

Installation and Commissioning

Scientific Manpower

ST	WEEK	Task Name	Duration	Start	Finish	Notes
387	1.46	Installation & Commissioning	115 days	Tue 19/04	Fri 10/09/14	
388	1.46.01	Hall B Upstream Beamline Installation	47 days	Tue 19/04	Wed 10/05/14	Installation & Commissioning Hall B Upstream Beamline Installation
389	1.46.01.01	Upstream beamline assembly	7 days	Tue 19/04	Tue 19/04/14	Upstream beamline assembly
390	1.46.01.02	Assembly, install, connect new grids	7 days	Tue 19/04	Tue 19/04/14	Assembly, install, connect new grids
391	1.46.01.03	Pump down beamline	7 days	Mon 05/05/14	Mon 05/05/14	Pump down beamline
392	1.46.01.04	Diagnose/Beam Hubs monitors	7 days	Tue 19/04	Tue 19/04/14	Diagnose/Beam Hubs monitors
393	1.46.01.05	Connect/beam and HPS/PSD signals	10 days	Mon 05/05/14	Tue 19/04/14	Connect/beam and HPS/PSD signals
394	1.46.01.06	Hot checkout whole system	11 days	Mon 05/05/14	Mon 05/05/14	Hot checkout whole system
395	1.46.02	ECAL Installation	11 days	Mon 05/05/14	Mon 05/05/14	ECAL Installation
396	1.46.02.01	Install ECAL in the Hall	5 days	Mon 05/05/14	Tue 19/04/14	Install ECAL in the Hall
397	1.46.02.02	ECAL connections	5 days	Mon 05/05/14	Tue 19/04/14	ECAL connections
398	1.46.02.03	Survey	7 days	Mon 05/05/14	Mon 05/05/14	Survey
399	1.46.02.04	ECAL, install	10 days	Mon 05/05/14	Mon 05/05/14	ECAL, install
400	1.46.03	Commissioning of ECAL	18 days	Tue 19/04	Tue 10/09/14	Commissioning of ECAL
401	1.46.03.01	Run LMS calibration	10 days	Mon 05/05/14	Tue 19/04/14	Run LMS calibration
402	1.46.03.02	Calibrate, Run	10 days	Mon 05/05/14	Tue 19/04/14	Calibrate, Run
403	1.46.03.03	Integrate Slow Control	10 days	Tue 19/04	Tue 19/04/14	Integrate Slow Control
404	1.46.03.04	ECAL Ready to beam	10 days	Mon 05/05/14	Mon 05/05/14	ECAL Ready to beam
405	1.46.04	Receive SVT, Assemble, Test in Clean Room	16 days	Tue 19/04	Tue 10/09/14	Receive SVT, Assemble, Test in Clean Room
406	1.46.04.01	Reorder and Unpack	1 day	Tue 19/04	Tue 19/04/14	Reorder and Unpack
407	1.46.04.02	Assembly	5 days	Mon 05/05/14	Tue 19/04/14	Assembly
408	1.46.04.03	Power, Cooling, and DAQ	10 days	Mon 05/05/14	Tue 19/04/14	Power, Cooling, and DAQ
409	1.46.04.04	Check out DAQ	10 days	Mon 05/05/14	Tue 19/04/14	Check out DAQ
410	1.46.04.05	Integrate DAQ with LAB DAQ	10 days	Mon 05/05/14	Tue 19/04/14	Integrate DAQ with LAB DAQ
411	1.46.04.06	Full Hot Checkout	10 days	Mon 05/05/14	Tue 19/04/14	Full Hot Checkout
412	1.46.04.07	SVT ready to be installed	5 days	Tue 19/04	Tue 19/04/14	SVT ready to be installed
413	1.46.05	Commission Beamline	22 days	Tue 19/04	Mon 10/09/14	Commission Beamline
414	1.46.05.01	Transport beam to target dump	7 days	Tue 19/04	Tue 19/04/14	Transport beam to target dump
415	1.46.05.02	Establish good spot sizes	7 days	Tue 19/04	Tue 19/04/14	Establish good spot sizes
416	1.46.05.03	Measure halo	7 days	Tue 19/04	Tue 19/04/14	Measure halo
417	1.46.05.04	Bring beam to Hall B dump	7 days	Tue 19/04	Tue 19/04/14	Bring beam to Hall B dump
418	1.46.05.05	Turn on chokes and adjust as needed	7 days	Tue 19/04	Tue 19/04/14	Turn on chokes and adjust as needed
419	1.46.05.06	Check beam passage through Ecsl	7 days	Tue 19/04	Tue 19/04/14	Check beam passage through Ecsl
420	1.46.05.07	Check spots and halo upstream of Frascati	7 days	Tue 19/04	Tue 19/04/14	Check spots and halo upstream of Frascati
421	1.46.06	Beamline Commissioned	10 days	Mon 05/05/14	Mon 10/09/14	Beamline Commissioned
422	1.46.06.01	Install SVT	4 days	Tue 19/04	Tue 19/04/14	Install SVT
423	1.46.06.02	Bring Ecsl Vac up to air	4 days	Tue 19/04	Tue 19/04/14	Bring Ecsl Vac up to air
424	1.46.06.03	Remove Ecsl and Ecsl vac chamber	4 days	Tue 19/04	Tue 19/04/14	Remove Ecsl and Ecsl vac chamber
425	1.46.06.04	Remove upstream beamline	4 days	Tue 19/04	Tue 19/04/14	Remove upstream beamline
426	1.46.06.05	Move Hall Frascati upstream	4 days	Tue 19/04	Tue 19/04/14	Move Hall Frascati upstream
427	1.46.06.06	Install SVT Box	4 days	Tue 19/04	Tue 19/04/14	Install SVT Box
428	1.46.06.07	Align survey, and secure SVT Box	4 days	Tue 19/04	Tue 19/04/14	Align survey, and secure SVT Box
429	1.46.07	Commission SVT	21 days	Tue 19/04	Tue 10/09/14	Commission SVT
430	1.46.07.01	Replace SVT Vac box	4 days	Tue 19/04	Tue 19/04/14	Replace SVT Vac box
431	1.46.07.02	Cable and Power	4 days	Tue 19/04	Tue 19/04/14	Cable and Power
432	1.46.07.03	Cooling and chiller	4 days	Tue 19/04	Tue 19/04/14	Cooling and chiller
433	1.46.07.04	DAQ and calibration	4 days	Tue 19/04	Tue 19/04/14	DAQ and calibration
434	1.46.07.05	Check Linear Shifts for target, u-channels	4 days	Tue 19/04	Tue 19/04/14	Check Linear Shifts for target, u-channels
435	1.46.07.06	Restore Ecsl Vac and SVT Vac Flange and Bee	4 days	Tue 19/04	Tue 19/04/14	Restore Ecsl Vac and SVT Vac Flange and Bee
436	1.46.07.07	Pump down and check Vacuum	4 days	Tue 19/04	Tue 19/04/14	Pump down and check Vacuum
437	1.46.07.08	SVT Ready for beam	4 days	Tue 19/04	Tue 19/04/14	SVT Ready for beam
438	1.46.08	Replace Ecsl survey, and check	4 days	Tue 19/04	Tue 19/04/14	Replace Ecsl survey, and check
439	1.46.09	Complete HPS Checkout	4 days	Tue 19/04	Tue 19/04/14	Complete HPS Checkout
440	1.46.09.01	Integrate SVT DAQ and TDAQ	4 days	Tue 19/04	Tue 19/04/14	Integrate SVT DAQ and TDAQ
441	1.46.09.02	Check out all GLS and Slow Controls	4 days	Tue 19/04	Tue 19/04/14	Check out all GLS and Slow Controls
442	1.46.09.03	East SVT Calibration Ready	4 days	Tue 19/04	Tue 19/04/14	East SVT Calibration Ready
443	1.46.09.04	Trigger Ready	4 days	Tue 19/04	Tue 19/04/14	Trigger Ready
444	1.46.09.05	Monitoring Ready	4 days	Tue 19/04	Tue 19/04/14	Monitoring Ready
445	1.46.09.06	Check Interlocks	4 days	Tue 19/04	Tue 19/04/14	Check Interlocks
446	1.46.09.07	Check PSD	4 days	Tue 19/04	Tue 19/04/14	Check PSD
447	1.46.10	HPS ready for the beam	4 days	Tue 19/04	Tue 19/04/14	HPS ready for the beam
448	1.46.11	Commission Electron Beam to Hall B Dump	4 days	Tue 19/04	Tue 19/04/14	Commission Electron Beam to Hall B Dump
449	1.46.11.01	Move detectors and collimators to safe position	4 days	Tue 19/04	Tue 19/04/14	Move detectors and collimators to safe position
450	1.46.11.02	Establish beam length, transverse position, spot size, and halo	4 days	Tue 19/04	Tue 19/04/14	Establish beam length, transverse position, spot size, and halo
451	1.46.11.03	Establish trip monitors and trip diagnostics and	4 days	Tue 19/04	Tue 19/04/14	Establish trip monitors and trip diagnostics and
452	1.46.11.04	Study trigger rates vs current	4 days	Tue 19/04	Tue 19/04/14	Study trigger rates vs current
453	1.46.11.05	Study beam trips	4 days	Tue 19/04	Tue 19/04/14	Study beam trips
454	1.46.11.06	Take safe position data	4 days	Tue 19/04	Tue 19/04/14	Take safe position data
455	1.46.12	Commission Electron Running	18 days	Tue 19/04	Tue 10/09/14	Commission Electron Running
456	1.46.12.01	Define entry run current and SVT position	4 days	Tue 19/04	Tue 19/04/14	Define entry run current and SVT position
457	1.46.12.02	Take Data	4 days	Tue 19/04	Tue 19/04/14	Take Data

		PMBe	SVT	SVT	E	TD	Slo	Sof	I&C	CF
		am	T	C	AQ	w	tw	are	TE	
		line	D	AL	Q	Co	Co	Co		
			AQ			ntr	ol			
M .	IN								0.	0.
Batta	FN								02	23
glieri										
A .	IN								0.	0.
Cele	FN								12	33
ntano										
Stuar	IN								0.3	0.
t	FN									30
Fegan										
A .	IN								0.	0.
D'An	FN								21	21
gelo										
A .	IN								0.	0.
Rizzo	FN								12	33
L .	IN								0.	0.
Cola	FN								52	73
neri										
G .	IN								0.3	0.
Simi	FN									30
N .	IN								0.2	0.
Rand	FN									20
azzo										
M .	IN								0.2	0.
DeN	FN									20
apoli										
R .	IN								0.1	0.
Devita	FN								12	22
M .	IN								0.4	0.
Carpi	FN								0.1	0.
nnelli										50
V .	IN								0.3	0.
Sipala	FN									30
M .	IN								0.2	0.
Osip	FN									20
enko										
S .	IN								0.2	0.
Aiello	FN									20

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	0. 74
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