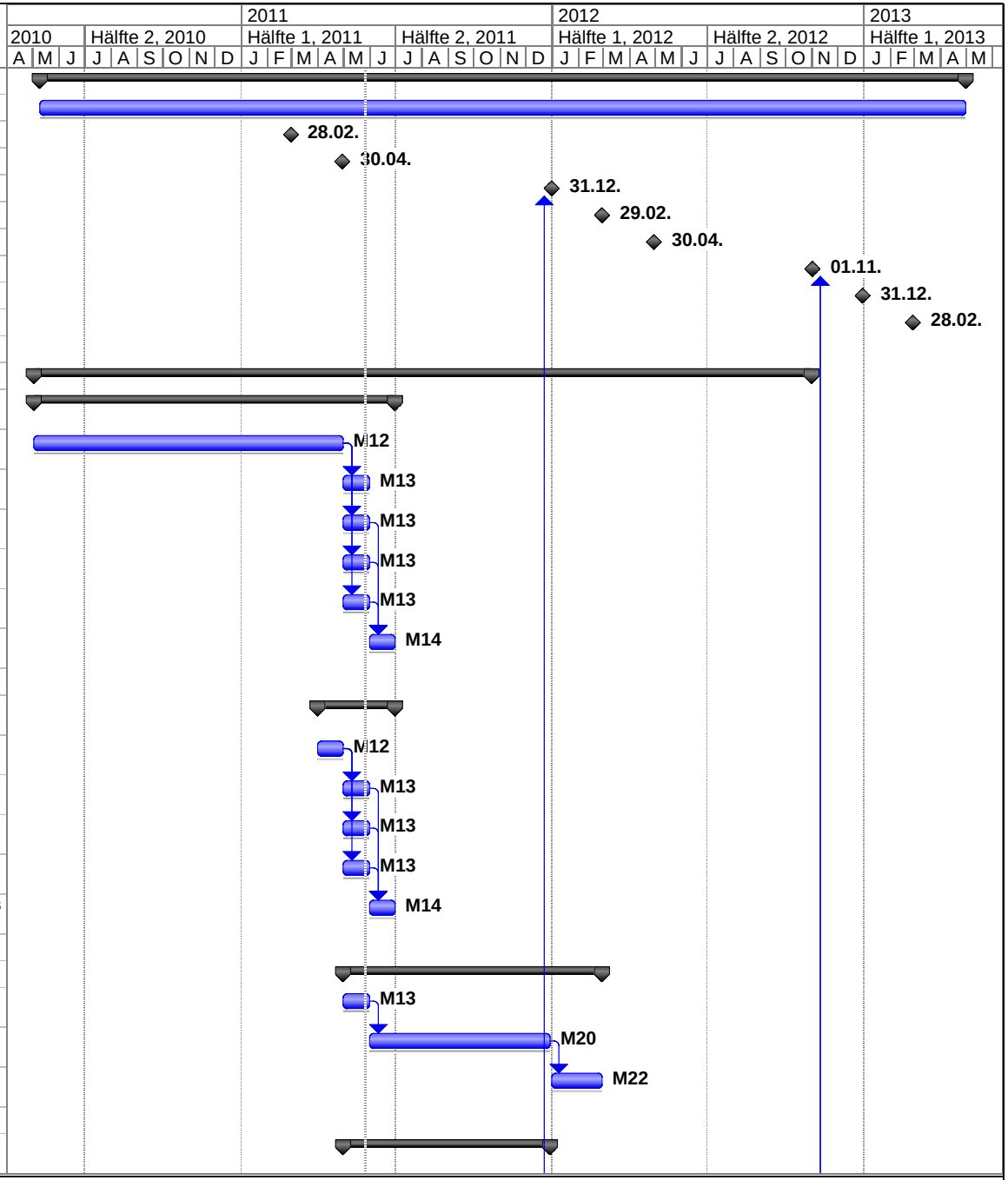
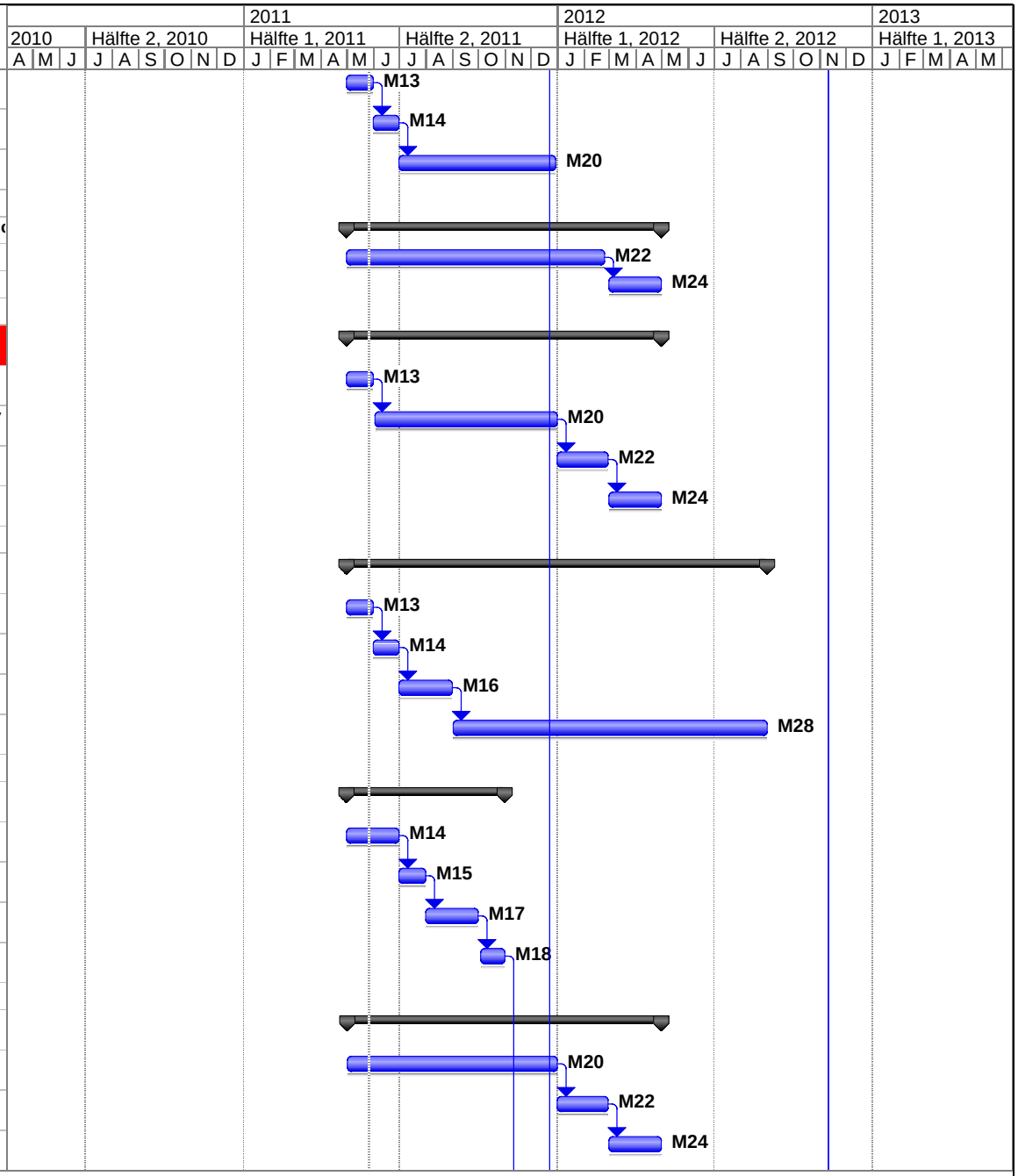
Nr.	Vorgangsname
1	**EMI Project**
2	Project Duration (M1-M36)
3	EMI 1 Release Candidates (M10)
4	EMI 1 Release (M12)
5	EMI 2 Feature Freeze (M20)
6	EMI 2 Release Candidates (M22)
7	EMI 2 Release (M24)
8	EMI 3 Feature Freeze (M30)
9	EMI 3 Release Candidates (M32)
10	EMI 3 Release (M34)
11	
12	**Infrastructure Area Objectives (2011-05-26)**
13	**4.2 [I1] Investigate possible use cases for a common standard messaging system in the accounting area**
14	4.2.1 [Accounting TF] Identify a task leader for the investigation. This action should be delegated to the Accounting TF (M12-M12)
15	4.2.2 [Accounting TF] Identification of the possible usages of messaging with the existing accounting architecture (M13-M13)
16	4.2.3 [Accounting TF] Cost-benefit analysis of the possible usages (M13-M13)
17	4.2.4 [Accounting TF] Identification of the optimal usage, which should be implemented (M13-M13)
18	4.2.5 [Accounting TF] Definition of an implementation plan (M13-M13)
19	4.2.6 [Accounting TF] Production of a report that covers the investigation, cost-benefit analysis and implementation plan (M14-M14)
20	
21	**4.3 [I2] Investigate possible use cases for a common standard messaging system for the service monitoring and management**
22	4.3.1 [Service Mon and Man TF] Identify a task leader for the investigation. (M12-M12)
23	4.3.2 [Service Mon and Man TF] Gather the service monitoring and management requirements (M13-M13)
24	4.3.3 [Service Mon and Man TF] Investigate no messaging could be used to meet these requirements (M13-M13)
25	4.3.4 [Service Mon and Man TF] Provide a design of a possible solution based on messaging (M13-M13)
26	4.3.5 [Service Mon and Man TF] Production of a report that documents the requirements and describes the design of a possible solution (M14-M14)
27	
28	**4.4 [I6] Implement the common EMI Registry**
29	4.4.1 [EMI Registry PT] Provide an implementation plan (M13-M13)
30	4.4.2 [EMI Registry PT] Provide the implementation by following the plan (M14-M20)
31	4.4.3 [EMI Registry PT] Integrate the EMI Registry into the EMI 2 Release (M21-M22)
32	
33	**4.5 [I5] Fully utilize and support the GLUE2 information model in information components including the development of validation tools**



Nr.	Vorgangsname
34	4.5.1 [Area Leader] Identification of components that are required to support GLUE2 (M13-M13)
35	4.5.2 [Area Leader] Assign a change request for each component (M14-M14)
36	4.5.3 [Area Leader] Track the change requests to ensure that they are addressed on time (M15-M20)
37	
38	**4.6 [I7] Provide guidelines for 3rd parties to integrate messaging into their service/applic**
39	4.6.1 [Messaging PT] Produce the guidelines (M13-M22)
40	4.6.2 [Messaging PT] Disseminate the guidelines (M23-M24)
41	
42	**4.7 [I4] Deliver the EMI cloud architecture and strategy (M24 but needs to be M18)**
43	4.7.1 [Cloud TF] Describe the available Cloud computing and virtualisation technologies and standards (M13-M13)
44	4.7.2 [Cloud TF] Investigate how EMI could benefit from the adoption of such technology (M14-M20)
45	4.7.3 [Cloud TF] Document the possible changes to the EMI middleware stack (M21-M22)
46	4.7.4 [Cloud TF] Produce a report contain the above information (M23-M24)
47	
48	**4.8 [I9] Implement or adapt the accounting record publishers of compute and data area services to use the common messaging system**
49	4.8.1 [Publisher] Obtain Compute Usage Record Specification (M13-M13)
50	4.8.2 [Publisher] Obtain Storage Usage Record Specification (M14-M14)
51	4.8.3 [Publisher] Create the publisher according to the specifications (M15-M16)
52	4.8.4 [Publisher] Integrate into the EMI release (M17-M28)
53	
54	**4.9 [I3] Devise a plan for substantial simplification and reduction in the number of infrastructure area CLIs, libraries, internal components and services.**
55	4.9.1 [All identified components] Provide an architecture documenting the current situation (M13-M14)
56	4.9.2 [All identified components] Identify possible changes that could achieve the desired results (M15-M15)
57	4.9.3 [All identified components] Achieve agreement within EMI on which changes to pursue (M16-M17)
58	4.9.4 [All identified components] Produce a report showing the architecture, desired changes and implementation plan (M18-M18)
59	
60	**4.10 [I8] Investigate service remote management interface for compute, data, security and infratstructure services, including…**
61	4.10.1 [Area Leader] Gather the requirements on service management
62	4.10.2 [Area Leader] Produce a state-of-the-art report on service management
63	4.10.3 [Area Leader] Suggest a direction for EMI with justification for this decision



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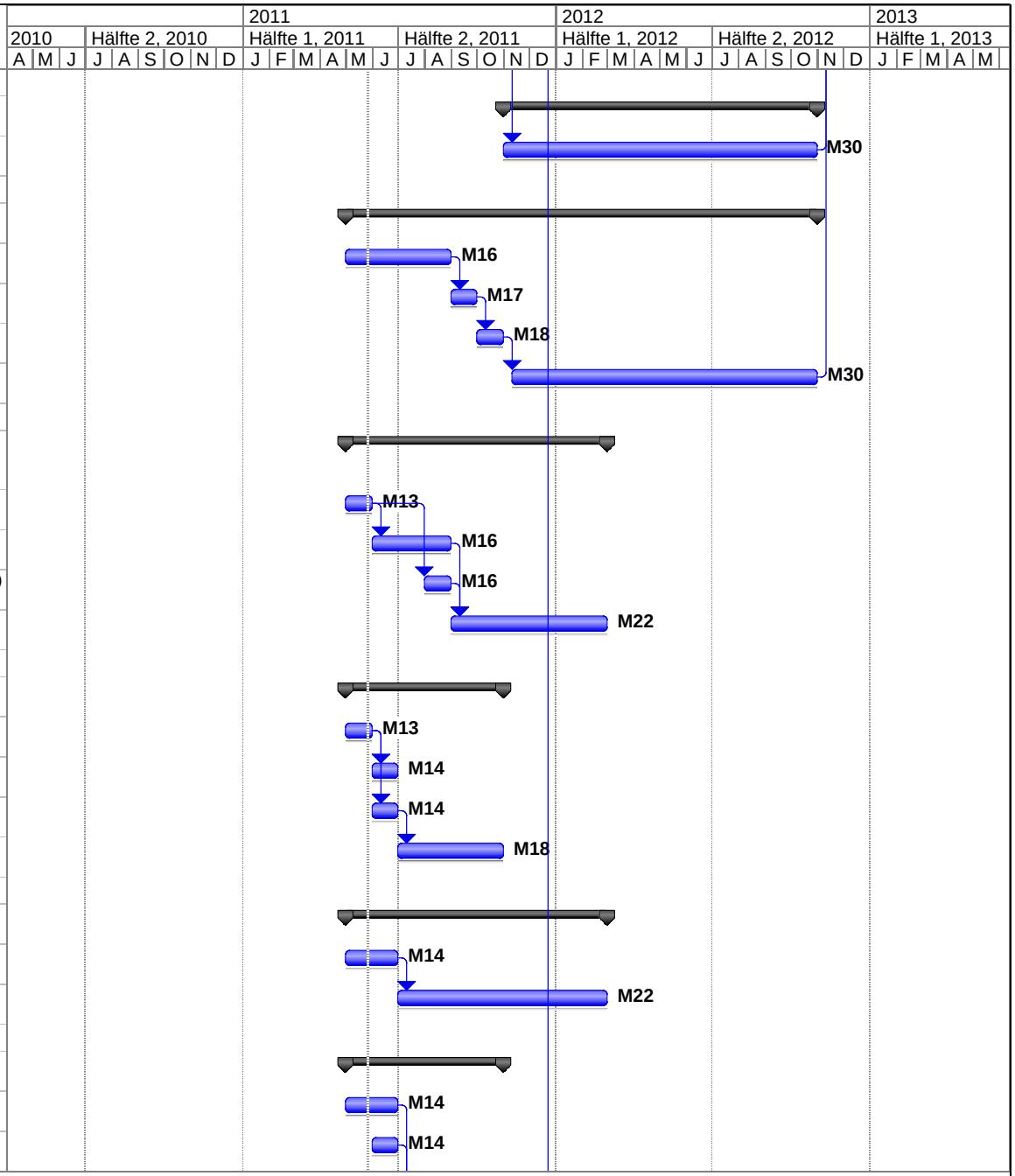
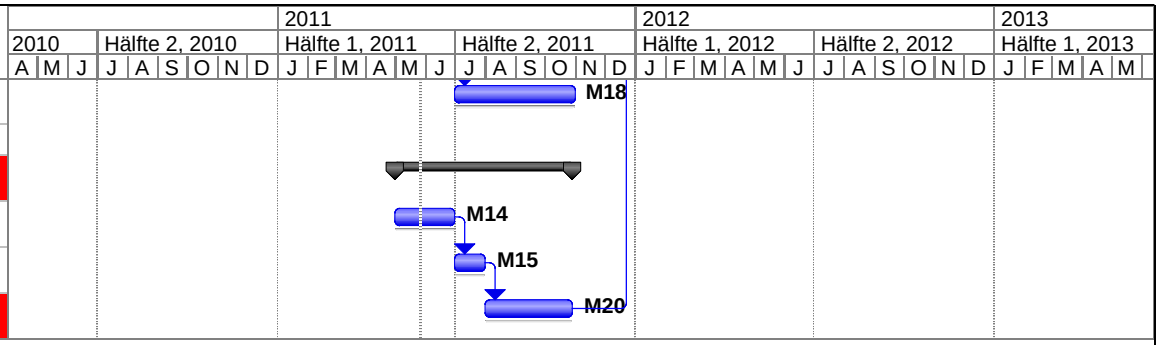
64	
65	**4.11 [I10] Implementation of the infrastructure area consolidation plan**
66	4.11 [All identified components] Implementation of the plans (M19-M30)
67	
68	4.12 [X14] Adapt or implement monitoring interfaces, sensors, providers for compute, data, security, and infrastructure services to allow the use of …
69	4.12.1 [Area Leader] Contribute to the definition of the monitoring interface (M13-M16)
70	4.12.2 [Area Leader] Identify the list of components which need to implement this monitoring interface (M17-M17)
71	4.12.3 [Area Leader] Add change requests for each component (M18-M18)
72	4.12.4 [Area Leader] Monitor each change request to ensure timely delivery (M19-M30)
73	
74	4.13 [X8] Improve usability of client tools based on customer feedback by ensuring a) better more informative, less contradictory error messages b) coherency of command line parameters
75	4.13.1 [All Infra Service Clients] Obtain a client tool policy document for EMI (M13-M13)
76	4.13.2 [All Infra Service Clients] Cross check the policy document with the client tools in the infrastructure to identify improvements (M14-M16)
77	4.13.3 [All Infra Service Clients] Add change a request for each improvement (M16-M16)
78	4.13.4 [All Infra Service Clients] Monitor each change request to ensure timely delivery (M17-M22)
79	
80	4.14 [X6] Adhere to operating system standards for service operation and control regarding configuration, log and temporary file location and service starts/status/stop
81	4.14.1 [Area Leader] Obtain OS adherence policy document for EMI (M13-M13)
82	4.14.2 [Area Leader] Cross check the policy document with services in the infrastructure area to identify improvements (M14-M14)
83	4.14.3 [Area Leader] Add change request for each improvement
84	4.14.4 [Area Leader] Monitor each change request to ensure timely delivery (M15-M18)
85	
86	4.15 [X7] Port, release and support EMI components on identified platforms (full distribution on SL6 and Debian 6, UI on SL5/32 and latest Ubuntu)
87	4.15.1 [Area Leader] identify which components must be available on which platforms (M13-M14)
88	4.15.2 [Area Leader] Ensure that each component is available on that platform for the release date (M15-M22)
89	
90	4.16 [X4] Provide and support monitoring probes for EMI services
91	4.16.1 [Area Leader] Identify a list of components where monitoring probes are required (M13-M14)
92	4.16.2 [Area Leader] Add change request for the delivery of each probe (M14-M14)



Nr.	Vorgangsname
93	4.16.3 [Area Leader] Monitor each change request to ensure timely delivery (M15-M18)
94	
95	**4.17 [UNKNOWN] Agree upon and implement a standardized/common mechanism for obtaining service and resource information from Grid services**
96	4.17.1 [Area Leader] An agreement within EMI on the common approach… and create ERIS PT (M13-M14)
97	4.17.2 [ERIS PT] An implementation plan should be produced (M15)
98	4.17.3 [ERIS PT] The first version of the service as part of EMI 2