

Installation and Commissioning

Scientific Manpower

ST	WEEK	Task Name	Duration	Start	Finish	Notes
387	14W	Installation & Commissioning	151 days	Tue 19/04	Fri 10/09/14	
388	14.0.1	Hall B Upstream Beamline Installation	47 days	Tue 19/04	Wed 10/05/14	Installation & Commissioning Hall B Upstream Beamline Installation
389	14.0.1.1	Upstream beamline assembly	7 days	Tue 19/04	Tue 19/04/14	Upstream beamline assembly
390	14.0.1.2	Assembly, install, connect new grids	7 days	Tue 19/04	Tue 19/04/14	Assembly, install, connect new grids
391	14.0.1.3	Pump down beamline	7 days	Mon 05/05	Mon 05/05/14	Pump down beamline
392	14.0.1.4	Diagnose/Beam Hubs monitors	7 days	Tue 19/04	Tue 19/04/14	Diagnose/Beam Hubs monitors
393	14.0.1.5	Connect/beam Hubs monitors signals	14 days	Mon 05/05	Tue 19/04/14	Connect/beam Hubs monitors signals
394	14.0.1.6	Hot checkout whole system	11 days	Mon 05/05	Mon 05/05/14	Hot checkout whole system
395	14.0.2	ECAL Installation	11 days	Mon 05/05	Mon 05/05/14	ECAL Installation
396	14.0.2.1	Install ECAL in the Hall	7 days	Mon 05/05	Fri 09/05/14	Install ECAL in the Hall
397	14.0.2.2	ECAL connections	7 days	Mon 05/05	Fri 09/05/14	ECAL connections
398	14.0.2.3	Survey	7 days	Mon 05/05	Mon 05/05/14	Survey
399	14.0.2.4	Commissioning of ECAL	14 days	Mon 05/05	Mon 05/05/14	Commissioning of ECAL
400	14.0.3	Run LMS calibration	28 days	Tue 19/04	Tue 19/04/14	Run LMS calibration
401	14.0.3.1	Calibrate Run	14 days	Mon 05/05	Fri 09/05/14	Calibrate Run
402	14.0.3.2	Integrate Data with JLAB DAQ	14 days	Mon 05/05	Fri 09/05/14	Integrate Data with JLAB DAQ
403	14.0.3.3	Full Hot Checkout	14 days	Mon 05/05	Fri 09/05/14	Full Hot Checkout
404	14.0.3.4	SVT ready to be installed	22 days	Fri 09/05	Mon 19/06/14	SVT ready to be installed
405	14.0.3.5	Commission Beamline	7 days	Fri 09/05	Fri 09/05/14	Commission Beamline
406	14.0.3.6	Transport beam to target dump	7 days	Fri 09/05	Fri 09/05/14	Transport beam to target dump
407	14.0.3.7	Establish good spot sizes	7 days	Fri 09/05	Fri 09/05/14	Establish good spot sizes
408	14.0.3.8	Measure halo	7 days	Fri 09/05	Fri 09/05/14	Measure halo
409	14.0.3.9	Bring beam to Hall B dump	7 days	Fri 09/05	Fri 09/05/14	Bring beam to Hall B dump
410	14.0.3.10	Turn on chokes and adjust as needed	7 days	Fri 09/05	Fri 09/05/14	Turn on chokes and adjust as needed
411	14.0.3.11	Check beam passage through Ecsl	7 days	Fri 09/05	Fri 09/05/14	Check beam passage through Ecsl
412	14.0.3.12	Check spots and halo upstream of Frascati	7 days	Mon 19/06	Mon 19/06/14	Check spots and halo upstream of Frascati
413	14.0.4	Beamline Commissioning	14 days	Mon 19/06	Fri 10/07/14	Beamline Commissioning
414	14.0.4.1	Install SVT	7 days	Mon 19/06	Fri 10/07/14	Install SVT
415	14.0.4.2	Bring Ecsl Vac up to air	7 days	Mon 19/06	Fri 10/07/14	Bring Ecsl Vac up to air
416	14.0.4.3	Remove Ecsl and Ecsl vac chamber	7 days	Mon 19/06	Fri 10/07/14	Remove Ecsl and Ecsl vac chamber
417	14.0.4.4	Remove upstream beamline	7 days	Mon 19/06	Fri 10/07/14	Remove upstream beamline
418	14.0.4.5	Move Hall Frascati upstream	7 days	Mon 19/06	Fri 10/07/14	Move Hall Frascati upstream
419	14.0.4.6	Install SVT Box	7 days	Mon 19/06	Fri 10/07/14	Install SVT Box
420	14.0.4.7	Align survey, and secure SVT Box	7 days	Mon 19/06	Fri 10/07/14	Align survey, and secure SVT Box
421	14.0.5	Commission SVT	14 days	Fri 10/07	Fri 10/07/14	Commission SVT
422	14.0.5.1	Replace SVT Vac box	7 days	Fri 10/07	Fri 10/07/14	Replace SVT Vac box
423	14.0.5.2	Cable and Power	7 days	Fri 10/07	Fri 10/07/14	Cable and Power
424	14.0.5.3	Cooling and chiller	7 days	Fri 10/07	Fri 10/07/14	Cooling and chiller
425	14.0.5.4	DAQ and calibration	7 days	Fri 10/07	Fri 10/07/14	DAQ and calibration
426	14.0.5.5	Check Linear Shifts for target, u-channels	7 days	Fri 10/07	Fri 10/07/14	Check Linear Shifts for target, u-channels
427	14.0.5.6	Restore Ecsl Vac and SVT Vac Flange and Bee	7 days	Fri 10/07	Fri 10/07/14	Restore Ecsl Vac and SVT Vac Flange and Bee
428	14.0.5.7	Pump down and check Vacuum	7 days	Fri 10/07	Fri 10/07/14	Pump down and check Vacuum
429	14.0.5.8	SVT Ready for beam	7 days	Fri 10/07	Fri 10/07/14	SVT Ready for beam
430	14.0.6	Replace Ecsl survey, and check	7 days	Fri 10/07	Fri 10/07/14	Replace Ecsl survey, and check
431	14.0.7	Complete HPS Checkout	7 days	Mon 19/06	Fri 10/07/14	Complete HPS Checkout
432	14.0.7.1	Integrate SVT DAQ and TDAQ	7 days	Mon 19/06	Fri 10/07/14	Integrate SVT DAQ and TDAQ
433	14.0.7.2	Check out all GLS and Slow Controls	7 days	Mon 19/06	Fri 10/07/14	Check out all GLS and Slow Controls
434	14.0.7.3	East SVT Calibration Ready	7 days	Mon 19/06	Fri 10/07/14	East SVT Calibration Ready
435	14.0.7.4	Trigger Ready	7 days	Mon 19/06	Fri 10/07/14	Trigger Ready
436	14.0.7.5	Monitoring Ready	7 days	Mon 19/06	Fri 10/07/14	Monitoring Ready
437	14.0.7.6	Check Interlocks	7 days	Mon 19/06	Fri 10/07/14	Check Interlocks
438	14.0.7.7	Check FSD	7 days	Mon 19/06	Fri 10/07/14	Check FSD
439	14.0.8	HPS ready for the beam	7 days	Fri 10/07	Fri 10/07/14	HPS ready for the beam
440	14.0.9	Commission Electron Beam to Hall B Dump	7 days	Fri 10/07	Fri 10/07/14	Commission Electron Beam to Hall B Dump
441	14.0.9.1	Move detectors and collimators to safe position	7 days	Fri 10/07	Fri 10/07/14	Move detectors and collimators to safe position
442	14.0.9.2	Establish beam height, transverse position, spot size, and beam	7 days	Fri 10/07	Fri 10/07/14	Establish beam height, transverse position, spot size, and beam
443	14.0.9.3	Establish trip monitors and trip diagnostics and	7 days	Fri 10/07	Fri 10/07/14	Establish trip monitors and trip diagnostics and
444	14.0.9.4	Study trigger rates vs current	7 days	Fri 10/07	Fri 10/07/14	Study trigger rates vs current
445	14.0.9.5	Study beam trips	7 days	Fri 10/07	Fri 10/07/14	Study beam trips
446	14.0.9.6	Take safe position data	7 days	Fri 10/07	Fri 10/07/14	Take safe position data
447	14.0.10	Commission Electron Running	7 days	Fri 10/07	Fri 10/07/14	Commission Electron Running
448	14.0.10.1	Define entry run current and SVT position	7 days	Fri 10/07	Fri 10/07/14	Define entry run current and SVT position
449	14.0.10.2	Take Data	7 days	Fri 10/07	Fri 10/07/14	Take Data

		PMBe	SVT	SVT	E	TD	Slo	Sof	I&C	CF
		am	T	C	AQ	w	tw	are		TE
		line	D	AL		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.	0.
Devita	FN								12	22
M .	IN								0.1	0.
Carpi	FN									50
nnelli										
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
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 Hegyan	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