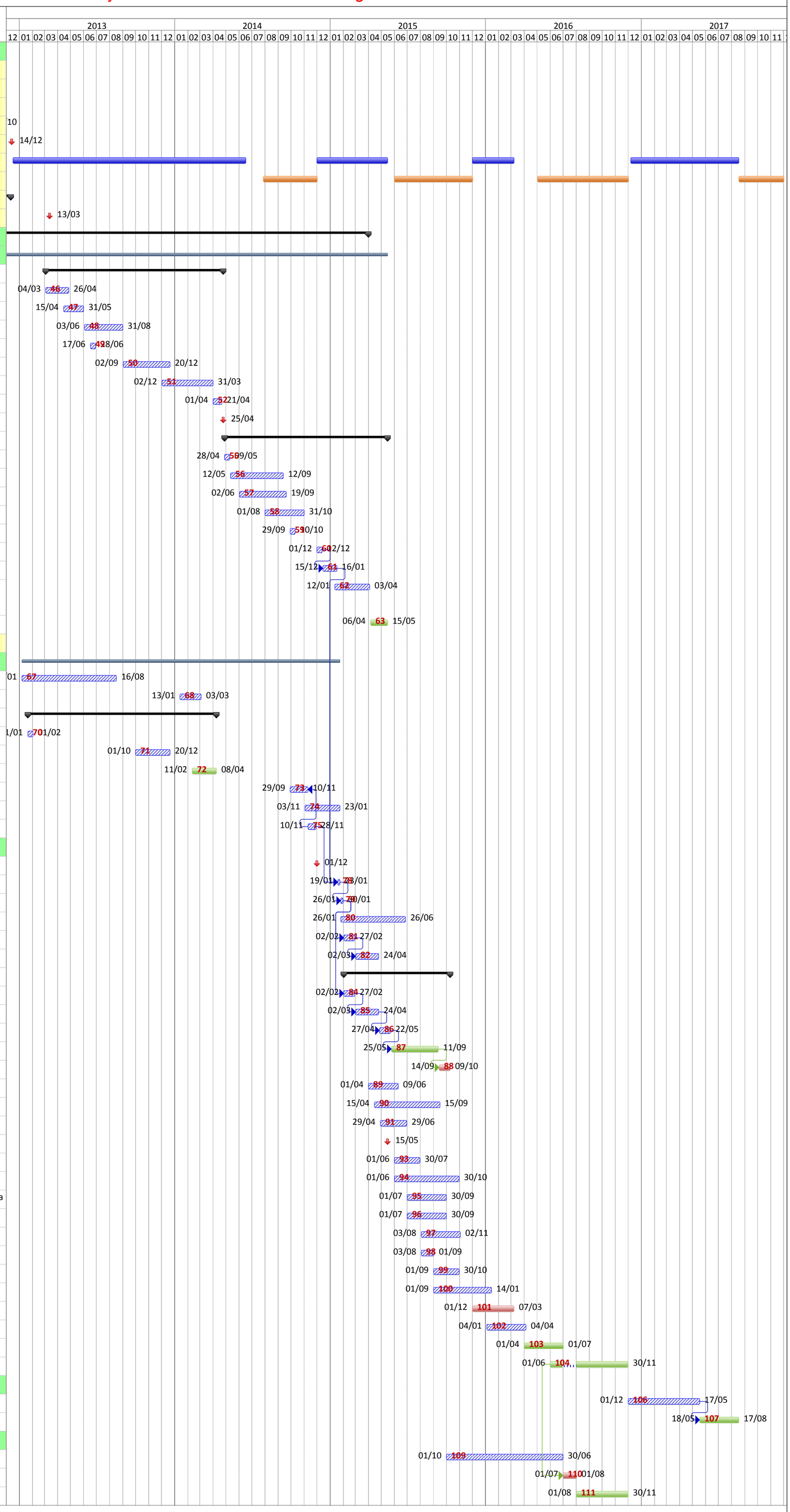
ELENA Project - General Reference Planning

ID	Task Name	Duration	In charge
1	General milestones		
2	Ring optics & layout	0 days	
3	Transfert lines optics & layout	0 days	
4	General layout hall 193 and annexed bldg	0 days	
5	TDR Elena project	0 days	
6	TDR Gbar project	0 days	
7	AD shutdowns	1169 days?	
12	Experimental physics	845 days	
17	Finance Committee meetings 2012	125 days	
22	Finance Committee meetings 2013	0 days	
24	Studies & purchasing activities	709 days?	
44	Annexed building 393		
45	Construction	289 days	L.A. Lopez
46	Move cable trays inside hall 193	40 days	P. Lelong
47	Mound excavation	35 days	L.A. Lopez
48	Foundations	65 days	L.A. Lopez
49	Earthing network	10 days	R. Necca
50	Metal structure	80 days	L.A. Lopez
51	Roof - cladding/siding - gutters - doors	76 days	L.A. Lopez
52	Coating floor	15 days	L.A. Lopez
53	Annexed bldg delivery	0 days	L.A. Lopez
54	Installation equipment in annexed bldg	265 days	
55	Travelling crane	10 days	C. Bertone
56	Electrical services	90 days	R. Necca
57	Cabling campaign kicker equipment	80 days	P. Lelong
58	Cooling & ventilation installation	3 mons	M. Battistin
59	Install new supporting frame	10 days	L. Sermeus
60	Dismantling kickers platform and accessories	10 days	L. Sermeus
61	Migration kicker equipment to annexed bldg	15 days	L. Sermeus
62	Electrical works (cabinet, racks, cabling, connectors)	60 days	P. Lelong
63	Kickers commissioning	30 days	L. Sermeus
64	Miscellaneous activities	44 days	
66	Redevelopment Hall 193		
67	Heavy AD activities (see AD planning)	160 days	S. Pelletier
68	Installation new gangways / stairs	36 days	F. Butin
69	Implementation AD ring /target access point	307 days	E. Sanchez
70	Reorganise shielding blocks AD access point	10 days	S. Pelletier
71	Install AD ring/target new access points	59 days	E. Sanchez
72	Commissioning AD ring/target access point	8.2 wks	E. Sanchez
73	AD hall preparation / cleaning	30 days	S. Pelletier
74	Redevelopment existing racks / platforms	50 days	S. Pelletier
75	AD hall moving (workshop, experiments)	15 days	S. Pelletier
76	Elena machine installation		
77	AD stop / re-opening	0 days	
78	Survey marking (incl. Gbar and H- source)	5 days	T. Dobers
79	Install surrounding concrete shielding	5 days	S. Pelletier
80	Equip control racks	5 mons	
81	Cable trays / lightning / AC cabling	20 days	R. Necca
82	Install cooling network	40 days	St. Moccia
83	H- source	180 days	D. Kuchler
84	Installation source	20 days	D. Kuchler
85	Cabling and Control	40 days	D. Kuchler
86	Add vacuum / test line	20 days	D. Kuchler
87	Commissioning source	80 days	D. Kuchler
88	Connection to ELENA machine	20 days	D. Kuchler
89	Magnet installation	50 days	Th. Zickler
90	Cable-laying campaign	5 mons	P. Lelong
91	Install kickers	2 mons	L. Sermeus
92	AD closing / restart	0 days	
93	Install septa	2 mons	J. Borburgh
94	Install power converters	5 mons	G. Simonet
95	Install RF	3 mons	M.E. Angoletta
96	Install e-cooling	3 mons	G. Tranquille
97	Cable connections & Interlocks	3 mons	P. Lelong
98	Install WIC	1 mon	Y. Bastian
99	Install instrumentation	2 mons	G. Tranquille
100	Vacuum system + ejection towards Gbar	4 mons	R. Kersevan
101	Connection AD-ring to ELENA	60 days	
102	Various (connection to cooling; access door, ...)	3 mons	
103	Commissioning ELENA (H-) (100 keV -> 5.3 Mev)	3 mons	T. Eriksson
104	Commissioning ELENA (P-) (a few %)	5 mons	T. Eriksson
105	Redevelopment TL towards experiments		
106	Installation TL	5 mons	
107	Commissioning ELENA - Experiments	3 mons	
108	Installation Gbar		
109	Installation Gbar experiment	186 days?	
110	Connection Gbar-Elena	1 mon	
111	Commissioning Gbar	88 days?