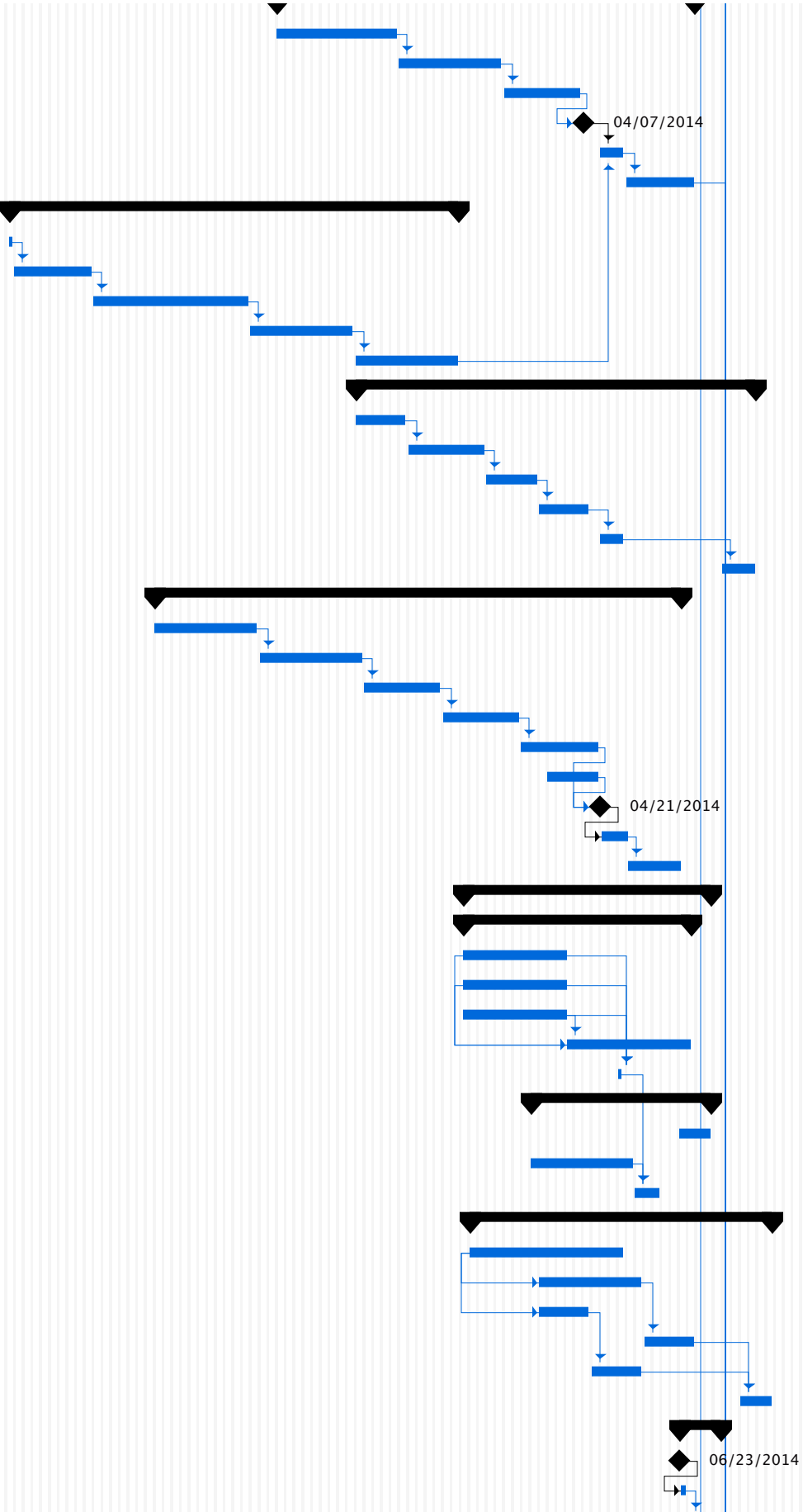


[illegible]

48		Chamber support and alignment system	240 d	08/03/2013	07/04/2014	
49	!	Design support and alignment	70 d	08/05/2013	11/08/2013	
50	!	Procure support and alignment	60 d	11/11/2013	01/31/2014	49
51	!	Fabricate support and alignment	45 d	02/03/2014	04/04/2014	50
52	!	Support and alignment ready	1 d	04/07/2014	04/07/2014	51
53	!	Move chamber and support to SNS	15 d	04/21/2014	05/09/2014	52; 60
54	!	Install support to common stand	40 d	05/12/2014	07/04/2014	53
55		Wire frames	257 d	01/03/2013	12/27/2013	
56		Frames procured	0 d	01/03/2013	01/03/2013	
57	!	Matal coating	45 d	01/07/2013	03/08/2013	56
58		Install wires	90 d	03/11/2013	07/12/2013	57
59		install and align frames to chamber	60 d	07/15/2013	10/04/2013	58
60		Test chamber in bench	60 d	10/07/2013	12/27/2013	59
61		Gas handling system	230 d	10/07/2013	08/22/2014	
62	!	Design	30 d	10/07/2013	11/15/2013	
63	!	Procure and fabricate gas handling system	45 d	11/18/2013	01/17/2014	62
64	!	Assemble system	30 d	01/20/2014	02/28/2014	63
65	!	Test gas handling system	30 d	03/03/2014	04/11/2014	64
66	!	Move gas handling system to SNS	15 d	04/21/2014	05/09/2014	65
67	!	Install gas handling system to cave	20 d	07/28/2014	08/22/2014	66
68		ELECTRONICS	301 d	04/29/2013	06/23/2014	
69	!	Design preamplifier prototype	60 d	04/29/2013	07/19/2013	
70	!	Prototype R&D	60 d	07/22/2013	10/11/2013	69
71	!	Final design of preamps	45 d	10/14/2013	12/13/2013	70
72	!	Procure circuite boards	45 d	12/16/2013	02/14/2014	71
73	!	Bench testing of preamps	45 d	02/17/2014	04/18/2014	72
74	!	Procure cables and connectors	30 d	03/10/2014	04/18/2014	
75	!	Preamplifiers ready	1 d	04/21/2014	04/21/2014	73; 74
76	!	Move to SNS	15 d	04/22/2014	05/12/2014	75
77	!	Testing with chamber	30 d	05/13/2014	06/23/2014	76
78		DAQ	143 d	01/01/2014	07/18/2014	
79		Digitization	130 d	01/01/2014	07/01/2014	
80	!	Procure crae + 2x 96ch digitizer cards	60 d	01/01/2014	03/25/2014	
81	!	Test trigger module from NPDGamma	60 d	01/01/2014	03/25/2014	
82	!	Procure auxiliary electronics	60 d	01/01/2014	03/25/2014	
83	!	Test and develop software	70 d	03/26/2014	07/01/2014	80SS; 81SS;
84	!	DAQ ready	0 d	05/05/2014	05/05/2014	80; 81; 82
85		Data transfer and storage	105 d	02/24/2014	07/18/2014	
86	!	Test NPDGamma work stations	20 d	06/23/2014	07/18/2014	
87	!	Procure RAID storage array	60 d	02/24/2014	05/16/2014	
88	!	Move DAQ to SNS	15 d	05/19/2014	06/06/2014	84; 87
89		SHIELDING AND COLLIMATION	175 d	01/06/2014	09/05/2014	
90	!	Calculate neutron shieldin and collimation	90 d	01/06/2014	05/09/2014	
91	!	Design collimation	60 d	03/03/2014	05/23/2014	90SS
92	!	Design neutron shielding	30 d	03/03/2014	04/11/2014	90SS
93		Construct collimation	30 d	05/26/2014	07/04/2014	91
94		Construct shieldings	30 d	04/14/2014	05/23/2014	92
95	!	Instal collimation and shielding	20 d	08/11/2014	09/05/2014	93; 94
96		NPDGAMMA PARTIAL REMOVAL	25 d	06/23/2014	07/25/2014	
97	!	Beam cycle over	1 d	06/23/2014	06/23/2014	
98	!	Open cave	4 d	06/24/2014	06/27/2014	97



99	!	Remove part of NPDGamma	15 d	06/30/2014	07/18/2014	98	
100	!	Move beam stop if needed	5 d	07/21/2014	07/25/2014	99	
101		Cave ready for n-3H	0 d	07/25/2014	07/25/2014	100	
102		MOVE N-3HE SET UP TO CAVE'	17 d	08/01/2014	08/26/2014		
103	!	n-3He assembly ready for installation	0 d	08/01/2014	08/01/2014	3; 10; 26;	
104	!	Crane n-3He assembly in	5 d	08/04/2014	08/08/2014	99; 103	
105	!	Align and bolting on floor	5 d	08/11/2014	08/15/2014	104	
106	!	Install Theodolite stand	2 d	08/18/2014	08/19/2014	105	
107		N-3He setup installed	0 d	08/19/2014	08/19/2014	105; 106	
108	!	Close cave	5 d	08/20/2014	08/26/2014	107	
109		ALIGNMENTS AND TESTING IN CAVE	40 d	08/20/2014	10/14/2014		
110		Testing	20 d	08/20/2014	09/16/2014	107	
111		Field mappings	20 d	09/17/2014	10/14/2014	110	
112		Experiment ready for IRR	0 d	10/14/2014	10/14/2014	111	
113		IRR	56 d	08/04/2014	10/20/2014		
114	!	Prepare for IRR	45 d	08/04/2014	10/03/2014		
115	!	IRR	10 d	10/06/2014	10/17/2014	6; 114	
116	!	Ready for beam	0 d	10/20/2014	10/20/2014	112; 115	
117		COMMISSIONING	38 d	10/21/2014	12/11/2014		
118		Forward beam scan	4 d	10/21/2014	10/24/2014	116	
119		Rear beam scan	4 d	10/27/2014	10/30/2014	118	
120	!	Theodolite alignment	2 d	10/31/2014	11/03/2014	119	
121		Field alignment	4 d	11/04/2014	11/07/2014	120	
122		Chamber alignment	4 d	11/10/2014	11/13/2014	121	
123		Spin rotator tuning	10 d	11/14/2014	11/27/2014	122	
124		Polarimentry	10 d	11/28/2014	12/11/2014	123	
125		Commissioning done	0 d	12/11/2014	12/11/2014	124	
126		Take physics data	0 d	12/11/2014	12/11/2014		
127		Transverse field parity-conserving asymmetry	0 d	12/11/2014	12/11/2014	125	
128		Longitudinal parity violating asymmetry	0 d?	12/11/2014	12/11/2014	127	

