

2004

Activity	Deliverable N°	Deliverable Name	Deliverable Type	Workpackage/ Task N°	Delivered by Contractor (s)	Planned (in months)	Achieved (in months)
ELAN	1	ELAN web site	Web site	All WPs	CNRS-Orsay	4	4
ELAN	2	Beam Dynamics code repository site functional	Data base	WP3	CERN	12	12
ELAN	3	Instrumentation web site	Web site	WP4	CCLRC, UMA	6	21
ELAN	4	Instrumentation data base	Data base	WP4	CCLRC, UMA	12	delayed
BENE	5	BENE web site	Web site	All WPs	INFN-Na	4	4
BENE	6	Annual report of the BENE network	Report	All WPs	INFN-Na	12	12
BENE	7	Proposal for FP6 Design Study of a new neutrino facility	Report	All WPs	INFN-Na	12	Delayed to FP7
BENE	8	Proceedings of Multi-MW workshop	Report	All WPs	INFN-Na	12	14
BENE	9	BENE Physics web site	Web site	WP1	INFN-Pa, CERN	3	3
HHH	10	HHH web site	Web site	All WPs	CERN	12	9
HHH	11	APD web site	Web site	WP3	CERN	6	9
SRF	12	Final report on reliability issues	Report	WP2	DESY	9	24
SRF	13	EP on samples: best EP parameters	Report	WP5	CEA	12	21
NED	14	Final report on wire and cable specifications	Report	WP3	CERN	6	6
NED	15	Design report on 15 T dipole magnet	Report	WP3	CERN	12	13

2005

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ELAN	1	Work plan and documentation data base	Data base	WP1	CERN	24	22
ELAN	2	Data base on SRF documents	Data base	WP2	DESY	24	
BENE	3	18-month interim report	Report	All WPs	INFN-Na	23	
BENE	4	Annual report of the BENE network	Report	All WPs	INFN-Na	24	
BENE	5	Proceedings of NuFact'05 workshop	Report	All WPs	INFN-Na	24	
BENE	6	Launch of scoping study of a new neutrino facility	Web site Report	All WPs	INFN-Na	18	18
HHH	7	Beam Dynamics code repository	Data base	WP3	CERN	24	
SRF	8	EP on multi-cells: parameters fixed	Report	WP5	DESY	13	19
SRF	9	Automated EP is defined	Report	WP5	INFN-Legnaro	21	26
SRF	10	Dry ice cleaning: parameters fixed	Report	WP5	DESY	18	23
SRF	11	CEA tuner: start of integrated experiments	Prototype	WP8	CEA	15	18
SRF	12	Report on IN2P3 tuner activities	Report	WP8	CNRS-Orsay	24	32
SRF	13	Report on data management developments	Report	WP9	DESY	21	
SRF	14	Report on RF gun control tests	Report	WP9	DESY	23	34
PHIN	15	<i>High efficiency photocathode comparison</i>	<i>Report</i>	WP2	FZR	24	
PHIN	16	<i>High power laser oscillator</i>	<i>Prototype</i>	WP3	CCLRC-RAL	13	
PHIN	17	<i>Amplifier construction</i>	<i>Prototype</i>	WP3	CCLRC-RAL	19	
PHIN	18	<i>Oscillator + amplifier test</i>	<i>Report</i>	WP3	CCLRC-RAL	23	
PHIN	19	<i>Pulse shaping system: phase mask acquisition and test</i>	<i>Report</i>	WP3	CCLRC-RAL	16	

PHIN	20	<i>Pulse shaping system: Dazzler acquisition and test</i>	<i>Report</i>	WP3	CCLRC-RAL	17	
PHIN	21	Pulse shaping comparison	Prototype	WP3	INFN-LNF, INFN-Milano	22	
PHIN	22	<i>UV harmonic generator test</i>	<i>Prototype</i>	WP3	CCLRC-RAL	16	
PHIN	23	Laser RF feedback development	Report	WP3	CERN	21	
PHIN	24	Two 3 GHz RF guns construction	Prototype	WP4	CNRS-Orsay	18	
PHIN	25	<i>1-50 MeV spectrometer construction</i>	<i>Prototype</i>	WP4	CNRS-LOA	24	
HIPPI	26	Halo meas. device design construction	Report	WP5	CERN	18	
NED	27	Commissioning of heat transfer facility	Prototype	WP2	CEA, WUT	16	delayed, 21
NED	28	Final report on Quench Protection	Report	WP2	INFN-Milano	18	
NED	29	Report on conventional insulation	Report	WP4	CCLRC-RAL	24	delayed, 30
NED	30	Report on innovative insulation	Report	WP4	CEA	18	delayed, 36

2006

Activity	Deliverable N°	Deliverable Name	Deliverable Type	Workpackage/ Task N°	Delivered Contractor (s) by	Planned (in months)	Achieved (in months)
ELAN	1	Data base on diagnostics performance	Data base	WP4	CCLRC, UMA	36	
BENE	2	Annual report of the BENE network	Report	All WPs	INFN-Na	36	
BENE	3	Proposal for design studies and R&D	Report	All WPs	INFN-Na	36	
BENE	4	Proceedings or summaries of workshops	Report	All WPs	INFN-Na	36	
HHH	5	Data base on SC magnets and cables	Data base	WP1	CERN	36	
SRF	6	Evaluation of spinning parameters	Report	WP3	INFN-Legnaro	29	
SRF	7	1-cell spinning parameters defined	Report	WP3	INFN-Legnaro	36	
SRF	8	Report on new LLRF hardware components	Report	WP9	DESY	26	
SRF	9	New BPM ready for installation	Prototype	WP11	CEA	25	
PHIN	10	Photocathode ready for 3 GHz RF guns	Prototype	WP2	CERN	25	
PHIN	11	UV generation and feedback: overall system assembly and tests	Prototype	WP3	CCLRC	30	
PHIN	12	SC RF gun realisation	Prototype	WP4	FZR	26	
PHIN	13	SC RF gun test	Report	WP4	FZR	36	
PHIN	14	CTF3 3 GHz RF gun test at CERN	Report	WP4	CNRS-Orsay, CERN	33	
HIPPI	15	H-mode DTL prototype ready	Prototype	WP2	IAP-FU	36	
HIPPI	16	CCDTL prototype tested	Report	WP2	CERN	36	
HIPPI	17	Elliptical cavities: cavity B ready	Prototype	WP3	CEA	30	
HIPPI	18	Chopping structure A: prototype ready	Prototype	WP4	CERN	32	
HIPPI	19	Beams Dynamics: simulations and experiments at UNILAC	Report	WP5	GSI	36	

HIPPI	20	Profile measurements by fluorescence	Report	WP5	GSI	31	
HIPPI	21	Non interceptive bunch measurement	Report	WP5	GSI	36	
HIPPI	22	Collimators design	Report	WP5	CERN	36	
NED	23	Final Report on Heat Transfer Measurements	Report	WP2	CEA	36	delayed
NED	24	Final wire production	Prototype	WP3	CERN	30	delayed, 33
NED	25	Final report on wire characterization	Report	WP3	CEA, INFN-Ge, INFN-Mi, TEU	30	delayed, 34
NED	26	Final cable production	Prototype	WP3	CERN	36	36
NED	27	Final report on cable performances	Report	WP3	TEU	36	

2007

Activity	Deliverable N°	Deliverable Name	Deliverable Type	Workpackage/ Task N°	Delivered by Contractor (s)	Planned (in months)	Achieved (in months)
ELAN	1	Data base on laser plasma acceleration	Data base	WP5	CRNS-LPGP	48	
BENE	2	Annual report of the BENE network	Report	All WPs	INFN-Na	48	
BENE	3	Proposal for design studies and R&D	Report	All WPs	INFN-Na	48	
BENE	4	Proceedings or summaries of workshops	Report	All WPs	INFN-Na	48	
SRF	5	Fabrication of new cavity with improved components	Prototype	WP2	INFN	47	
SRF	6	Fabrication Multi-cell cavities by spinning	Report Prototype	WP3	INFN-Legnaro	48	
SRF	7	Fabrication of hydroformed 9-cell cavities	Prototype	WP3	DESY	47	
SRF	8	First multicell coating with linear-arc cathode	Prototype	WP4	IPJ	48	
SRF	9	First multicell coating with planar-arc cathode	Prototype	WP4	IPJ	41	
SRF	10	Report on quality of HTc superconducting properties	Report	WP4	IPJ	48	
SRF	11	EP on single cells: parameters fixed	Report	WP5	CEA	48	
SRF	12	Evaluate oxipolishing experiments	Report	WP5	DESY	40	
SRF	13	Final report on industrial electropolishing	Report	WP5	DESY	48	
SRF	14	Automated EP: Conclude on best electrolyte	Report	WP5	INFN-Legnaro	44	
SRF	15	VT cleaning of 9-cell cavities: evaluation of experimental results	Report	WP5	DESY	48	
SRF	16	Dry ice cleaning of horizontal 9-cell cavities: evaluation of experimental results	Report	WP5	DESY	48	

SRF	17	Final report on SQUID scanning	Report	WP6	DESY	48	
SRF	18	Conclude on comparison of SQUID scanner vs. flux gate detector	Report	WP6	INFN-Legnaro	48	
SRF	19	DC field emission: evaluation of scanning results	Report	WP6	DESY	48	
SRF	20	DC field emission: evaluate strong emitter investigations	Report	WP6	DESY	48	
SRF	21	Prototype couplers: final report on conditioning	Report	WP7	CNRS-Orsay	47	
SRF	22	Evaluation of INFN tuner operation	Report	WP8	INFN-Mi	48	
SRF	23	Cryostat integration tests: final evaluation	Report	WP10	CEA	46	
SRF	24	Evaluation of BPM operation	Report	WP11	CEA	48	
SRF	25	Evaluation of beam emittance monitor operation	Report	WP11	INFN-Ro	48	
SRF	26	EB Welding of prototypes of components	Prototype	WP2	DESY	48	
PHIN	27	Superconducting cavity photocathode tests	Report	WP2	FZR	37	
PHIN	28	Final report on 100 MeV laser driven plasma source R&D	Report	WP2	CNRS-LOA	48	
PHIN	29	<i>NEPAL 3 GHz RF gun test at Orsay</i>	<i>Report</i>	<i>WP4</i>	<i>CNRS-Orsay</i>	<i>37</i>	
PHIN	30	<i>50 MeV spectrometer test</i>	<i>Report</i>	<i>WP4</i>	<i>CNRS-LOA</i>	<i>42</i>	
PHIN	31	<i>1 GeV spectrometer development</i>	<i>Report</i>	<i>WP4</i>	<i>CNRS-LOA</i>	<i>48</i>	
HIPPI	32	Drift Tube Linac: development of critical components	Prototype	WP2	CEA	37	
HIPPI	33	Side Couple Linac: RF cold model prototype test	Report	WP2	CNRS-LPSC, CERN	48	
HIPPI	34	Elliptical cavities: test stand ready	Test stand	WP3	CEA	39	
HIPPI	35	Spoke cavities: prototype ready	Prototype	WP3	FZJ, CNRS-Orsay	46	
HIPPI	36	Chopper structure A: prototype testing (w/o	Report	WP4	CERN	44	

		and with beam)					
HIPPI	37	Chopper line: Beam line assembly and measurements	Report	WP4	CERN	48	
HIPPI	38	Chopper structure B: prototype ready	Prototype	WP4	CCLRC-RAL	42	
HIPPI	39	Diagnostics and collimation: online transmission control	Report	WP5	GSI	46	
HIPPI	40	Diagnostics and collimation: beam profile monitor for high intensity	Report	WP5	FZJ	42	

2008

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ELAN	1	Final report of the ELAN network	Report	All WPs	CNRS-Orsay	60	
BENE	2	Final report of the BENE network	Report	All WPs	INFN-Na	60	
BENE	3	Proceedings or summaries of workshops	Report	All WPs	INFN-Na	60	
BENE	4	Proceedings of NuFact'08 workshop	Report	All WPs	INFN-Na	60	
HHH	5	Final report of the HHH network	Report	All WPs	CERN	60	
HIPPI	6	Drift Tube Linac: Optimised design	Report	WP2	CNRS-LPSC, CEA, CERN	60	
HIPPI	7	H-mode Drift Tube Linac: design finished	Report	WP2	IAP-FU	60	
HIPPI	8	Cell Coupled Drift Tube Linac: design finished	Report	WP2	CERN	54	
HIPPI	9	Comparative assessment of Normal Conducting structures	Report	WP2	CNRS-LPSC, CEA, CERN, IAP-FU	60	
HIPPI	10	Elliptical cavities: high power pulsed tests cavity A and B	Report	WP3	CEA, INFN-Mi	60	
HIPPI	11	Spoke cavities: testing of prototype	Report	WP3	FZJ, CNRS-Orsay	60	
HIPPI	12	CH resonator: measurements	Report	WP3	IAP-FU	60	
HIPPI	13	Comparative assessment of superconducting structures	Report	WP3	CEA, INFN-Mi, FZJ, IAP-FU, CNRS-Orsay	60	
HIPPI	14	Chopper structure B: prototype testing	Report	WP4	CCLRC-RAL	54	
HIPPI	15	Comparative assessment of chopper designs	Report	WP4	CERN, CCLRC- RAL	58	
HIPPI	16	Beam Dynamic: code benchmarking	Report	WP5	GSI et al.	58	

HIPPI	17	Simulations and experiment at CERN	Report	WP5	CERN	60	
HIPPI	18	Comparative assessment of dynamics and measurements	Report	WP5	GSI et al.	60	