

ID	WBS	Task Name	Duration	Start	Finish	Cost Center	Fixed Cost	Cost	Text10	2017				2018				2019				2020				2021				
										Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
1		1 MAPS Inner Barrel	1217 days	Mon 10/3/16	Tue 6/1/21		\$0.00	\$4,835,948.24																						
2	1.11	MAPS Inner Barrel Starts	0 days	Sat 10/1/16	Sat 10/1/16		\$0.00	\$0.00	10/1																					
3	1.10	MAPS Inner Barrel Ends	0 days	Tue 6/1/21	Tue 6/1/21		\$0.00	\$0.00																						
4	1.1	Milestones of sPHENIX	1216 days	Mon 10/3/16	Tue 6/1/21		\$0.00	\$0.00	10/3																					
5	1.1.1	sPHENIX Technical Design CD-0	0 days	Tue 11/1/16	Tue 11/1/16		\$0.00	\$0.00	CD-0 (11/2	CD-0 (11/2016)																				
6	1.1.2	sPHENIX Technical Design (CD-1/CD-3a)	0 days	Wed 11/1/17	Wed 11/1/17		\$0.00	\$0.00	CD-1 (11/2					CD-1 (11/2017)																
7	1.1.3	sPHENIX Technical Dewsgin (CD-2)	0 days	Mon 7/2/18	Mon 7/2/18		\$0.00	\$0.00	CD-2 (7/20									CD-2 (7/2018)												
8	1.1.4	sPHENIX Start Construction (CD-3b)	0 days	Wed 8/1/18	Wed 8/1/18		\$0.00	\$0.00	CD-3b (8/2									CD-3b (8/2018)												
9	1.1.5	sPHENIX Installation	0 days	Tue 6/1/21	Tue 6/1/21		\$0.00	\$0.00	ready for b																	sPHENIX Insta				
10	1.1.6	ALICE ITS Inner Barrel Construction	261 days	Mon 1/2/17	Mon 1/1/18		\$0.00	\$0.00	ITS constr	ITS construction																				
11	1.1.9	ALICE ITS Electronics Pre-Production	100 days	Wed 2/22/17	Tue 7/11/17		\$0.00	\$0.00	ITS Electr	ITS Electronics Pre-Production																				
12	1.1.8	ALICE ITS Electronics Production	240 days	Thu 7/13/17	Wed 6/13/18		\$0.00	\$0.00	ITS Electr	ITS Electronics Production																				
13	1.1.7	LANL LDRD	781 days	Mon 10/3/16	Mon 9/30/19	LDRD	\$0.00	\$0.00	LDRD	LDRD																				
14	1.1.11	sPHENIX Test Beam	21 days	Fri 2/1/19	Fri 3/1/19	LDRD	\$0.00	\$0.00																						
15	1.2	Project Management	1217 days	Mon 10/3/16	Tue 6/1/21		\$0.00	\$671,784.00	sPHENIX																	sPHENIX MAP				
19	1.3	Design & Prototyping	363 days?	Mon 10/3/16	Wed 2/21/18	LDRD	\$0.00	\$980,090.91	LDRD/R&D	LDRD/R&D																				
20	1.3.1	MOU btw LANL/sPHENIX and ALICE	60 days?	Mon 10/3/16	Fri 12/23/16	LDRD	\$0.00	\$0.00	12/23																					
21	1.3.2	Readout Test Stand	65 days	Mon 10/3/16	Fri 12/30/16	LDRD	\$0.00	\$45,600.00																						
25	1.3.3	Detector Staves	190 days?	Mon 12/26/16	Fri 9/15/17	LDRD	\$0.00	\$147,000.00																						
29	1.3.4	Electronics	363 days	Mon 10/3/16	Wed 2/21/18	LDRD	\$0.00	\$360,890.91																						
62	1.3.5	Ancillaries	64 days	Tue 10/4/16	Fri 12/30/16	LDRD	\$0.00	\$56,200.00																						
66	1.3.6	Mechanics	227 days	Mon 10/3/16	Tue 8/15/17	LDRD	\$0.00	\$370,400.00																						
92	1.4	Prototype Assembly	50 days	Tue 2/6/18	Mon 4/16/18	LDRD	\$0.00	\$72,000.00																						
96	1.5	Test Beam Operation	35 days	Fri 1/11/19	Thu 2/28/19	LDRD	\$0.00	\$30,800.00																						
100	1.6	sPHENIX Mechanics Integration	42 days?	Wed 4/18/18	Thu 6/14/18		\$0.00	\$50,000.00																						
106	1.7	MAPS Inner Barrel Review	12 days	Fri 6/15/18	Mon 7/2/18		\$0.00	\$28,000.00																						
110	1.8	Productions	661 days?	Wed 8/1/18	Wed 2/10/21		\$0.00	\$3,003,273.33	Productio	Production																				
144	1.9	Ready for beam	0 days	Wed 2/10/21	Wed 2/10/21		\$0.00	\$0.00																		2/10				