.4.2	FN	Mock-up Coil Winding (FNAL - Labor)	1/25/16	4/15/16	60 d	0%	10	30FF	REPAIR_PHYSIC	760 hrs	\$0	\$91,660	\$94,593	\$132,430									
113	30	1.4.3	FN	Bobbin - Design Phase (FNAL - Labor)	2/8/16	4/15/16	50 d	0%	28FF,29FF,12	31,39	REPAIR_PHYSIC	1,180 hrs	\$0	\$168,800	\$174,202	\$243,882									
114	31	1.4.4	FN	Bobbin - Manufacturing Phase (FNAL - Labor)	5/9/16	9/28/16	100 d	0%	30,41,13,15	32SS,43SS,33	REPAIR_PROCE	1,920 hrs	\$0	\$169,200	\$174,614	\$244,460									
120	32	1.4.5	FN	Bobbin - Forging - Misc (FNAL - M&S)	5/9/16	9/28/16	100 d	0%	31SS,41,13	33	REPAIR_MS_ST	0 hrs	\$100,000	\$100,000	\$126,183	\$176,656									
128	33	1.4.6	FN	T4 - [Ready] - Complete Bobbin - Manufacturing Phase	9/28/16	9/28/16	0 d	0%	31,32	34FS+20 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
129	34	1.4.7	FN	T4 - [Required] - Complete Bobbin - Manufacturing Phase	10/26/16	10/26/16	0 d	0%	33FS+20 d	35,51		0 hrs	\$0	\$0	\$0	\$0	\$0								
119	35	1.4.8	FN	Bobbin - Cold Test (FNAL - Labor)	10/27/16	1/12/17	50 d	0%	34	36		0 hrs	\$0	\$0	\$0	\$0	\$0								
132	36	1.4.9	FN	T4 - [Ready] - Complete Bobbin - Cold Test	1/12/17	1/12/17	0 d	0%	35	37FS+15 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
133	37	1.4.10	FN	T4 - [Required] - Complete Bobbin - Cold Test	2/3/17	2/3/17	0 d	0%	36FS+15 d	47		0 hrs	\$0	\$0	\$0	\$0	\$0								
115	38	1.4.11	FN	LHe Vessel - Design Phase (FNAL - Labor)	2/8/16	4/1/16	40 d	0%	12	42,39	REPAIR_PHYSIC	1,090 hrs	\$0	\$160,450	\$165,584	\$231,818									
118	39	1.4.12	FN	Technical - Design Review (FNAL - Labor)	4/18/16	4/22/16	5 d	0%	30,38	40	REPAIR_REVIEW	400 hrs	\$0	\$59,000	\$60,888	\$85,243									
110	40	1.4.13	FN	T3 - [Ready] - Complete Technical - Design Review	4/22/16	4/22/16	0 d	0%	39	41FS+10 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
111	41	1.4.14	FN	T3 - [Required] - Complete Technical - Design Review	5/6/16	5/6/16	0 d	0%	40FS+10 d	31,32,43,42		0 hrs	\$0	\$0	\$0	\$0	\$0								
116	42	1.4.15	FN	LHe Vessel - Manufacturing Phase (FNAL - Labor)	5/9/16	8/30/16	80 d	0%	38,41,13,15	45	REPAIR_PROCE	440 hrs	\$0	\$40,200	\$41,486	\$58,081									
121	43	1.4.16	FN	LHe Vessel - Manufacturing Phase (FNAL - M&S)	5/9/16	8/30/16	80 d	0%	31SS,41,13	45,44SS	REPAIR_MS_ST	0 hrs	\$40,000	\$40,000	\$50,473	\$70,662									
136	44	1.4.17	FN	Glass Insulation of Conductor - Heaters - Vacuum Impreg Tools (FNAL - M&S)	5/9/16	8/30/16	80 d	0%	43SS	45	REPAIR_MS_ST	0 hrs	\$133,500	\$133,500	\$168,454	\$235,836									
130	45	1.4.18	FN	T4 - [Ready] - Complete Vessel - Manufacturing Phase	8/30/16	8/30/16	0 d	0%	42,43,44	46FS+20 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
131	46	1.4.19	FN	T4 - [Required] - Complete Vessel - Manufacturing Phase	9/28/16	9/28/16	0 d	0%	45FS+20 d	47		0 hrs	\$0	\$0	\$0	\$0	\$0								
117	47	1.4.20	FN	LHe Vessel - Assembly Phase (FNAL - Labor)	2/6/17	3/31/17	40 d	0%	37,46	48	REPAIR_SUPER	920 hrs	\$0	\$80,600	\$85,839	\$120,175									
134	48	1.4.21	FN	T4 - [Ready] - Complete LHe Vessel - Assembly Phase	3/31/17	3/31/17	0 d	0%	47	49FS+10 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
135	49	1.4.22	FN	T4 - [Required] - Complete LHe Vessel - Assembly Phase	4/14/17	4/14/17	0 d	0%	48FS+10 d	89		0 hrs	\$0	\$0	\$0	\$0	\$0								
95	50	1.5		<b>Cold Mass #2 Manufacture and Testing</b>	10/27/16	10/27/16	1 d	0%				0 hrs	\$0	\$0	\$0	\$0	\$0								
96	51	1.5.1	FN	TBD (FNAL - Labor)	10/27/16	10/27/16	1 d	0%	34	52		0 hrs	\$0	\$0	\$0	\$0	\$0								
97	52	1.5.2	FN	T4 - [Ready] - Complete Cold Mass #2	10/27/16	10/27/16	0 d	0%	51	53		0 hrs	\$0	\$0	\$0	\$0	\$0								
98	53	1.5.3	FN	T4 - [Required] - Complete Cold Mass #2	10/27/16	10/27/16	0 d	0%	52	143		0 hrs	\$0	\$0	\$0	\$0	\$0								
2	54	1.6		<b>Magnet Relocation</b>	12/22/16	2/23/17	41 d	0%				0 hrs	\$0	\$45,000	\$57,802	\$80,923									
7	55	1.6.1	FN	Magnet Warm-up (FNAL - Labor)	12/22/16	1/10/17	10 d	0%	8,16,19,18	58SS,56		0 hrs	\$0	\$0	\$0	\$0	\$0								
10	56	1.6.2	FN	T4 - [Ready] - Complete Magnet Warm-up	1/10/17	1/10/17	0 d	0%	55	57FS+4 d		0 hrs	\$0	\$0	\$0	\$0	\$0								
11	57	1.6.3	FN	T4 - [Required] - Complete Magnet Warm-up	1/17/17	1/17/17	0 d	0%	56FS+4 d	63		0 hrs	\$0	\$0	\$0	\$0	\$0								

UID	ID	WBS	Resp Instit Name/Code	Name	Start	Finish	Duration	% Complete	Predecessors	Successors	Resource Names	Work	Fixed Cost	Base Costs (All-Institutions)	TPC (NoContingency)	TPC (+Contingency)	2016				2017				20	
																	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
28	77	1.7.13	FN	Grind off shield end plate welds (FNAL - Labor)	3/24/17	3/24/17	1 d	0%	76	78	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
29	78	1.7.14	FN	Remove shield end plates and bore (FNAL - Labor)	3/27/17	3/27/17	1 d	0%	77	79	FNTD_MECH_A	9 hrs	\$0	\$871	\$928	\$1,299										
30	79	1.7.15	FN	Support cold mass independent of vessel (FNAL - Labor)	3/28/17	3/29/17	2 d	0%	78	80	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
31	80	1.7.16	FN	Disconnect shield supports and fixture to cold mass (FNAL - Labor)	3/30/17	3/30/17	1 d	0%	79	81	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
32	81	1.7.17	FN	Disconnect cold mass supports (FNAL - Labor)	3/31/17	4/3/17	2 d	0%	80	82	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
33	82	1.7.18	FN	Remove vessel from around cold mass/shield assembly (FNAL - Labor)	4/4/17	4/4/17	1 d	0%	81	83	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
34	83	1.7.19	FN	Remove shield from around cold mass (FNAL - Labor)	4/5/17	4/5/17	1 d	0%	82	84	FNTD_MECH_A	9 hrs	\$0	\$871	\$928	\$1,299										
37	84	1.7.20	FN	T4 - [Ready] - Complete Magnet Disassembly	4/5/17	4/5/17	0 d	0%	83	85FS+11 d		0 hrs	\$0	\$0	\$0	\$0										
38	85	1.7.21	FN	T4 - [Required] - Complete Magnet Disassembly	4/20/17	4/20/17	0 d	0%	84FS+11 d	90		0 hrs	\$0	\$0	\$0	\$0										
4	86	1.8		<b>Magnet Re-Assembly</b>	<b>12/18/15</b>	<b>8/30/17</b>	<b>426 d</b>	<b>0%</b>				<b>1,258 hrs</b>	<b>\$0</b>	<b>\$126,032</b>	<b>\$134,224</b>	<b>\$187,914</b>										
39	87	1.8.1	FN	T4 - [Start] - Procurement for Magnet Re-assembly	12/18/15	12/18/15	0 d	0%	7	88,89		0 hrs	\$0	\$0	\$0	\$0										
76	88	1.8.2	FN	M&S for Material Procurement (FNAL - M&S)	12/21/15	3/31/16	69 d	0%	87	124,89		0 hrs	\$0	\$0	\$0	\$0										
41	89	1.8.3	FN	Prep new cold mass for MLI wrap, mount sensors (FNAL - Labor)	4/17/17	4/20/17	4 d	0%	87,88,49	90	FNTD_MECH_A	72 hrs	\$0	\$6,968	\$7,421	\$10,389										
40	90	1.8.4	FN	Wrap MLI on cold mass (FNAL - Labor)	4/21/17	4/27/17	5 d	0%	89,85	91	FNTD_MECH_A	90 hrs	\$0	\$8,710	\$9,276	\$12,987										
42	91	1.8.5	FN	Support thermal shield over cold mass (FNAL - Labor)	4/28/17	5/1/17	2 d	0%	90	92	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
43	92	1.8.6	FN	Wrap MLI on thermal shield (FNAL - Labor)	5/2/17	5/8/17	5 d	0%	91	93	FNTD_MECH_A	90 hrs	\$0	\$8,710	\$9,276	\$12,987										
44	93	1.8.7	FN	Wrap cold mass supports with MLI (FNAL - Labor)	5/9/17	5/10/17	2 d	0%	92	94	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
45	94	1.8.8	FN	Install cold mass supports in vacuum vessel (FNAL - Labor)	5/11/17	5/11/17	1 d	0%	93	95	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
46	95	1.8.9	FN	Suspend vacuum vessel over cold mass/shield (FNAL - Labor)	5/12/17	5/15/17	2 d	0%	94	96	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
47	96	1.8.10	FN	Install supports between shield and vacuum vessel (FNAL - Labor)	5/16/17	5/16/17	1 d	0%	95	97	FNTD_MECH_A	18 hrs	\$0	\$1,672	\$1,781	\$2,493										
48	97	1.8.11	FN	Connect supports to cold mass (FNAL - Labor)	5/17/17	5/18/17	2 d	0%	96	98	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
49	98	1.8.12	FN	Align cold mass and preload supports (FNAL - Labor)	5/19/17	5/19/17	1 d	0%	97	99	FNTD_MECH_A	20 hrs	\$0	\$2,124	\$2,262	\$3,167										
50	99	1.8.13	FN	Measure magnet fiducials (FNAL - Labor)	5/22/17	5/23/17	2 d	0%	98	100	FNPD_METROL	20 hrs	\$0	\$2,124	\$2,262	\$3,167										
51	100	1.8.14	FN	Weld cold mass support cover disks (FNAL - Labor)	5/24/17	5/24/17	1 d	0%	99	101	FNTD_WELDER	10 hrs	\$0	\$1,630	\$1,736	\$2,430										
52	101	1.8.15	FN	Connect intercept straps to thermal shield (FNAL - Labor)	5/25/17	5/25/17	1 d	0%	100	102	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
53	102	1.8.16	FN	Add MLI to exposed supports, etc. (FNAL - Labor)	5/26/17	5/30/17	2 d	0%	101	103	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
54	103	1.8.17	FN	Route temperature sensor wires to feedthroughs (FNAL - Labor)	5/31/17	6/1/17	2 d	0%	102	104	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
55	104	1.8.18	FN	Install reflective material in cold mass bore (FNAL - Labor)	6/2/17	6/2/17	1 d	0%	103	105	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
56	105	1.8.19	FN	Align vacuum vessel end plates for pinning (FNAL - Labor)	6/5/17	6/6/17	2 d	0%	104	106	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
57	106	1.8.20	FN	Wrap shield bore with MLI (FNAL - Labor)	6/7/17	6/7/17	1 d	0%	105	107	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
58	107	1.8.21	FN	Install and weld shield end plates and bore (FNAL - Labor)	6/8/17	6/9/17	2 d	0%	106	108	FNTD_MECH_A	44 hrs	\$0	\$4,732	\$5,040	\$7,055										
59	108	1.8.22	FN	Install MLI on shield end plates (FNAL - Labor)	6/12/17	6/14/17	3 d	0%	107	109	FNTD_MECH_A	54 hrs	\$0	\$5,226	\$5,566	\$7,792										
60	109	1.8.23	FN	Wrap warm bore with MLI (FNAL - Labor)	6/15/17	6/15/17	1 d	0%	108	110	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
61	110	1.8.24	FN	Install and weld vacuum vessel end plates and bore (FNAL - Labor)	6/16/17	6/21/17	4 d	0%	109	111	FNTD_MECH_A	86 hrs	\$0	\$7,946	\$8,463	\$11,848										
62	111	1.8.25	FN	Weld cryocooler sleeves to cold mass (FNAL - Labor)	6/22/17	6/22/17	1 d	0%	110	112	FNTD_MECH_A	18 hrs	\$0	\$2,310	\$2,460	\$3,444										
63	112	1.8.26	FN	Weld vent and fill lines from cold mass to tower (FNAL - Labor)	6/23/17	6/23/17	1 d	0%	111	113	FNTD_MECH_A	18 hrs	\$0	\$2,310	\$2,460	\$3,444										
64	113	1.8.27	FN	Leak check cold mass and associated welds (FNAL - Labor)	6/26/17	6/27/17	2 d	0%	112	114	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
65	114	1.8.28	FN	Route cold mass sensor wires to feedthroughs (FNAL - Labor)	6/28/17	6/29/17	2 d	0%	113	115	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
66	115	1.8.29	FN	Connect intercepts for fill and vent lines to shield (FNAL - Labor)	6/30/17	6/30/17	1 d	0%	114	116	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
67	116	1.8.30	FN	Install and weld connections from 1st stage to shield (FNAL - Labor)	7/3/17	7/5/17	2 d	0%	115	117	FNTD_MECH_A	36 hrs	\$0	\$4,620	\$4,920	\$6,888										
68	117	1.8.31	FN	Install HTS leads and lower thermal intercepts (FNAL - Labor)	7/6/17	7/7/17	2 d	0%	116	118	FNTD_MECH_A	36 hrs	\$0	\$3,484	\$3,711	\$5,195										
69	118	1.8.32	FN	Install HTS lead voltage taps, route to feedthroughs (FNAL - Labor)	7/10/17	7/10/17	1 d	0%	117	119	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
70	119	1.8.33	FN	Install 1st stage temperature sensors, route to feedthroughs (FNAL - Labor)	7/11/17	7/11/17	1 d	0%	118	120	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
71	120	1.8.34	FN	Install MLI in tower box around shield (FNAL - Labor)	7/12/17	7/14/17	3 d	0%	119	121	FNTD_MECH_A	54 hrs	\$0	\$5,226	\$5,566	\$7,792										
72	121	1.8.35	FN	Install and weld tower side plates (FNAL - Labor)	7/17/17	7/18/17	2 d	0%	120	122	FNTD_MECH_A	52 hrs	\$0	\$5,980	\$6,369	\$8,916										
73	122	1.8.36	FN	Install tower cover plate with vacuum components (FNAL - Labor)	7/19/17	7/19/17	1 d	0%	121	123	FNTD_MECH_A	18 hrs	\$0	\$1,742	\$1,855	\$2,597										
94	123	1.8.37	FN	Leak check vacuum vessel (FNAL - Labor)	7/20/17	7/24/17	3 d	0%	122	124	FNTD_MECH_A	54 hrs	\$0	\$5,226	\$5,566	\$7,792										
74	124	1.8.38	FN	T4 - [Ready] - Complete Magnet Re-Assembly	7/24/17	7/24/17	0 d	0%	88,123	125FS+27 d		0 hrs	\$0	\$0	\$0	\$0										
75	125	1.8.39	FN	T4 - [Required] - Complete Magnet Re-Assembly	8/30/17	8/30/17	0 d	0%	124FS+27 d	127		0 hrs	\$0	\$0	\$0	\$0										
5	126	1.9		<b>Magnet Relocation to MICE Hall</b>	<b>8/31/17</b>	<b>11/8/17</b>	<b>49 d</b>	<b>0%</b>				<b>0 hrs</b>	<b>\$0</b>	<b>\$40,000</b>	<b>\$51,380</b>	<b>\$71,931</b>										
77	127	1.9.1	FN	Magnet Relocation to MICE Hall (FNAL - M&S)	8/31/17	9/21/17	15 d	0%	125	128	FN_MS_STND_F	0 hrs	\$40,000	\$40,000	\$51,380	\$71,931										
78	128	1.9.2	FN	T4 - [Ready] - Complete Magnet Relocation to MICE Hall	9/21/17	9/21/17	0 d	0%	127	129FS+6 d		0 hrs	\$0	\$0	\$0	\$0										
79	129	1.9.3	FN	T4 - [Required] - Complete Magnet Relocation to MICE Hall	9/29/17	9/29/17	0 d	0%	128FS+6 d	130		0 hrs	\$0	\$0	\$0	\$0										