ID	Task Name	Duration	Start	Finish	Predec	Resource Names	6, '0 M
1	**calntegrator2 1.0**	**105 days?**	**Wed 3/19/08**	**Thu 8/14/08**			
2	**Inception phase**	**23 days?**	**Wed 3/19/08**	**Fri 4/18/08**			
24	Inception Complete	1 day?	Fri 4/18/08	Fri 4/18/08			
25	**Elaboration Phase**	**82 days?**	**Mon 4/21/08**	**Thu 8/14/08**	**24**		
26	**Elaboration - Iteration 1**	**20 days?**	**Mon 4/21/08**	**Fri 5/16/08**			
66	**Elaboration - Iteration 2**	**33 days?**	**Mon 5/19/08**	**Thu 7/3/08**	**65**		
107	**Elaboration - Iteration 3**	**29 days?**	**Mon 7/7/08**	**Thu 8/14/08**	**66**		
108	**Project Management**	**3 days**	**Mon 7/7/08**	**Wed 7/9/08**			
109	Schedule	1 day	Mon 7/7/08	Mon 7/7/08		SJ	
110	Risk Management	3 days	Mon 7/7/08	Wed 7/9/08		SJ	
111	E2 Iteration Assessment	2 days	Mon 7/7/08	Tue 7/8/08		SJ	
112	**Requirements**	**29 days?**	**Mon 7/7/08**	**Thu 8/14/08**			
113	Draft Storyboard for calntegrator2	2 days	Mon 7/7/08	Tue 7/8/08		SJ	
114	Wireframes for Perform Analysis	10 days?	Mon 7/7/08	Fri 7/18/08		WF	
115	Requirements for View Images	10 days?	Mon 7/14/08	Fri 7/25/08		WF	
116	Review Vision Document	1 day	Thu 7/31/08	Thu 7/31/08		SJ	
117	External Review of Use Cases/Vision	1 day?	Thu 8/14/08	Thu 8/14/08		SJ	
118	**Analysis and Design**	**15 days?**	**Mon 7/7/08**	**Fri 7/25/08**			
119	Use-Case Design: Manage Queries part 1	5 days	Mon 7/7/08	Fri 7/11/08		ET	
120	Use-Case Design: Manage Queries part 2	5 days	Mon 7/14/08	Fri 7/18/08	119	ET	
121	Use-Case Design: Perform Analysis	3 days	Mon 7/21/08	Wed 7/23/08	114	ET	
122	Model Changes (UoM, Range Search)	1 day?	Wed 7/9/08	Wed 7/9/08		MH	
123	Work with VCDE/Arc Mentor	15 days	Mon 7/7/08	Fri 7/25/08		MH	
124	Final Software Architecture Document	3 days	Mon 7/7/08	Wed 7/9/08		MH	
125	**Implementation**	**25 days**	**Mon 7/7/08**	**Fri 8/8/08**			
126	**Implement Deploy Study**	**5 days**	**Mon 7/7/08**	**Fri 7/11/08**			
127	Security - Authentication & Authorization	5 days	Mon 7/7/08	Fri 7/11/08		TJ	
128	Mapping functionality (Genomics, NCIA), Retrieve Array Data, Feedb	5 days	Mon 7/7/08	Fri 7/11/08		ET	
129	Datatype changes	5 days	Mon 7/7/08	Fri 7/11/08		ET	
130	UI improvement for Deploy Study	3 days	Mon 7/14/08	Wed 7/16/08	129	MR	
131	**Implement Manage Queries**	**20 days**	**Mon 7/14/08**	**Fri 8/8/08**			

Project: trWorkbench 1.0
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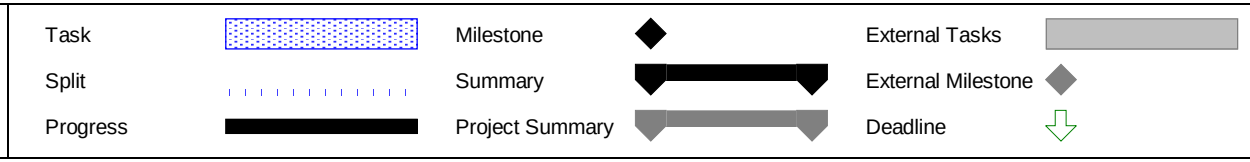

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ID	Task Name	Duration	Start	Finish	Predec	Resource Names	6, '0 M
132	Query Creation (Creation & Persistence)	10 days	Mon 7/14/08	Fri 7/25/08	119	TJ	
133	UI	10 days	Mon 7/28/08	Fri 8/8/08	120	TJ	
134	Query Engine (for Hibernate & NetCDF)	10 days	Mon 7/21/08	Fri 8/1/08	120	ET	
135	Browse Study	5 days	Mon 7/14/08	Fri 7/18/08		TBD1	
136	Implement Perform Data Analysis: GenePattern integration & KM Plot	10 days	Thu 7/24/08	Wed 8/6/08	121	TBD1	
137	View Images	5 days	Mon 8/4/08	Fri 8/8/08	115	TBD1	
138	**Test**	**5 days?**	**Mon 7/7/08**	**Fri 7/11/08**			
139	Performance/load test Manage Queries	3 days	Mon 7/7/08	Wed 7/9/08		ET	
140	Unit Tests/Functional Tests	5 days	Mon 7/7/08	Fri 7/11/08		ET	
141	QA Team Test	1 day?	Mon 7/7/08	Mon 7/7/08			
142	**Environment**	**1 day?**	**Mon 7/7/08**	**Mon 7/7/08**			
143	Configure nightly build	1 day?	Mon 7/7/08	Mon 7/7/08		ET	
144	**Configuration and Change Management**	**1 day?**	**Mon 7/7/08**	**Mon 7/7/08**			
145	Complete Feature Request/Tracking	1 day?	Mon 7/7/08	Mon 7/7/08			
146	**Deployment**	**2 days?**	**Mon 7/7/08**	**Tue 7/8/08**			
147	Deploy to DEV tier	2 days	Mon 7/7/08	Tue 7/8/08		ET	
148	Deploy to QA tier	1 day?	Mon 7/7/08	Mon 7/7/08			
149	Elaboration 2 Complete	1 day?	Mon 7/7/08	Mon 7/7/08			

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Task
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Progress
Milestone
Summary
Project Summary
External Tasks
External Milestone
Deadline

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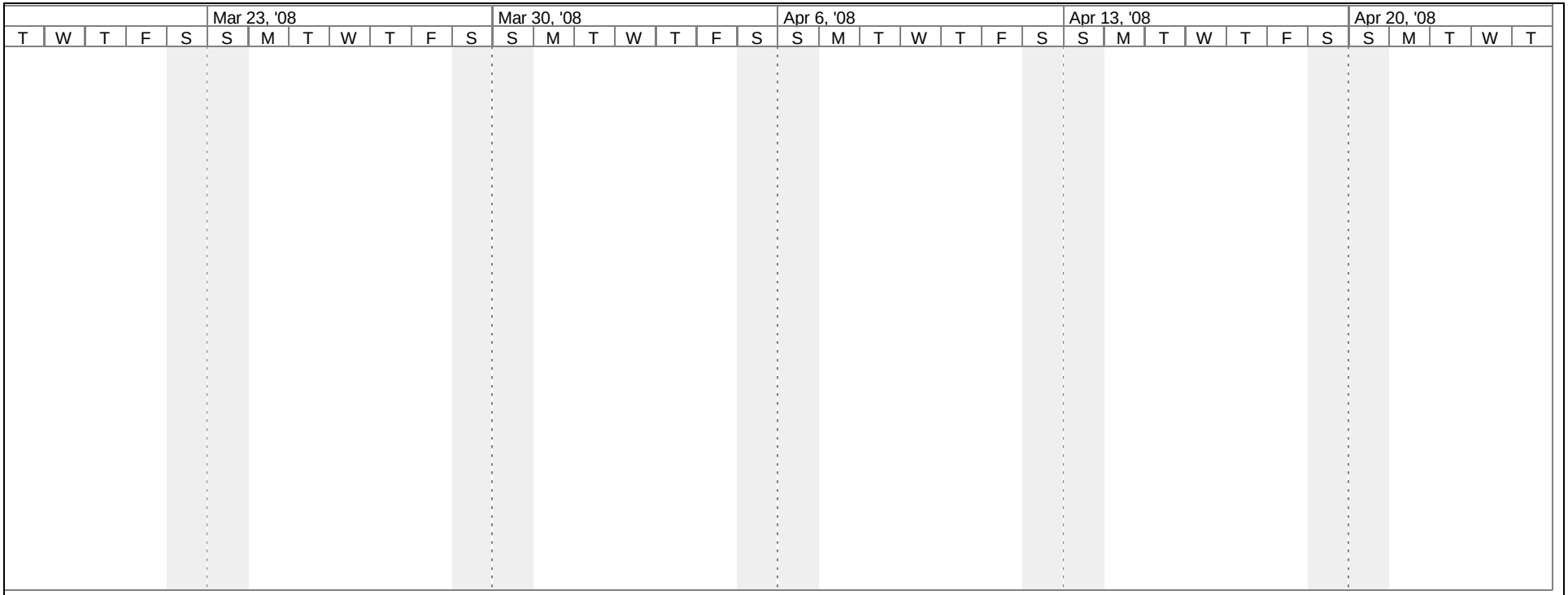

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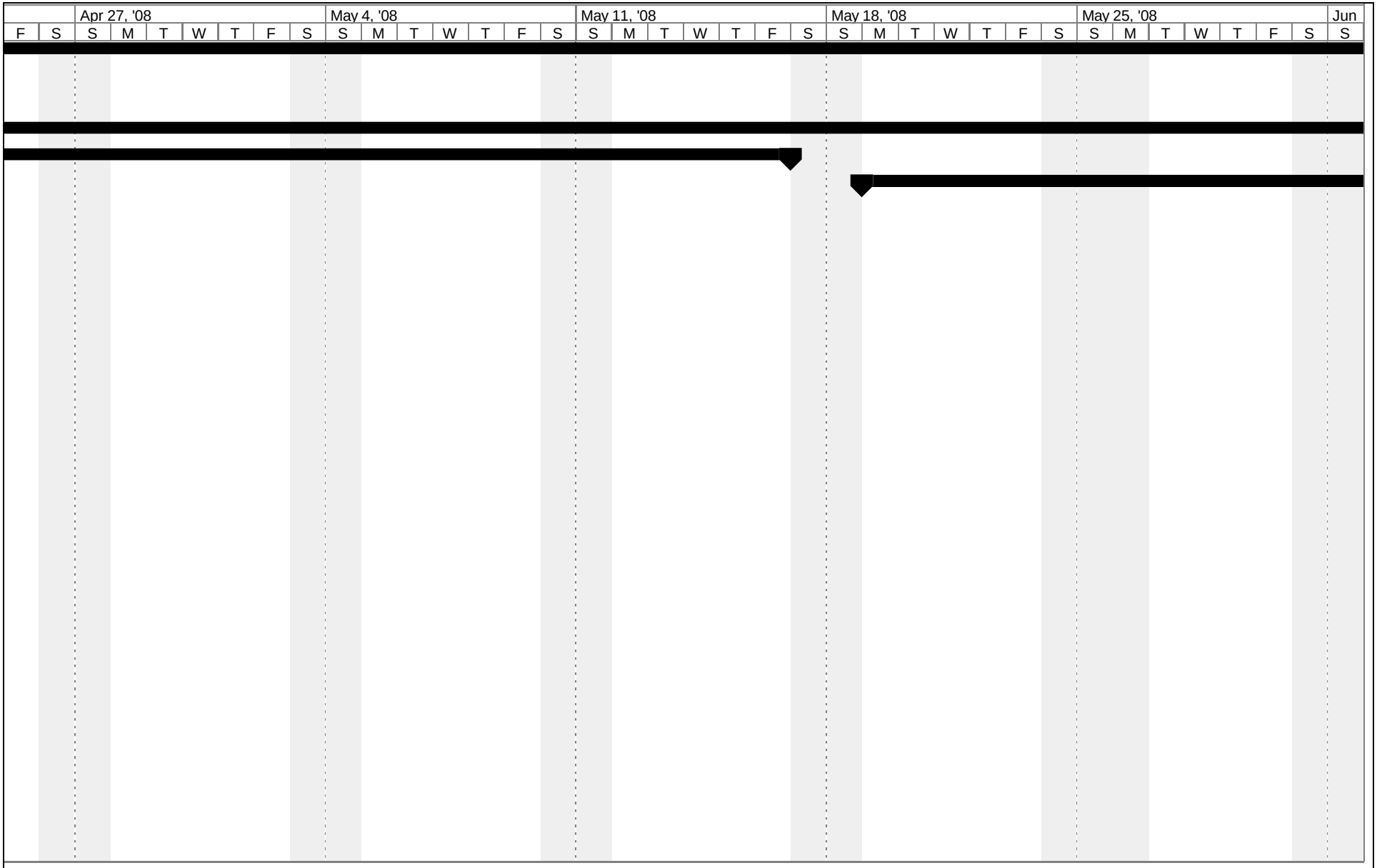

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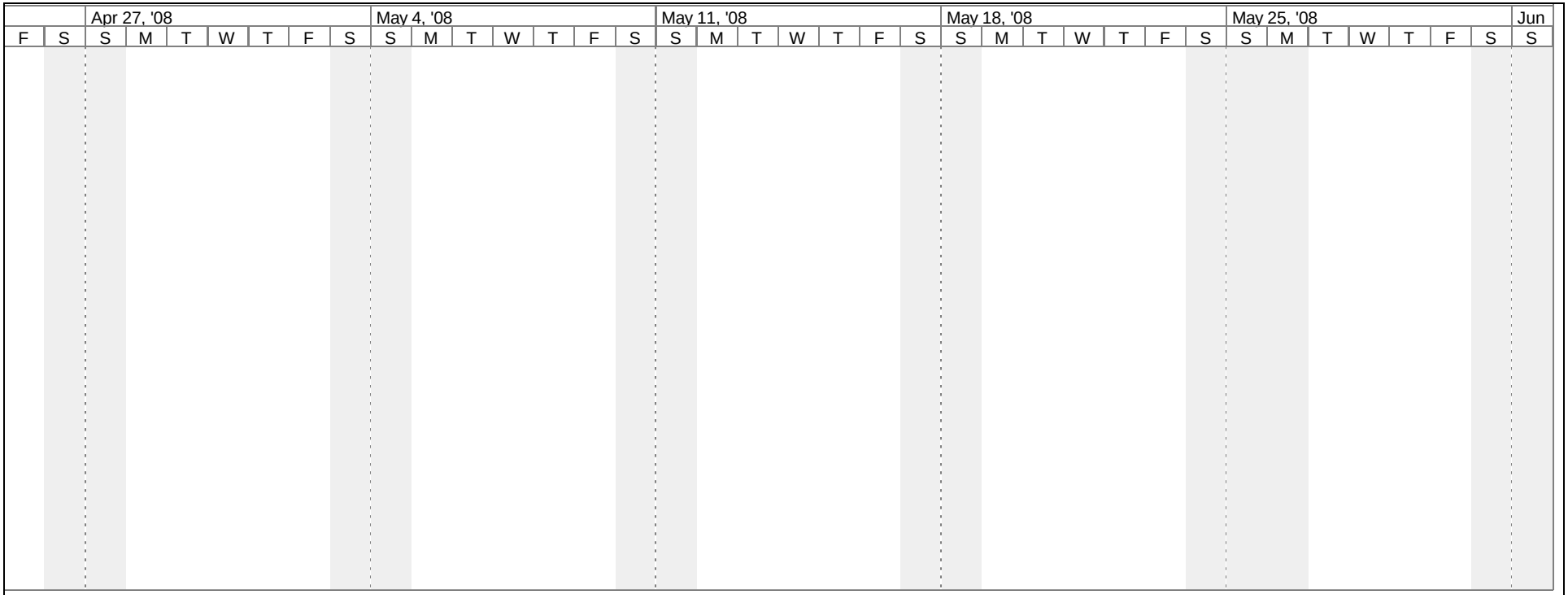

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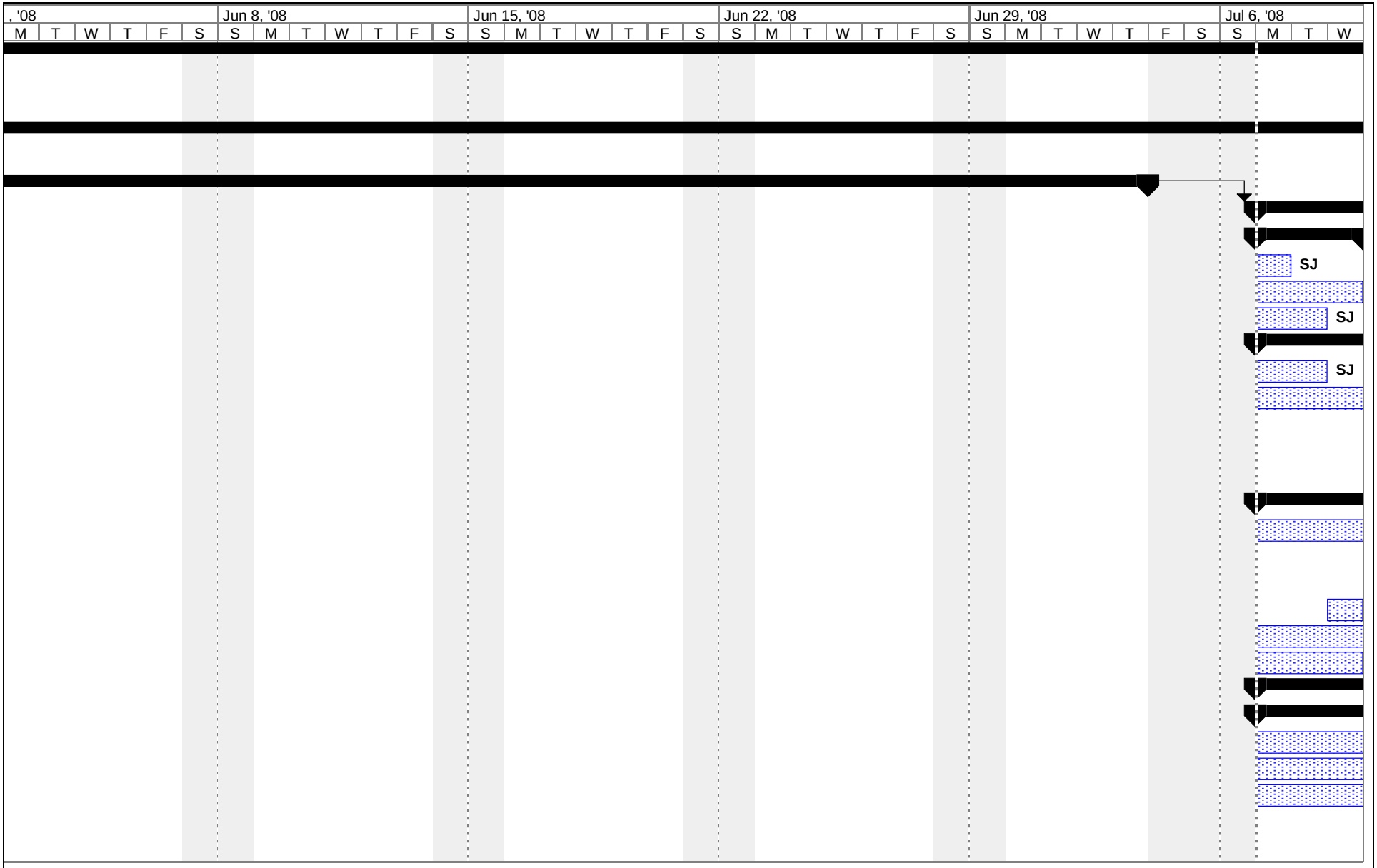

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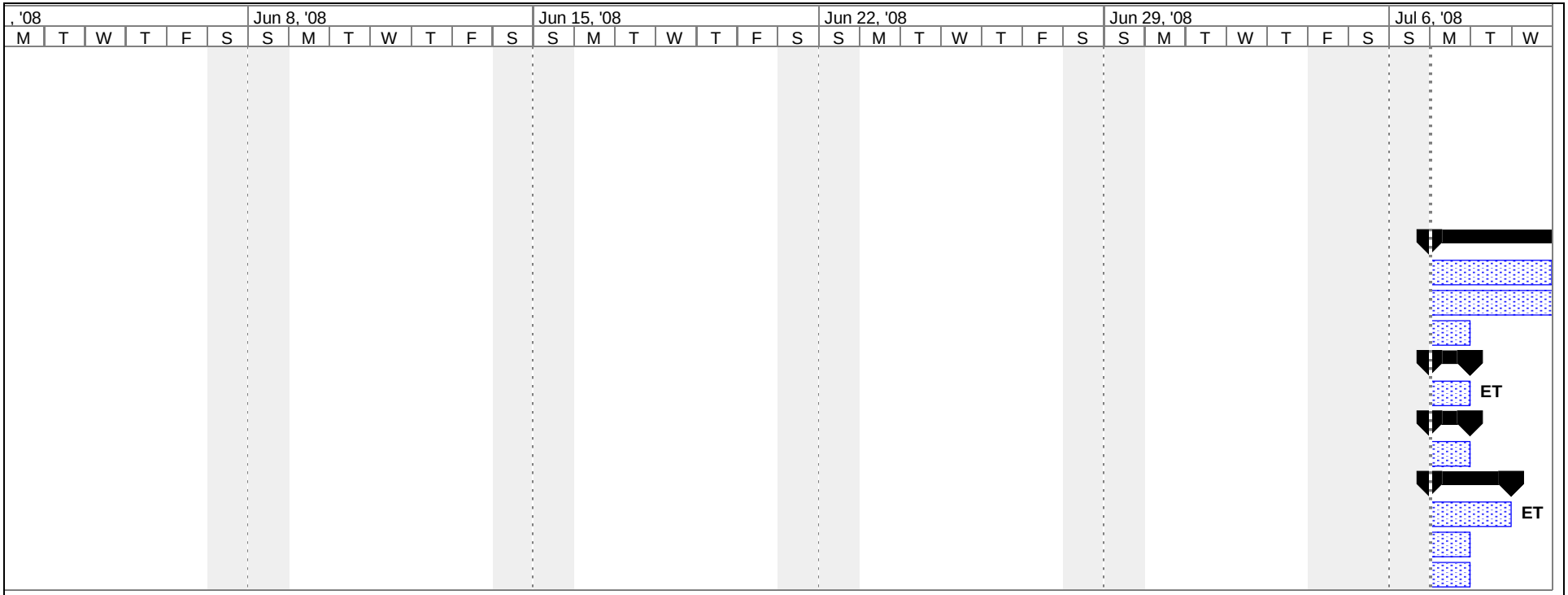

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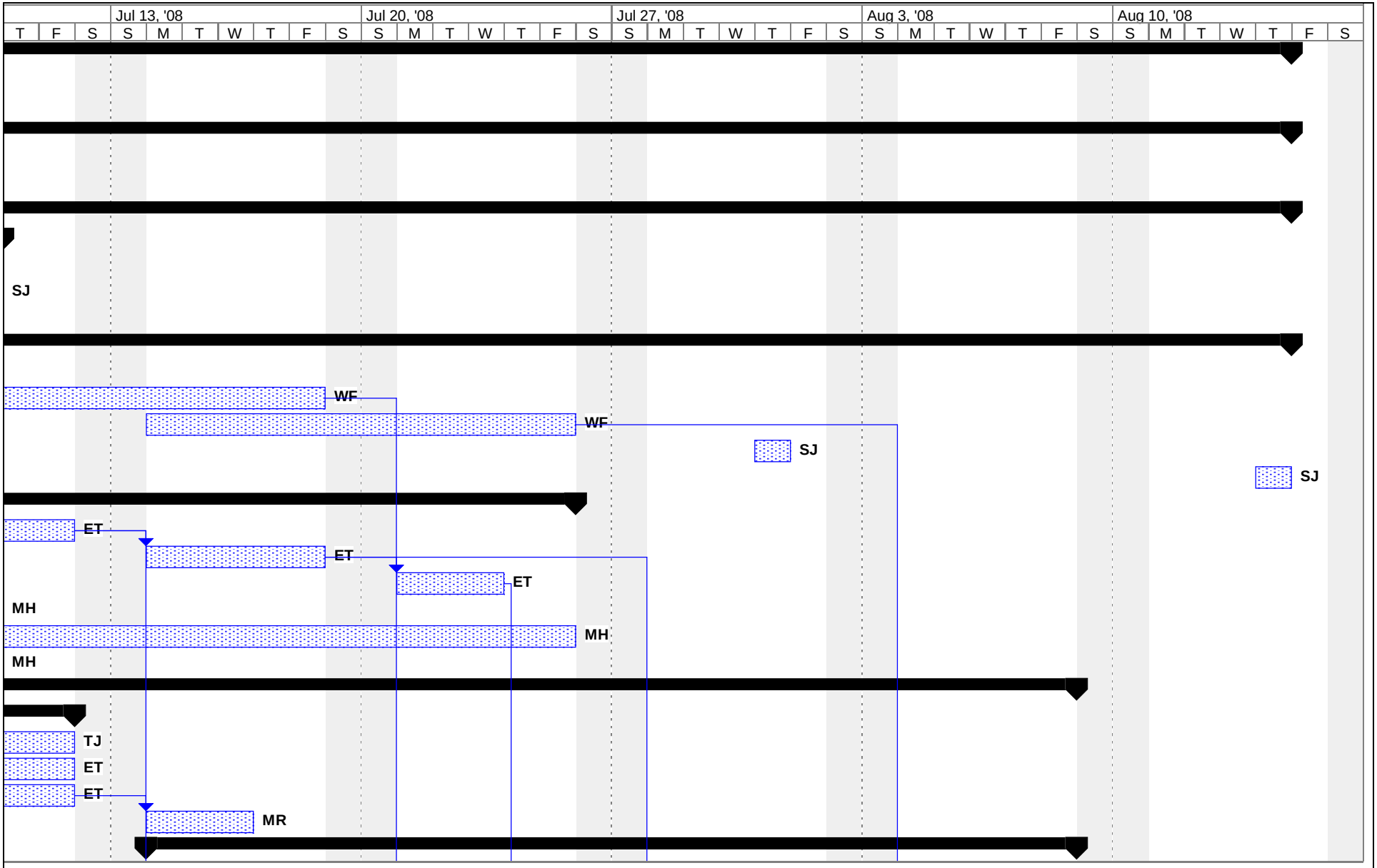

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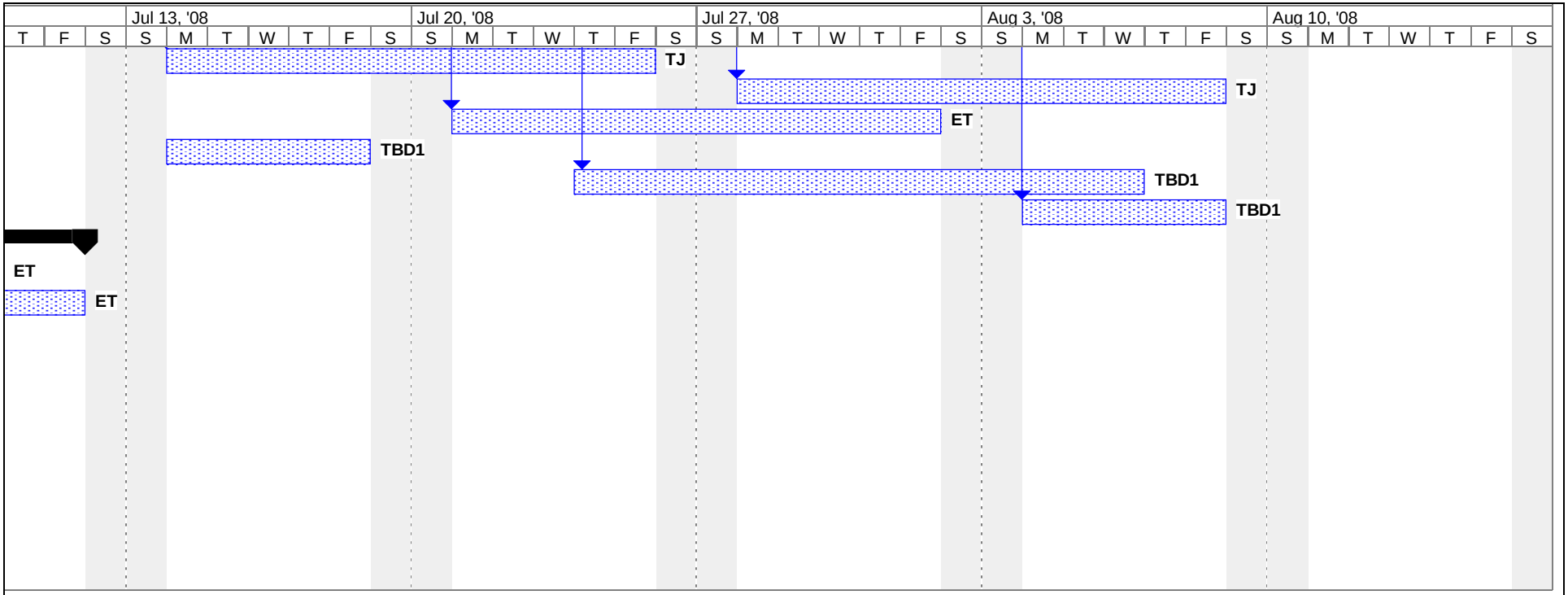

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