

Installation and Commissioning

Scientific Manpower

ST	WEEK	Task Name	Duration	Start	Finish	PM	SVT	SV	EC	TD	Slo	Sof	I&C	CF
387	1.46	Installation & Commissioning	15.0 days	Tue 15/04	Fri 16/04									
388	1.46.01	Hall B Upstream Beamline Installation	07 days	Tue 15/04	Wed 16/04									
389	1.46.01.01	Upstream beamline assembly	1 day	Tue 15/04	Tue 15/04									
390	1.46.01.02	Assembly, install, connect new grids	1 day	Tue 15/04	Tue 15/04									
391	1.46.01.03	Pump down beamline	1 day	Mon 15/04	Mon 15/04									
392	1.46.01.04	Diagnose/Beam Hubs monitors	0 day	Tue 16/04	Tue 16/04									
393	1.46.01.05	Connect/beam Hubs monitors signals	0 day	Mon 15/04	Tue 16/04									
394	1.46.01.06	Hot checkout whole system	11 days	Mon 15/04	Mon 22/04									
395	1.46.02	ECAL Installation	15 days	Mon 15/04	Mon 22/04									
396	1.46.02.01	Install ECAL in the Hall	1 day	Mon 15/04	Tue 16/04									
397	1.46.02.02	ECAL connections	1 day	Mon 15/04	Tue 16/04									
398	1.46.02.03	Survey	1 day	Mon 15/04	Mon 22/04									
399	1.46.02.04	Commissioning of ECAL	10 days	Mon 15/04	Mon 22/04									
400	1.46.02.05	Run LMS calibration	20 days	Tue 16/04	Tue 30/04									
401	1.46.02.06	Calibrate Run	10 days	Mon 15/04	Tue 16/04									
402	1.46.02.07	Integrate Slow Control	20 days	Tue 16/04	Mon 22/04									
403	1.46.02.08	ECAL Ready for beam	10 days	Mon 15/04	Mon 22/04									
404	1.46.03	Receive SVT, Assembly, Test in Clean Room	10 days	Tue 16/04	Tue 30/04									
405	1.46.03.01	Receive and Unpack	1 day	Tue 16/04	Tue 16/04									
406	1.46.03.02	Assembly	1 day	Mon 15/04	Tue 16/04									
407	1.46.03.03	Power, Cooling, and DAQ	10 days	Mon 15/04	Tue 16/04									
408	1.46.03.04	Check out DAQ	10 days	Mon 15/04	Tue 16/04									
409	1.46.03.05	Integrate DAQ with LAB DAQ	10 days	Mon 15/04	Tue 16/04									
410	1.46.03.06	Full Hot Checkout	10 days	Mon 15/04	Tue 16/04									
411	1.46.03.07	SVT ready to be installed	10 days	Tue 16/04	Tue 16/04									
412	1.46.03.08	Commission Beamline	22 days	Fri 16/04	Mon 19/04									
413	1.46.03.09	Transport beam to target dump	1 day	Fri 16/04	Fri 16/04									
414	1.46.03.10	Establish good spot sizes	1 day	Fri 16/04	Fri 16/04									
415	1.46.03.11	Measure halo	1 day	Fri 16/04	Fri 16/04									
416	1.46.03.12	Bring beam to Hall B dump	1 day	Fri 16/04	Fri 16/04									
417	1.46.03.13	Turn on chokes and adjust as needed	1 day	Fri 16/04	Fri 16/04									
418	1.46.03.14	Check beam passage through Ecsl	1 day	Fri 16/04	Fri 16/04									
419	1.46.03.15	Check spots and halo (upstream of Frascati)	1 day	Mon 15/04	Mon 15/04									
420	1.46.04	Beamline Commissioning	10 days	Mon 15/04	Fri 16/04									
421	1.46.04.01	Install SVT	1 day	Tue 16/04	Fri 16/04									
422	1.46.04.02	Bring Ecsl Vac up to air	1 day	Tue 16/04	Tue 16/04									
423	1.46.04.03	Remove Ecsl and Ecsl vac chamber	1 day	Tue 16/04	Tue 16/04									
424	1.46.04.04	Remove upstream beamline	1 day	Tue 16/04	Tue 16/04									
425	1.46.04.05	Move Hall Frascati upstream	1 day	Tue 16/04	Tue 16/04									
426	1.46.04.06	Install SVT Box	1 day	Tue 16/04	Tue 16/04									
427	1.46.04.07	Align survey, and secure SVT Box	1 day	Tue 16/04	Tue 16/04									
428	1.46.04.08	SVT Installed	1 day	Tue 16/04	Tue 16/04									
429	1.46.04.09	Commission SVT	1 day	Tue 16/04	Tue 16/04									
430	1.46.04.10	Replace SVT Vac box	1 day	Tue 16/04	Tue 16/04									
431	1.46.04.11	Cable and Power	1 day	Tue 16/04	Tue 16/04									
432	1.46.04.12	Cooling and chiller	1 day	Tue 16/04	Tue 16/04									
433	1.46.04.13	DAQ and calibration	1 day	Tue 16/04	Tue 16/04									
434	1.46.04.14	Check Linear Shifts for target, u-channels	1 day	Tue 16/04	Tue 16/04									
435	1.46.04.15	Restore Ecsl Vac and SVT Vac Flange and Bee	1 day	Tue 16/04	Tue 16/04									
436	1.46.04.16	Pump down and check Vacuum	1 day	Tue 16/04	Tue 16/04									
437	1.46.04.17	SVT Ready for beam	1 day	Tue 16/04	Tue 16/04									
438	1.46.04.18	Replace Ecsl survey, and check	1 day	Tue 16/04	Tue 16/04									
439	1.46.04.19	Complete HPS Checkout	1 day	Tue 16/04	Tue 16/04									
440	1.46.04.20	Integrate SVT DAQ and TDAQ	1 day	Tue 16/04	Tue 16/04									
441	1.46.04.21	Check out all GUS and Slow Controls	1 day	Tue 16/04	Tue 16/04									
442	1.46.04.22	East SVT Calibration Ready	1 day	Tue 16/04	Tue 16/04									
443	1.46.04.23	Trigger Ready	1 day	Tue 16/04	Tue 16/04									
444	1.46.04.24	Monitoring Ready	1 day	Tue 16/04	Tue 16/04									
445	1.46.04.25	Check Interlocks	1 day	Tue 16/04	Tue 16/04									
446	1.46.04.26	Check FSD	1 day	Tue 16/04	Tue 16/04									
447	1.46.04.27	HPS ready for the beam	1 day	Tue 16/04	Tue 16/04									
448	1.46.04.28	Commission Electron Beam to Hall B Dump	1 day	Tue 16/04	Tue 16/04									
449	1.46.04.29	Move detectors and collimators to safe position	1 day	Tue 16/04	Tue 16/04									
450	1.46.04.30	Establish beam height, transverse position, spot size	1 day	Tue 16/04	Tue 16/04									
451	1.46.04.31	Establish trip monitors and trip diagnostics and	1 day	Tue 16/04	Tue 16/04									
452	1.46.04.32	Study trigger rates vs current	1 day	Tue 16/04	Tue 16/04									
453	1.46.04.33	Study beam trips	1 day	Tue 16/04	Tue 16/04									
454	1.46.04.34	Take safe position data	1 day	Tue 16/04	Tue 16/04									
455	1.46.04.35	Commission Electron Running	1 day	Tue 16/04	Tue 16/04									
456	1.46.04.36	Define entry run current and SVT position	1 day	Tue 16/04	Tue 16/04									
457	1.46.04.37	Take Data	1 day	Tue 16/04	Tue 16/04									

		PMBe	SVT	SV	EC	TD	Slo	Sof	I&C	CF
		am	T	T	AL	AQ	w	tw	are	TE
		line	D	AQ			Co	ntr	ol	
M .	IN									
Batta	FN									
glieri										
A .	IN									
Cele	FN									
ntano										
Stuar	IN									
t	FN									
Fegan										
A .	IN									
D'An	FN									
gelo										
A .	IN									
Rizzo	FN									
L .	IN									
Cola	FN									
neri										
G .	IN									
Simi	FN									
N .	IN									
Rand	FN									
azzo										
M .	IN									
DeN	FN									
apoli										
R .	IN									
Devita	FN									
M .	IN									
Carpi	FN									
nnelli										
V .	IN									
Sipala	FN									
M .	IN									
Osip	FN									
enko										
S .	IN									
Aiello	FN									

Marco's talk at the Collaboration Meeting June 2014

E . Leonora	IN FN				0.2				0. 20
D . Calvo	IN FN				0.2				0. 20
A . Filippi	IN FN						0.3		0. 30
C . Ventura	IN FN				0.2				0. 20
Raphael Dupre	IP NO				0. 63			0. 08	0. 02
Gabriel Charles	IP NO				0. 50			0. 50	1. 00
Michel Garcon	CEA				0. 50				0. 50
Stepan Stepanian	JL AB	0. 05	0.10		0. 10			0. 10	0. 35
Arne Freyberg	JL AB		0.05						0. 05
Hovanes Heghyan	JL AB						0.21	0. 02	0. 23
Serguei Boyarinov	JL AB				0. 25				0. 25
Maurizio Ungaro	JL AB						0. 10		0. 10
F X Girod	JL AB		0.40						0. 40
Yuri Gernstein	Ru tgers						0. 21		0. 21
Tim Nelson	SL AC		0. 70	0. 25				0. 05	1. 00

Per Hans son	SL AC			0. 35	0. 40				0. 20	0. 05	1. 00
Sho Uem ura	SL AC			0. 20	0. 20				0. 20	0. 02	0. 62
Matt Grah am	SL AC								0. 50		0. 50
Jere my McC ormi ck	SL AC								0. 20		0. 20
Nor man Graf	SL AC								0. 50		0. 50
John Jaros	SL AC ¹										1. 00
Hom e r Neal	SL AC								0. 08		0. 08
Taka shi Maru yama	SL AC		0.40	0. 35					0. 20	0. 05	1. 00
Ken Moff eit	SL AC		1.00								1. 00
Clive Field	SL AC		0.17								0. 17
Vitali y Fade yev	U CSC			0. 12	0. 04						0. 15
Fores t McK inney	U CSC			0. 18							0. 18
Omar More no	U CSC			0. 13	0. 15				0. 21	0. 02	0. 51
Kyle McCa rthy	U NH					0. 25			0. 25		0. 50
Maur i k Holtr op	U NH								0. 21	0. 02	0. 23

Annie Simonyan	Yes						0.50		0.50
Nersis Gevorgyan	Yes						0.50		0.50
Holly Szumila-Vance	W&M		0.25		0.50		0.25		1.00
Total FTE by Subsystem			2.32	1.04	5.54	0.25	1.25	0.78	19.63

Engineering Manpower

Mechanical Engineering		PM Beamline	SVT	SVTD AQ	ECAL	TD AQ	Slow Control	Software	I&C	Total
Marc Oriunno	SLAC	0.40	0.10	0.40					0.12	1.02
Shawn Osier	SLAC		0.71							0.71
Matt McCulloch	SLAC	0.02	0.60							0.62
Bob Connolly	SLAC		0.15							0.15
Reggie Rogers	SLAC		0.15							0.15
MD	JLAB	0.46								0.46
ME	JLAB	0.09								0.09
ME Accelerator	JLAB	0.10								0.10

M T Accel erator JLAB	JL AB		0.70						0.70
P . Rosie r	IP NO				0.04			0.02	0.06
E . Rind el	IP NO				0.17			0.02	0.19
F . Prato longo	IN FN				0.13				0.13
G . Mini	IN FN				0.13				0.13
M T Hall- B	JL AB				0.06				0.06
Elect rical Engi neeri ng									
Ryan Herb st	S L AC			0.56				0.13	0.69
Ben Reese	S L AC			0.85					0.85
Dave Nels on	S L AC			0.15					0.15
E T SLAC	S L AC		0.30						0.30
Ben Rayd o (EE)	JL AB				0.50				0.50
E E Hall- B JLAB	JL AB		0.16					0.04	0.20
E T Hall- B JLAB	JL AB		0.28					0.04	0.32
C S JLAB			0.25						0.25

E E Accel erator JLAB	JL AB							0.23		0.23
Emm anuel Rauly	IP NO								0.02	0.02
						0.13				0.13
Total FTE b y Subs ytem		0.40	2.16	2.31	1.56	0.52	0.50	0.23	0.38	8.07