

LSD Schedule Status

22 August 2013

D. Owens (Napier)



LSD Schedule Overview – End of July

LSD July 2013 Progress % Complete based on Labor Hours

				Physical %		Weeks	Ahead/Behind wrt Labor		2012			Т			201	13		\neg
	Activity Name	Start Date	Finish Date	Complete	Float	Ahead/Behind	Hours	5 6	7 8	9	1011	12	1 2	3 4	56	7 8	910	112
1	Milestones	5/21/12	12/23/14	0%				7			Ť	П					Ħ	Ħ
2	Long ShutDown	5/21/12	9/18/13	68.79%		~2 1/2 months behind schedule	1800.89 weeks behind scheduled effort	÷			Ť					ı	П	П
3	12GeV Acc HCO	9/13/13	10/24/13	0%				П	П	П	1	П	П	Т	П	17	Ŧ	П
4	12GeV Acc Commissioing	10/25/13	12/2/13	0%					П	П		П	П				Ti	Ħ
5	12GeV Beam To Hall A Start	2/10/14	2/10/14	0%		A.]	Freyberger	\$	¢.	h	d		ψĺ	e			П	П
6	12GeV Beam To Hall D Start	11/26/14	11/26/14	0%														\prod
7	12GeV CD-4A	12/23/14	12/23/14	0%					П	П		П	\prod		\prod		\prod	\prod
8	12 GeV Accelerator -	5/4/12	8/29/13	83.46%	9 days to end of down	~ 4 weeks behind	22.18 weeks behind	H	Н	H	4	Н	Π	+	\blacksquare	717	\blacksquare	Π
9	Cryomodules	3/4/12	0/29/13	65.46%	s days to end or down	schedule	scheduled effort	Ť	П	П	Ï	П		Ť		fi		
10	12 GeV Accelerator - RF Systems	3/1/11	10/3/13	86.38%	-15 days to end of down	4 weeks behind schedule	25.65 weeksbehind scheduled effort				Ī						1	П
11	12 GeV Accelerator - Beam Transport	5/18/12	10/18/13	85.11%	-22 days of float - to final alignment/end of down	~ 8 weeks behind schedule	162.71 weeks behind scheduled effort				T					ı		П
12	12 GeV Accelerator - I,C, & S	10/1/10	9/22/14	71.20%	5 days to end of down	~ 8 weeks behind schedule	125 weeks behind scheduled effort				I							
13	Accelerator Maintenance	5/18/12	12/3/13	45.29%	0 days to end of down	5 months behind	939.6 weeks behind	Н	П	П	П	П	П	_	Ш	41	П	Π
14	Accelerator Maintenance	3/10/12	123/13	40.23%	(Relative Activities)	schedule	scheduled effort	lΤ	П	П	T	П	П	Τ	П	П	П	Τl
15	Injector 0L04 (R100)	5/24/12	11/5/13	42.93%	7 days to end of down (RF Zone Checkout)	~ 5 1/2 months behimd schedule	50.83 weeks behind scheduled effort	Ī	Ц	П	Ī	Ц	П					\prod
16	11GeV Separator	8/1/12	5/1/14	35.15%	11 days to may 2014 constraint	~ 3 months behind schedule	20.55 weeks behind scheduleed effort			Ш	Í	П		Ĺ			Ш	Ī
17	Recommissioning CM's & RF	1/14/13	9/25/13	64.03%	0 days to end of down	~ 6 weeks behind schedule	37.77 weeks behind scheduled effort			$\ $						Ħ	1	$\ $
18								П	П	П	4	П	П	\bot	П	1	\Box	П
19	Hall A - non-12GeV	5/18/12	12/9/13	92.01%	39 days to Hall A Beam Comm.	1 week ahead of schedule	2 weeks ahead of scheduled effort	Ī	Ш	Ш	I	Ш	П	I	Ш		П	
20	Hall A - 12 GeV	5/18/12	2/11/14	93.54%	73 Days to Beam to Hall A Start	6 weeks behind schedule	~ 7.0 weeks behind scheduled effort		Ш			∐		İ				
								5 6	7 8	9	1011	12	1 2	3 4	56	7 8	910	112

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LSD July 2013 Progress % Complete based on Labor Hours

	Activity Name	Start Date	Finish Date	Physical % Complete	Float	Weeks Ahead/Behind	Ahead/Behind wrt Labor Hours	2012 5 6 7 8 9 101 112			12 1	20						
21	Hall D - 12 GeV	5/1/12	12/23/14	48.86%	242 days to 055M Beam to Hall D Start	~ 6 weeks behind schedule	173.66 weeks behind scheduled effort	Ť								i		Ħ
22	Hall B - 12 GeV	9/6/10	2/2/16	66.78%		~1 week ahead of schedule	10.66 weeks ahead of scheduled effort	İ	П	П	Ш				 	i		Ħ
23	Hall C - 12 GeV	9/8/09	2/5/16	57.64%		~ 1 month behind schedule	61.06 weeks behind scheduled effort			Ш	Ш					Ĭ		
24								П	П	П	Ш	\top	П	П	П	П	П	П
25	Facilities - MCC HVAC/Roof	1/11/12	8/12/13	95%	Contract constraints	2 weeks behind schedule												\prod
26	Facilities - Counting House Renovation	4/20/12	7/30/13	100%													\prod	
								5 6	7 8	91	C 11	12 1	2 3	4 5	6 7	8 9	910	112

Cryogenics Schedule not shown – see L. Harwood/A. Freyberger Presentation

Systems on Critical Path

- 12GeV Beam Transport
- 12GeV RF
- 12GeV Cryomodules
- Re-Commissioning Existing RF & Cryomodules
- Cryogenics



Projected Total to September

- Adjustments to be made to the Schedule:
 - Accelerator Maintenance work identified and to be deferred
 - 12GeV remaining work (see L. Harwood presentation)
 - Work (non-critical) that is not relative to end date of LSD
 - 18 Sept End Date of LSD & Proposed End Date (see.
 A. Freyberger presentation)
 - Accelerator HCO & Run Periods (see A. Freyberger presentation)



Projected Total to September



