

	WBS	Activity Name	Duration (Days)	Start Date	Finish Date	2014	2015				2016				2017				2018			
						Fourth Q	First Q	Second Q	Third Q	Fourth Q	First Q	Second Q	Third Q	Fourth Q	First Q	Second Q	Third Q	Fourth Q	First Q	Second Q	Third Q	Fourth Q
1	1	Project Management...																				
6	2	Civil Infrastructure	227.00	1/1/15	11/13/15																	
7	2.1	Selective demolition work in existing injector test cave...	107.00	1/1/15	5/29/15																	
12	2.2	Test Cave - Structure, Utilities, Roof ...	227.00	1/1/15	11/13/15																	
20	2.3	Cryogenics...	193.00	1/5/15	9/30/15																	
28	2.4	LCW...	66.00	5/1/15	7/31/15																	
32	3	Personnel Safety System...	44.00	5/1/15	7/1/15																	
35	4	ODH System	131.00	3/2/15	8/31/15																	
36	4.1	ODH Assesment	33.00	3/2/15	4/15/15																	
37	4.2	OHD Procurement & Installation	87.00	5/1/15	8/31/15																	
38	5	Accelerator Systems...	308.00	12/11/14	2/15/16																	
71	6	Drive laser...	44.00	8/3/15	10/1/15																	
76	7	RF Systems	132.00	4/1/15	10/1/15																	
77	7.1	HPA...	89.00	4/1/15	8/3/15																	
80	7.2	Klystrons...	67.00	6/1/15	9/1/15																	
83	7.3	2 - 200 watt SS amps for Chopper																				
84	7.4	Low level RF control	89.00	6/1/15	10/1/15																	
85	7.5	Master oscillator	88.00	6/1/15	9/30/15																	
86	7.6	Interfaces, interlocks & cabling	44.00	4/1/15	6/1/15																	
87	8	Controls...	185.00	4/1/15	12/15/15																	
92	9	Commissioning	158.00	9/15/15	4/21/16																	
93	9.1	Gun through buncher	34.00	9/15/15	10/30/15																	
94	9.2	1/4 Cryomodule commissioned	30.00	12/1/15	1/11/16																	
95	9.3	10 MeV beam to Faraday cup	59.00	2/1/16	4/21/16																	
96	10	Experimnt installation	60.00	3/1/16	5/23/16																	
97	11	Operations...	783.00	6/1/16	5/31/19																	
						Fourth Q	First Q	Second Q	Third Q	Fourth Q	First Q	Second Q	Third Q	Fourth Q	First Q	Second Q	Third Q	Fourth Q	First Q	Second Q	Third Q	Fourth Q

**Optimistic Schedule**  
**The test cave & cryo (including ODH system) completed FY15. LLFR & HPA procurements begin in Q2 FY15 with deliveries 12 to 16 weeks out. 1/4 CM commisioning in Q1 FY16**  
**First HDIce operations Q3 FY16**  
**Operations complete in Q3 FY19**