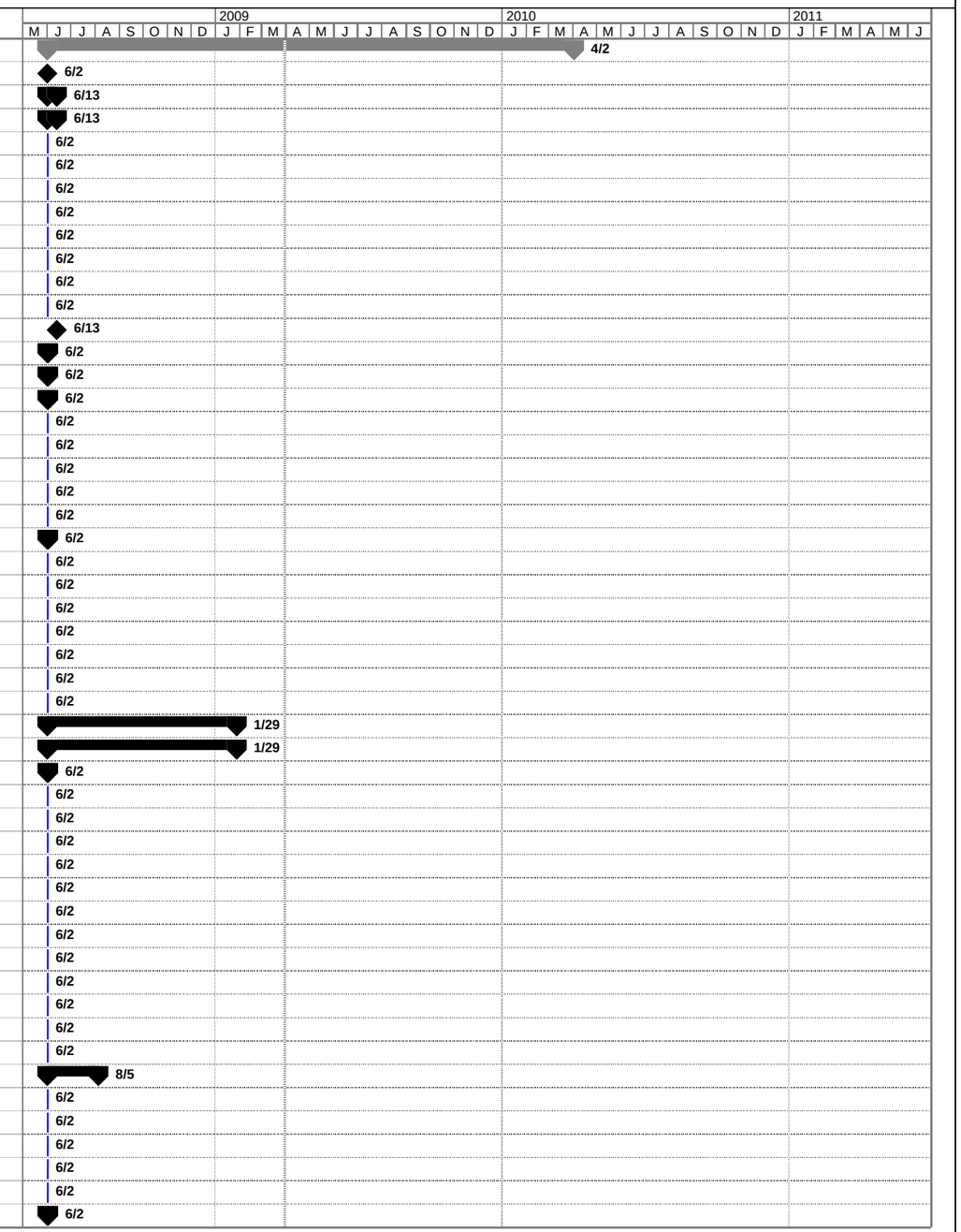
ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1	**Nodal IPS**	**CRR - Congestion Revenue Rights**	**449 days**	**34%**	**Mon 6/2/08**	**Fri 4/2/10**
1	CRR	CRR Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
2	**CRR**	**Milestones**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
3	**CRR**	**Program Level Milestones**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
4	CRR	Requirements approved by TPTF	1 day	100%	Mon 6/2/08	Mon 6/2/08
5	CRR	CSD submitted to TPTF	1 day	100%	Mon 6/2/08	Mon 6/2/08
6	CRR	CSD approved by TPTF	1 day	100%	Mon 6/2/08	Mon 6/2/08
7	CRR	Phase 2 SOW Complete	1 day	100%	Mon 6/2/08	Mon 6/2/08
8	CRR	Detailed Design made available to TPTF	1 day	100%	Mon 6/2/08	Mon 6/2/08
9	CRR	Test Cases to iTEST for review	1 day	100%	Mon 6/2/08	Mon 6/2/08
10	CRR	Base product installed (iHEDGE early release)	1 day	100%	Mon 6/2/08	Mon 6/2/08
11	CRR	FAT start	1 day	100%	Mon 6/2/08	Mon 6/2/08
12	CRR	CRR FAT End	0 days	100%	Fri 6/13/08	Fri 6/13/08
13	**CRR**	**Development**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
14	**CRR**	**Business Process development**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
15	**CRR**	**FIRST GROUP OF PROCEDURES**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
16	CRR	Write System Initialization Process Procedures (4.1.1)	1 day	100%	Mon 6/2/08	Mon 6/2/08
17	CRR	Write Set Up Time of Use & Calendar Period Process Procedures (4.2.2)	1 day	100%	Mon 6/2/08	Mon 6/2/08
18	CRR	Write Set-up the CRR Market Process Procedures (4.2.3)	1 day	100%	Mon 6/2/08	Mon 6/2/08
19	CRR	Review First Group of Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
20	CRR	Update procedures with comments	1 day	100%	Mon 6/2/08	Mon 6/2/08
21	**CRR**	**SECOND GROUP OF PROCEDURES**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
22	CRR	Write Run the PCRR Allocation Process Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
23	CRR	Write Run MCFRI Allocation Process Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
24	CRR	Write Evaluate Need for True-up Process Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
25	CRR	Write Run True-up PCRR Allocation Process Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
26	CRR	Write Run True-up MCFRI Allocation Process Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
27	CRR	Review Second Group of Procedures	1 day	100%	Mon 6/2/08	Mon 6/2/08
28	CRR	Update procedures with comments	1 day	100%	Mon 6/2/08	Mon 6/2/08
29	**CRR**	**Stabilization (Standalone)**	**158 days**	**100%**	**Mon 6/2/08**	**Thu 1/29/09**
30	**CRR**	**IT Systems**	**158 days**	**100%**	**Mon 6/2/08**	**Thu 1/29/09**
31	**CRR**	**Pre FAT (at Nexant site)**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
32	CRR	Pre FAT Round 0 - Chandler, AZ	1 day	100%	Mon 6/2/08	Mon 6/2/08
33	CRR	Update & modify Software	1 day	100%	Mon 6/2/08	Mon 6/2/08
34	CRR	Pre FAT kick off - Chandler, AZ	1 day	100%	Mon 6/2/08	Mon 6/2/08
35	CRR	Pre FAT Round 1 - Chandler, AZ	1 day	100%	Mon 6/2/08	Mon 6/2/08
36	CRR	Update & modify Software	1 day	100%	Mon 6/2/08	Mon 6/2/08
37	CRR	Pre FAT Round 2 - San Francisco, CA	1 day	100%	Mon 6/2/08	Mon 6/2/08
38	CRR	Software modifications for delivery	1 day	100%	Mon 6/2/08	Mon 6/2/08
39	CRR	Pre FAT Round 3 - Chandler, AZ	1 day	100%	Mon 6/2/08	Mon 6/2/08
40	CRR	Deliver test results to ERCOT (including Defect list)	1 day	100%	Mon 6/2/08	Mon 6/2/08
41	CRR	ERCOT Review & Approval	1 day	100%	Mon 6/2/08	Mon 6/2/08
42	CRR	Pre-FAT Migration Control Document Draft/Release Notes	1 day	100%	Mon 6/2/08	Mon 6/2/08
43	CRR	Pre FAT (at Nexant site) sign-off	1 day	100%	Mon 6/2/08	Mon 6/2/08
44	**CRR**	**FAT (at ERCOT site)**	**46 days**	**100%**	**Mon 6/2/08**	**Tue 8/5/08**
45	CRR	Hardware Preparation	1 day	100%	Mon 6/2/08	Mon 6/2/08
46	CRR	Access Configuration	1 day	100%	Mon 6/2/08	Mon 6/2/08
47	CRR	Delivery	1 day	100%	Mon 6/2/08	Mon 6/2/08
48	CRR	Product Build	1 day	100%	Mon 6/2/08	Mon 6/2/08
49	CRR	Smoke Test	1 day	100%	Mon 6/2/08	Mon 6/2/08
50	**CRR**	**FAT S1 (Group 1 - 4)**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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51	CRR	Product Testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
52	CRR	Defect Resolution	1 day	100%	Mon 6/2/08	Mon 6/2/08
53	CRR	Migration Control Document/Release Notes	1 day	100%	Mon 6/2/08	Mon 6/2/08
54	CRR	Release Delivery for FAT S1 exit	1 day	100%	Mon 6/2/08	Mon 6/2/08
55	CRR	Product build	1 day	100%	Mon 6/2/08	Mon 6/2/08
56	CRR	Regression	1 day	100%	Mon 6/2/08	Mon 6/2/08
57	CRR	Defect Validation	1 day	100%	Mon 6/2/08	Mon 6/2/08
58	CRR	Defect Resolution	1 day	100%	Mon 6/2/08	Mon 6/2/08
59	CRR	FAT exit release delivery	1 day	100%	Mon 6/2/08	Mon 6/2/08
60	CRR	FAT Exit release migration	1 day	100%	Mon 6/2/08	Mon 6/2/08
61	CRR	FAT Exit release defect validation	1 day	100%	Mon 6/2/08	Mon 6/2/08
62	CRR	FAT Exit release regression	1 day	100%	Mon 6/2/08	Mon 6/2/08
63	CRR	FAT S1 (At ERCOT Site) sign-off	1 day	100%	Mon 6/2/08	Mon 6/2/08
64	**CRR**	**FAT S2 (Group 5) (Integration Part 1 MS-7)(Functionality MS-4a, 4b)**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
65	CRR	Security Test	1 day	100%	Mon 6/2/08	Mon 6/2/08
66	CRR	Deliver FAT S2 Enhancement Test Scripts to Nexant	1 day	100%	Mon 6/2/08	Mon 6/2/08
67	CRR	Review of Test Scripts by Nexant	1 day	100%	Mon 6/2/08	Mon 6/2/08
68	CRR	Delivery	1 day	100%	Mon 6/2/08	Mon 6/2/08
69	CRR	Demo of S2 Enhancements	1 day	100%	Mon 6/2/08	Mon 6/2/08
70	CRR	Release Migration + Smoke	1 day	100%	Mon 6/2/08	Mon 6/2/08
71	CRR	Regression Testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
72	CRR	Release functionality Testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
73	CRR	Defect Resolution	1 day	100%	Mon 6/2/08	Mon 6/2/08
74	CRR	FAT S2 exit release with defect fixes	1 day	100%	Mon 6/2/08	Mon 6/2/08
75	CRR	FAT S2 exit release regression	1 day	100%	Mon 6/2/08	Mon 6/2/08
76	CRR	FAT S2 exit release defect validation	1 day	100%	Mon 6/2/08	Mon 6/2/08
77	CRR	FAT S2 (At ERCOT Site) sign-off	1 day	100%	Mon 6/2/08	Mon 6/2/08
78	**CRR**	**FAT S3 (Integration Part 2 + MS-7a) Security, Optimization Performance**	**46 days**	**100%**	**Mon 6/2/08**	**Tue 8/5/08**
79	CRR	Deliver Outline of Functional Test Scripts	1 day	100%	Mon 6/2/08	Mon 6/2/08
80	CRR	Deliver FAT S3 Enhancement Test Scripts to Nexant	1 day	100%	Mon 6/2/08	Mon 6/2/08
81	CRR	Review of Test Scripts by Nexant	3 days	100%	Mon 6/2/08	Wed 6/4/08
82	CRR	Delivery S3 Functionality + Integration Part 2	1 day	100%	Mon 6/2/08	Mon 6/2/08
83	CRR	Demo of S3 Enhancements	1 day	100%	Mon 6/2/08	Mon 6/2/08
84	CRR	Release Migration + Smoke	2 days	100%	Mon 6/2/08	Tue 6/3/08
85	CRR	Regression Testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
86	CRR	Release Functionality Testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
87	CRR	Release Defect Resolution	1 day	100%	Mon 6/2/08	Mon 6/2/08
88	CRR	FAT S3 defect fix release delivery	0 days	100%	Mon 6/2/08	Mon 6/2/08
89	CRR	FAT S3 defect fix release build & regression	4 days	100%	Mon 6/2/08	Thu 6/5/08
90	CRR	FAT S3 defect fix release defect validation	4 days	100%	Mon 6/2/08	Thu 6/5/08
91	CRR	FAT S3 defect resolution	5 days	100%	Mon 6/2/08	Fri 6/6/08
92	CRR	Defect Patch 1.04 #1446	1 day	100%	Mon 6/2/08	Mon 6/2/08
93	CRR	Defect Patch Build	1 day	100%	Mon 6/2/08	Mon 6/2/08
94	CRR	Defect Patch Regression	3 days	100%	Mon 6/2/08	Wed 6/4/08
95	CRR	Defect Patch Validation	3 days	100%	Mon 6/2/08	Wed 6/4/08
96	CRR	Optimization Performance Testing	46 days	100%	Mon 6/2/08	Tue 8/5/08
97	CRR	Performance testing Defect Resolution	3 days	100%	Mon 6/2/08	Wed 6/4/08
98	CRR	FAT S3 exit build delivery	0 days	100%	Thu 6/5/08	Thu 6/5/08
99	CRR	FAT S3 exit build & regression	3 days	100%	Fri 6/6/08	Tue 6/10/08
100	CRR	FAT S3 exit build defect validation	3 days	100%	Wed 6/11/08	Fri 6/13/08
101	CRR	FAT S3 clean up build delivery (if needed)	0 days	100%	Fri 6/13/08	Fri 6/13/08

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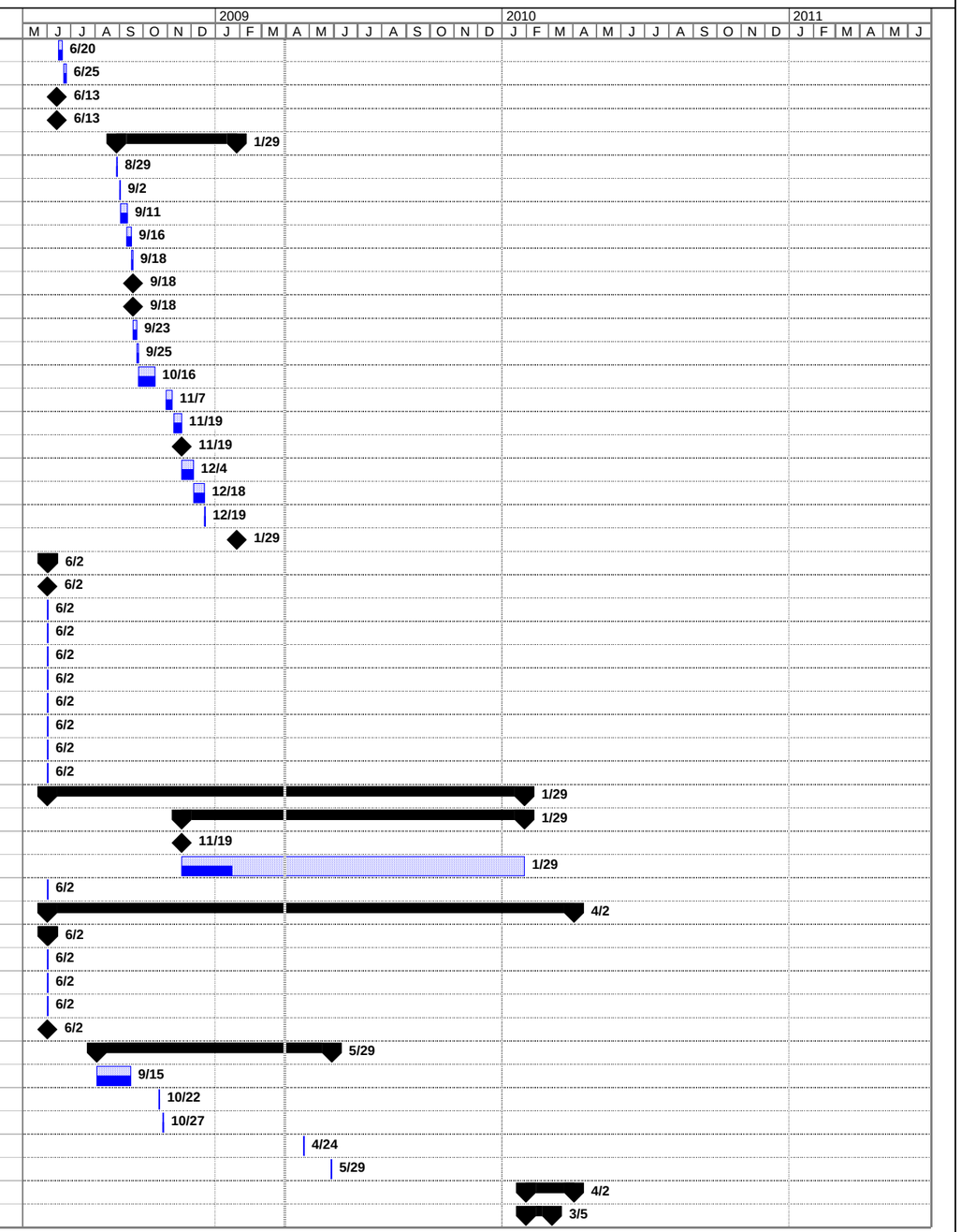
102	CRR	FAT S3 clean up build & regression (if needed)	5 days	100%	Mon 6/16/08	Fri 6/20/08
103	CRR	FAT S3 clean up build defect validation (if needed)	3 days	100%	Mon 6/23/08	Wed 6/25/08
104	CRR	Deliver FAT S3 (At ERCOT Site) sign-off to EDW	0 days	100%	Fri 6/13/08	Fri 6/13/08
106	CRR	Deliver CRR FAT S3 to iTEST	0 days	100%	Fri 6/13/08	Fri 6/13/08
108	**CRR**	**CRR4**	**95 days**	**100%**	**Fri 8/29/08**	**Thu 1/29/09**
109	CRR	Test plan update	1 day	100%	Fri 8/29/08	Fri 8/29/08
110	CRR	Test plan approval	1 day	100%	Tue 9/2/08	Tue 9/2/08
111	CRR	Test scenario & case development	7 days	100%	Wed 9/3/08	Thu 9/11/08
112	CRR	Test scenario & case approval	4 days	100%	Thu 9/11/08	Tue 9/16/08
113	CRR	Test script development	2 days	100%	Wed 9/17/08	Thu 9/18/08
114	CRR	CRR Test script review & approval	0 days	100%	Thu 9/18/08	Thu 9/18/08
115	CRR	CRR4 Vendor Delivery to ERCOT	0 days	100%	Thu 9/18/08	Thu 9/18/08
116	CRR	Vendor Rework & Re-delivery	3 days	100%	Fri 9/19/08	Tue 9/23/08
117	CRR	CRR 4 Build at ERCOT	2 days	100%	Wed 9/24/08	Thu 9/25/08
118	CRR	CRR4 Functionality Testing	15 days	100%	Fri 9/26/08	Thu 10/16/08
119	CRR	CRR4 Nexant Release 1.07 Patch Received	6 days	100%	Fri 10/31/08	Fri 11/7/08
120	CRR	CRR4 Regression Testing	8 days	100%	Mon 11/10/08	Wed 11/19/08
121	CRR	Deliver CRR3 with Statement Tables to iTEST	0 days	100%	Wed 11/19/08	Wed 11/19/08
123	CRR	CRR Patch 1.08 Delivered	8 days	100%	Thu 11/20/08	Thu 12/4/08
124	CRR	Intallation, Regression, & Smoke Test Patch 1.08	10 days	100%	Fri 12/5/08	Thu 12/18/08
125	CRR	CRR4 Sign-off @ ERCOT	1 day	100%	Fri 12/19/08	Fri 12/19/08
126	CRR	Deliver CRR4 to iTEST	0 days	100%	Thu 1/29/09	Thu 1/29/09
129	**CRR**	**Interfaces**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
131	CRR	Receive Network Model from NMMS	0 days	100%	Mon 6/2/08	Mon 6/2/08
132	CRR	Validate REG -> CRR (List of CRR Account Holders)	1 day	100%	Mon 6/2/08	Mon 6/2/08
133	CRR	Validate CMM --> CRR (ACL, Aproval/Denial of Bilateral transactions)	1 day	100%	Mon 6/2/08	Mon 6/2/08
134	CRR	Validate CRR --> CMM (CRR Inventory, CRR Credit Limit, Bilateral CRR Transaction Approval Request)	1 day	100%	Mon 6/2/08	Mon 6/2/08
135	CRR	Validate CRR --> Settlements (Market Transactions, CRR Ownership, Flowgates)	1 day	100%	Mon 6/2/08	Mon 6/2/08
136	CRR	Validate Setllements --> CRR (CRR Payment Confirmation)	1 day	100%	Mon 6/2/08	Mon 6/2/08
137	CRR	Validate CRR --> MMS (DAM) (CRR Ownership)	1 day	100%	Mon 6/2/08	Mon 6/2/08
138	CRR	Validate CRR --> EDW (Replication of CRR Market Data)	1 day	100%	Mon 6/2/08	Mon 6/2/08
139	CRR	Validate CRR --> MIS (CRR Public Data & Reports)	1 day	100%	Mon 6/2/08	Mon 6/2/08
140	**CRR**	**Stabilization (Integrated)**	**404 days**	**12%**	**Mon 6/2/08**	**Fri 1/29/10**
141	**CRR**	**Integration Testing Support**	**283 days**	**12%**	**Wed 11/19/08**	**Fri 1/29/10**
142	CRR	Business Process Integration Testing Support	0 days	100%	Wed 11/19/08	Wed 11/19/08
143	CRR	Integration Testing Defect Management Support	283 days	12%	Thu 11/20/08	Fri 1/29/10
144	CRR	ERCOT integrated test environment hardware	1 day	100%	Mon 6/2/08	Mon 6/2/08
145	**CRR**	**Transition Activities**	**449 days**	**33%**	**Mon 6/2/08**	**Fri 4/2/10**
146	**CRR**	**TCR to CRR Transition Plan**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
147	CRR	Develop draft for ERCOT internal (Nodal, TCR, CMM)	1 day	100%	Mon 6/2/08	Mon 6/2/08
148	CRR	Present to WMS	1 day	100%	Mon 6/2/08	Mon 6/2/08
149	CRR	Present to TPTF	1 day	100%	Mon 6/2/08	Mon 6/2/08
150	CRR	CRR Present to TAC - final sign off	0 days	100%	Mon 6/2/08	Mon 6/2/08
151	**CRR**	**Revise: TCR to CRR Transition Plan**	**200 days**	**94%**	**Mon 8/4/08**	**Fri 5/29/09**
152	CRR	Revise Transtion Plan	30 days	100%	Mon 8/4/08	Mon 9/15/08
153	CRR	Present to WMS	1 day	100%	Wed 10/22/08	Wed 10/22/08
154	CRR	Present to TPTF	1 day	100%	Mon 10/27/08	Mon 10/27/08
155	CRR	Updates to Transition Plan Complete	1 day	0%	Fri 4/24/09	Fri 4/24/09
156	CRR	Present to TAC - final sign off	1 day	0%	Fri 5/29/09	Fri 5/29/09
158	**CRR**	**Project to Home Team**	**45 days**	**0%**	**Mon 2/1/10**	**Fri 4/2/10**
159	**CRR**	**Project Artifacts**	**25 days**	**0%**	**Mon 2/1/10**	**Fri 3/5/10**



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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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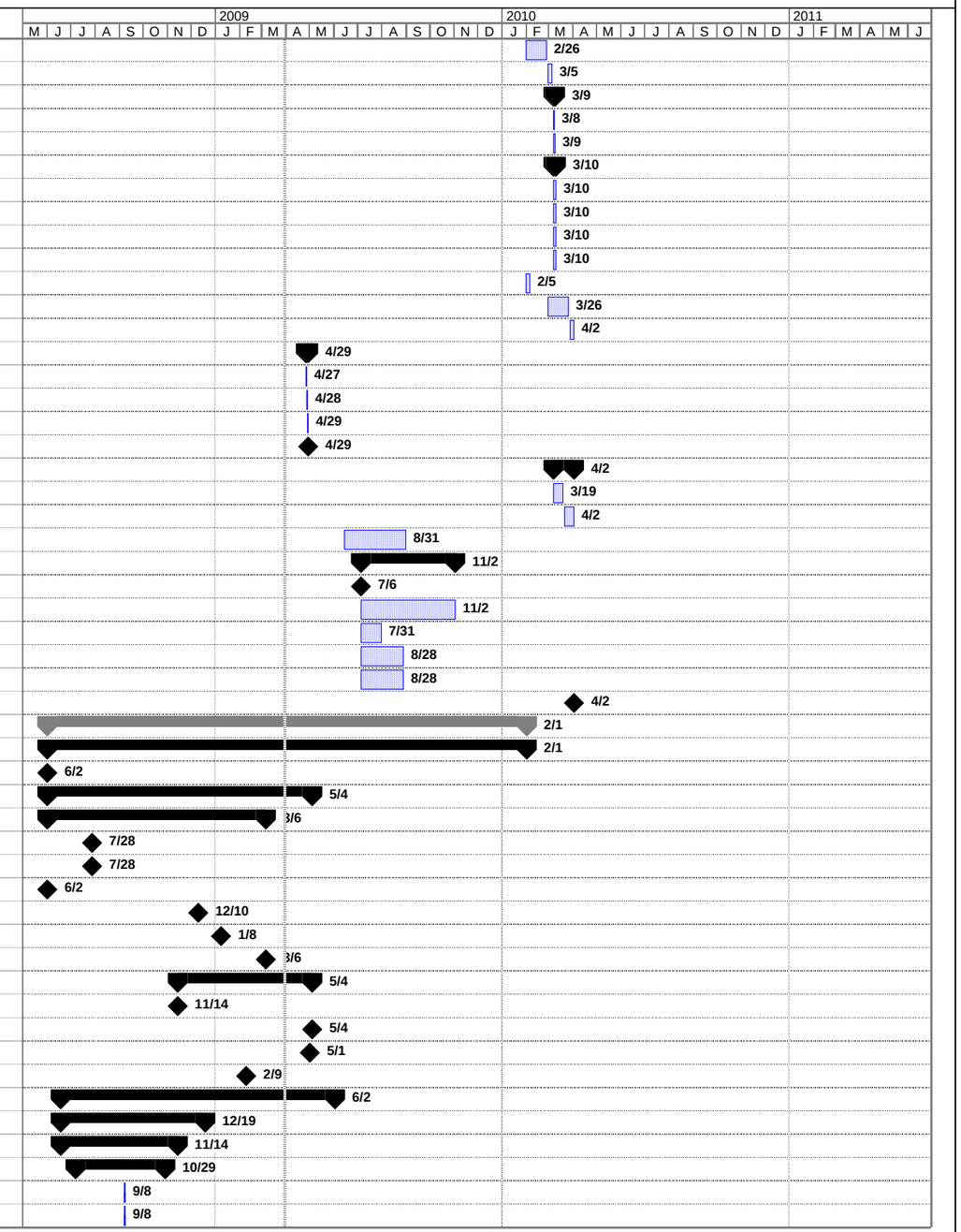
160	CRR	Update As Built documentation	20 days	0%	Mon 2/1/10	Fri 2/26/10
161	CRR	Bundle artifacts	5 days	0%	Mon 3/1/10	Fri 3/5/10
162	**CRR**	**Documentation review & hand-off**	**2 days**	**0%**	**Mon 3/8/10**	**Tue 3/9/10**
163	CRR	Business	1 day	0%	Mon 3/8/10	Mon 3/8/10
164	CRR	IT (development, installation & operational support)	2 days	0%	Mon 3/8/10	Tue 3/9/10
165	**CRR**	**Disposition of hardware**	**3 days**	**0%**	**Mon 3/8/10**	**Wed 3/10/10**
166	CRR	DEV	3 days	0%	Mon 3/8/10	Wed 3/10/10
167	CRR	FAT	3 days	0%	Mon 3/8/10	Wed 3/10/10
168	CRR	ITEST	3 days	0%	Mon 3/8/10	Wed 3/10/10
169	CRR	EDS	3 days	0%	Mon 3/8/10	Wed 3/10/10
170	CRR	Resource Transfer or Roll-off (employees & contractors)	5 days	0%	Mon 2/1/10	Fri 2/5/10
171	CRR	Close-out budget	20 days	0%	Mon 3/1/10	Fri 3/26/10
172	CRR	Data scrub	5 days	0%	Mon 3/29/10	Fri 4/2/10
173	**CRR**	**CRR NPRR 140**	**3 days**	**0%**	**Mon 4/27/09**	**Wed 4/29/09**
174	CRR	Presented to PRS	1 day	0%	Mon 4/27/09	Mon 4/27/09
175	CRR	Presented to TAC	1 day	0%	Tue 4/28/09	Tue 4/28/09
176	CRR	Presented to BOD	1 day	0%	Wed 4/29/09	Wed 4/29/09
177	CRR	Final Approval - CRR NPRR 140	0 days	0%	Wed 4/29/09	Wed 4/29/09
178	**CRR**	**CRR in MOTE**	**20 days**	**0%**	**Mon 3/8/10**	**Fri 4/2/10**
179	CRR	Test CRR in MOTE	10 days	0%	Mon 3/8/10	Fri 3/19/10
180	CRR	Update CRR documentation	10 days	0%	Mon 3/22/10	Fri 4/2/10
181	CRR	CRR Enhancement #TBD: CRR System Upgrade (jBoss 4.3, Java 1.7)	55 days	0%	Mon 6/15/09	Mon 8/31/09
182	**CRR**	**CRR One Line Diagram**	**85 days**	**0%**	**Mon 7/6/09**	**Mon 11/2/09**
183	CRR	CRR One Line Diagram Tasks Based on CCB Approval on EMS Change Item	0 days	0%	Mon 7/6/09	Mon 7/6/09
184	CRR	Provide On-Call Support to EMS	85 days	0%	Mon 7/6/09	Mon 11/2/09
185	CRR	CRR One Line Diagram Test Scripts Writen	20 days	0%	Mon 7/6/09	Fri 7/31/09
186	CRR	CRR Testing of One Line Diagram Complete	40 days	0%	Mon 7/6/09	Fri 8/28/09
187	CRR	CRR One Line Diagram Accessible via MIS	40 days	0%	Mon 7/6/09	Fri 8/28/09
188	CRR	CRR Project End	0 days	0%	Fri 4/2/10	Fri 4/2/10
2	**Nodal IPS**	**EMS - Energy Management System**	**405 days**	**71%**	**Mon 6/2/08**	**Mon 2/1/10**
1	**EMS**	**EMS Program Schedule**	**405 days**	**68%**	**Mon 6/2/08**	**Mon 2/1/10**
2	EMS	EMS Re-plan Start (2)	0 days	100%	Mon 6/2/08	Mon 6/2/08
3	**EMS**	**Interfaces & Dependancies**	**226 days**	**0%**	**Mon 6/2/08**	**Mon 5/4/09**
4	**EMS**	**Receivables**	**185 days**	**100%**	**Mon 6/2/08**	**Fri 3/6/09**
6	EMS	Receive NMMS (Model)-> EMS from NMMS	0 days	100%	Mon 7/28/08	Mon 7/28/08
8	EMS	Receive NMMS -> EMS (OE) w EIP test from NMMS	0 days	100%	Mon 7/28/08	Mon 7/28/08
10	EMS	Receive OS<->EMS Interface test from OS	0 days	100%	Mon 6/2/08	Mon 6/2/08
12	EMS	Receive Synchronized Model (V1.21 schema & data set) NMMS->EMS from NMMS	0 days	100%	Wed 12/10/08	Wed 12/10/08
14	EMS	Receive Validated Model (V1.21 schema & data set) From NMMS	0 days	100%	Thu 1/8/09	Thu 1/8/09
16	EMS	Receive Validated Model (with Final RARF Data V1.21 schema & data set) from NMMS	0 days	100%	Fri 3/6/09	Fri 3/6/09
17	**EMS**	**Deliveries**	**108 days**	**0%**	**Fri 11/14/08**	**Mon 5/4/09**
18	EMS	Deliver EMS-> CDR 3C interface(CDR001,EIP027) to CDR	0 days	100%	Fri 11/14/08	Fri 11/14/08
20	EMS	Deliver EMS-> EDW 3 (replication & reports) to EDW	0 days	0%	Mon 5/4/09	Mon 5/4/09
21	EMS	Deliver EMS->EDW 4 (section 8 reports) to EDW	0 days	0%	Fri 5/1/09	Fri 5/1/09
22	EMS	Deliver EMS->Corrected data for Total Regulation Report to EDW	0 days	100%	Mon 2/9/09	Mon 2/9/09
23	**EMS**	**IMPLEMENTATION & RELEASE (FAT) TESTING**	**233 days**	**93%**	**Thu 6/19/08**	**Tue 6/2/09**
24	**EMS**	**EMS Release 5**	**127 days**	**100%**	**Thu 6/19/08**	**Fri 12/19/08**
25	**EMS**	**EMS Release 5.1.5.X (EMS 5 OE/VSS)**	**105 days**	**100%**	**Thu 6/19/08**	**Fri 11/14/08**
26	**EMS**	**AREVA Development**	**81 days**	**100%**	**Tue 7/8/08**	**Wed 10/29/08**
27	EMS	Develop OE	1 day	100%	Mon 9/8/08	Mon 9/8/08
28	EMS	Develop VSS	1 day	100%	Mon 9/8/08	Mon 9/8/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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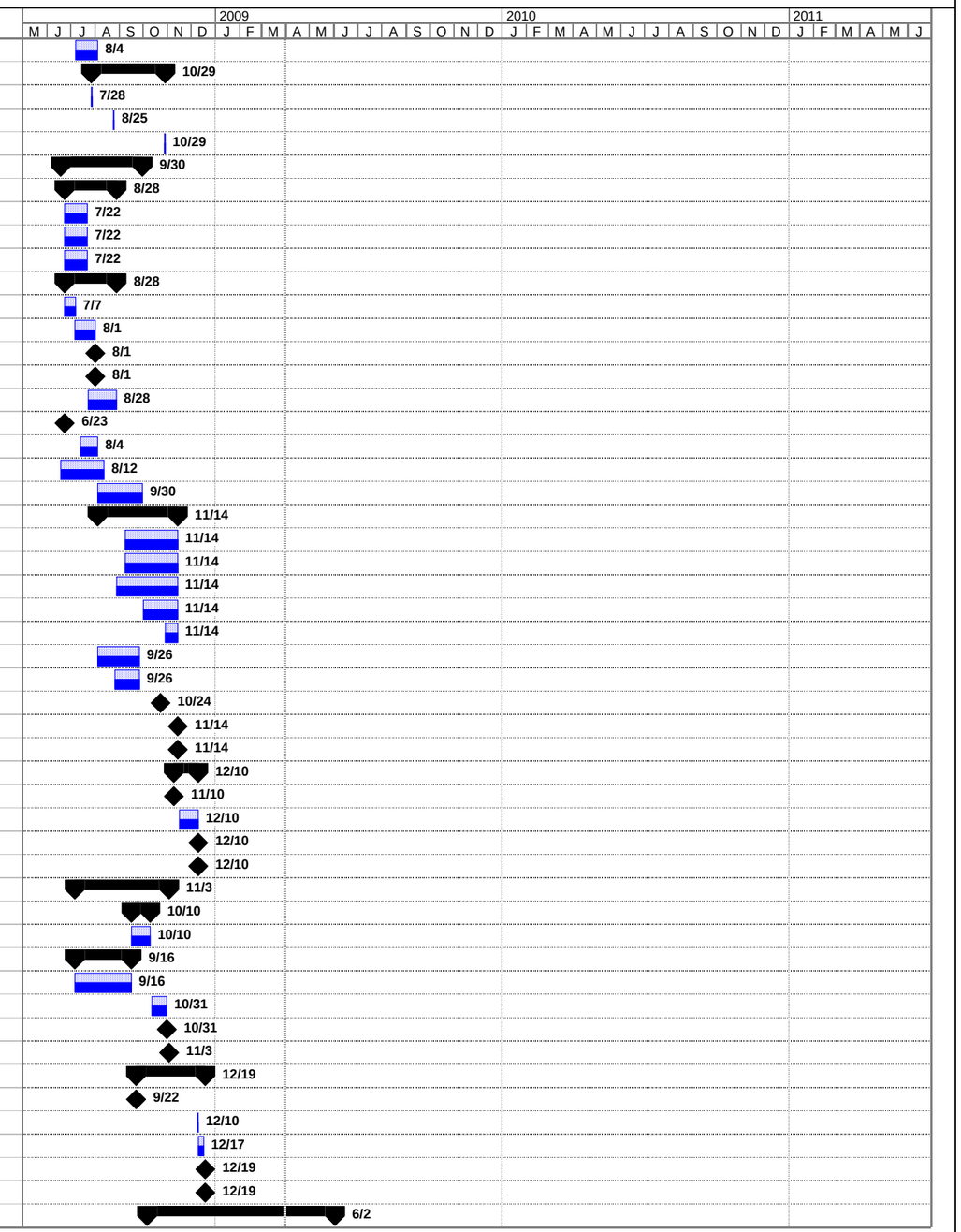
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
29	EMS	Develop Notifications - AREVA	20 days	100%	Tue 7/8/08	Mon 8/4/08
30	**EMS**	**AREVA EMS SPRs Patches**	**67 days**	**100%**	**Mon 7/28/08**	**Wed 10/29/08**
31	EMS	EMS SPR Patch 1	1 day	100%	Mon 7/28/08	Mon 7/28/08
32	EMS	EMS SPR Patch 2	1 day	100%	Mon 8/25/08	Mon 8/25/08
33	EMS	EMS SPR Patch 4	1 day	100%	Wed 10/29/08	Wed 10/29/08
34	**EMS**	**ERCOT Development**	**72 days**	**100%**	**Thu 6/19/08**	**Tue 9/30/08**
35	**EMS**	**Interface release 5**	**47 days**	**100%**	**Mon 6/23/08**	**Thu 8/28/08**
36	EMS	CDR 3C & EDW2	20 days	100%	Tue 6/24/08	Tue 7/22/08
37	EMS	Settlements & Billing SPRs	20 days	100%	Tue 6/24/08	Tue 7/22/08
38	EMS	Weather Interface SPRs	20 days	100%	Tue 6/24/08	Tue 7/22/08
39	**EMS**	**EMS-MMS Interface refactor**	**47 days**	**100%**	**Tue 6/24/08**	**Thu 8/28/08**
40	EMS	Re-design the interface (DDN)	9 days	100%	Tue 6/24/08	Mon 7/7/08
41	EMS	Revise DDN for MMS comments	20 days	100%	Mon 7/7/08	Fri 8/1/08
42	EMS	Deliver Revised DDN to MMS	0 days	100%	Fri 8/1/08	Fri 8/1/08
43	EMS	Receive MMS: Received new mapping tables from EMS for EMS-MMS interface from EMS	0 days	100%	Fri 8/1/08	Fri 8/1/08
44	EMS	Implement the interface	26 days	100%	Thu 7/24/08	Thu 8/28/08
45	EMS	EMS Views/Tables/Data for CDR 3C Avaialbale in iTEST	0 days	100%	Mon 6/23/08	Mon 6/23/08
46	EMS	Total Regulation Report - corrected data present	16 days	100%	Mon 7/14/08	Mon 8/4/08
47	EMS	Notifications ERCOT	38 days	100%	Thu 6/19/08	Tue 8/12/08
48	EMS	Display updates	40 days	100%	Tue 8/5/08	Tue 9/30/08
49	**EMS**	**EMS Release 5.1.5.X (EMS 5 OE/VSS) FAT**	**73 days**	**100%**	**Tue 8/5/08**	**Fri 11/14/08**
50	EMS	Conduct OE FAT	49 days	100%	Tue 9/9/08	Fri 11/14/08
51	EMS	Conduct VSS FAT	49 days	100%	Tue 9/9/08	Fri 11/14/08
52	EMS	Conduct Internal Interfaces 5 FAT	55 days	100%	Fri 8/29/08	Fri 11/14/08
53	EMS	Conduct Displays FAT	32 days	100%	Thu 10/2/08	Fri 11/14/08
54	EMS	Conduct SPR Release FAT	12 days	100%	Thu 10/30/08	Fri 11/14/08
55	EMS	Conduct Notifications AREVA FAT	38 days	100%	Tue 8/5/08	Fri 9/26/08
56	EMS	Conduct Notifications ERCOT FAT	22 days	100%	Wed 8/27/08	Fri 9/26/08
57	EMS	ERCOT CDR Fix Released to iTEST (INT)	0 days	100%	Fri 10/24/08	Fri 10/24/08
59	EMS	EMS Release 5.1.5.X (EMS 5 OE/VSS) FAT Complete	0 days	100%	Fri 11/14/08	Fri 11/14/08
60	EMS	Deliver EMS 5.1.5.x (OE/VSS) to iTEST (IR3-TC2)	0 days	100%	Fri 11/14/08	Fri 11/14/08
62	**EMS**	**EMS Release 5.1.6.x (Habitat 5.6 security Patch) and Interface 6**	**20 days**	**100%**	**Mon 11/10/08**	**Wed 12/10/08**
63	EMS	Receive Notice of Security Patch Available (External to Nodal)	0 days	100%	Mon 11/10/08	Mon 11/10/08
64	EMS	EMS Release 5.1.6.x (Habitat 5.6 Security Patch) Install and FAT	15 days	100%	Mon 11/17/08	Wed 12/10/08
65	EMS	EMS Release 5.1.6.x (Habitat 5.6 Security Patch) FAT Complete	0 days	100%	Wed 12/10/08	Wed 12/10/08
66	EMS	Delever Release 5.1.6.x (habitat 5.6 security Patch) to iTest	0 days	100%	Wed 12/10/08	Wed 12/10/08
68	**EMS**	**EMS Release 5.1.7.x (CIM Importer)**	**85 days**	**100%**	**Mon 7/7/08**	**Mon 11/3/08**
69	**EMS**	**AREVA Development**	**18 days**	**100%**	**Wed 9/17/08**	**Fri 10/10/08**
70	EMS	Develop EMS CIM Importer 1.20 & Pre-FAT	18 days	100%	Wed 9/17/08	Fri 10/10/08
71	**EMS**	**ERCOT Development**	**51 days**	**100%**	**Mon 7/7/08**	**Tue 9/16/08**
72	EMS	Iterations with NMMS to fix Schemas & populate data	51 days	100%	Mon 7/7/08	Tue 9/16/08
73	EMS	EMS Release 5.1.7.x (CIM Importer 1.20) FAT	15 days	100%	Mon 10/13/08	Fri 10/31/08
74	EMS	EMS Release 5.1.7.x (CIM Importer 1.20) FAT Complete	0 days	100%	Fri 10/31/08	Fri 10/31/08
75	EMS	Deliver Release 5.1.7.x (CIM Importer 1.20) to iTEST & NMMS	0 days	100%	Mon 11/3/08	Mon 11/3/08
78	**EMS**	**EMS Release 5.1.8.x (Habitat 5.7)**	**61 days**	**100%**	**Mon 9/22/08**	**Fri 12/19/08**
79	EMS	Habitat 5.7 Code Receive from AREVA	0 days	100%	Mon 9/22/08	Mon 9/22/08
80	EMS	Re-issue Security Patch w/ bug fix for Habitat 5.7	1 day	100%	Wed 12/10/08	Wed 12/10/08
81	EMS	EMS Release 5.1.8.x (Habitat 5.7) FAT	5 days	100%	Thu 12/11/08	Wed 12/17/08
82	EMS	EMS Release 5.1.8.x (Habitat 5.7) FAT Complete	0 days	100%	Fri 12/19/08	Fri 12/19/08
83	EMS	Deliver Release 5.1.8.x (Habit 5.7) to iTEST	0 days	100%	Fri 12/19/08	Fri 12/19/08
85	**EMS**	**EMS Build 6**	**157 days**	**88%**	**Tue 10/7/08**	**Tue 6/2/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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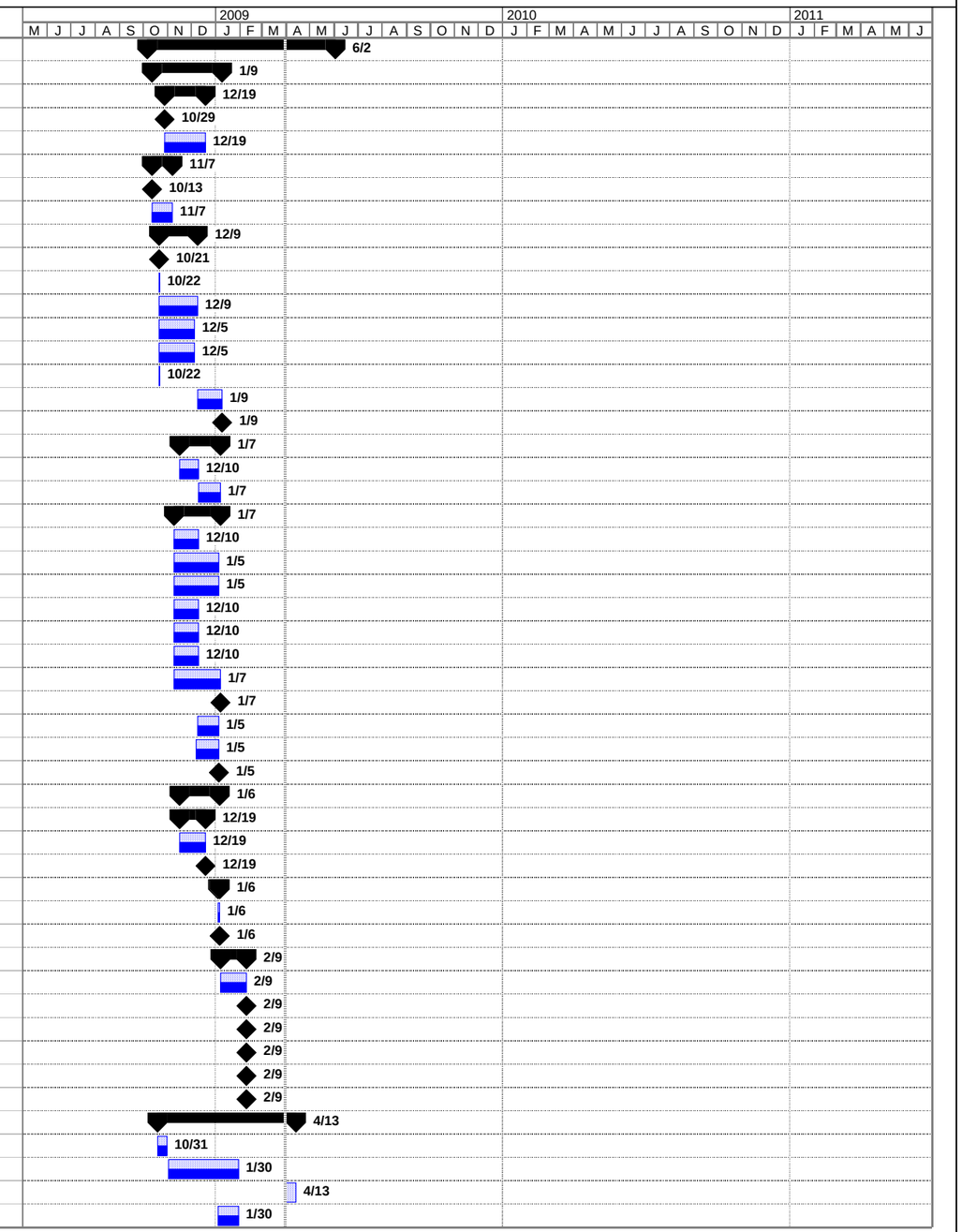
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
86	**EMS**	**EMS 6.X Product Development (Add-Ons Approved by BoD/TPTF)**	**157 days**	**88%**	**Tue 10/7/08**	**Tue 6/2/09**
87	**EMS**	**EMS 6.2.1.x SIG Papers & NPRRs Implementation**	**52 days**	**100%**	**Mon 10/13/08**	**Fri 1/9/09**
88	**EMS**	**MAI Requirements Analysis & I/F Definition**	**35 days**	**100%**	**Wed 10/29/08**	**Fri 12/19/08**
89	EMS	Receive CCB Approval to Develop MAI	0 days	100%	Wed 10/29/08	Wed 10/29/08
90	EMS	Identify EMS Requirements Impacted by MAI	35 days	100%	Wed 10/29/08	Fri 12/19/08
91	**EMS**	**SIG Papers Requirements Analysis & I/F Definition (Update Requirements Docs)**	**20 days**	**100%**	**Mon 10/13/08**	**Fri 11/7/08**
92	EMS	Receive SIG Papers Approvel From BoD (External to Nodal)	0 days	100%	Mon 10/13/08	Mon 10/13/08
93	EMS	Identify EMS Requirements Documents Impacted by SIGs	20 days	100%	Mon 10/13/08	Fri 11/7/08
94	**EMS**	**NPRR Requirements Analysis & I/F Definition (Update Requirements Docs)**	**32 days**	**100%**	**Tue 10/21/08**	**Tue 12/9/08**
95	EMS	NPRRs Approved	0 days	100%	Tue 10/21/08	Tue 10/21/08
96	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 92	1 day	100%	Wed 10/22/08	Wed 10/22/08
97	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 97	32 days	100%	Wed 10/22/08	Tue 12/9/08
98	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 102	30 days	100%	Wed 10/22/08	Fri 12/5/08
99	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 113	30 days	100%	Wed 10/22/08	Fri 12/5/08
100	EMS	Identify EMS Requirements Impacted by Approved NPRRs No. 119	1 day	100%	Wed 10/22/08	Wed 10/22/08
101	EMS	Update EMS Requirements Documents as Needed	13 days	100%	Wed 12/10/08	Fri 1/9/09
102	EMS	EMS Requirements Documents Revisions Complete	0 days	100%	Fri 1/9/09	Fri 1/9/09
103	**EMS**	**Areva OTS/EMS Code Merge**	**25 days**	**100%**	**Mon 11/17/08**	**Wed 1/7/09**
104	EMS	Code Merge Planning	15 days	100%	Mon 11/17/08	Wed 12/10/08
105	EMS	OTS Code Merging	10 days	100%	Thu 12/11/08	Wed 1/7/09
106	**EMS**	**ERCOT SIG & NPRR Development**	**30 days**	**100%**	**Mon 11/10/08**	**Wed 1/7/09**
107	EMS	SIG0002 Private Use Networks	20 days	100%	Mon 11/10/08	Wed 12/10/08
108	EMS	SIG0003/9/22 CCP/Resource locations/Trans constraints	28 days	100%	Mon 11/10/08	Mon 1/5/09
109	EMS	SIG0006 Flowgate Modeling	28 days	100%	Mon 11/10/08	Mon 1/5/09
110	EMS	SIG0008-Non-modeled Generation	20 days	100%	Mon 11/10/08	Wed 12/10/08
111	EMS	SIG0020-Rounding	20 days	100%	Mon 11/10/08	Wed 12/10/08
112	EMS	SIG0011-Net Generation	20 days	100%	Mon 11/10/08	Wed 12/10/08
113	EMS	IDA 46 Net Metering (EPS Meter)	30 days	100%	Mon 11/10/08	Wed 1/7/09
114	EMS	ERCOT SIG development Complete	0 days	100%	Wed 1/7/09	Wed 1/7/09
115	EMS	NPRR 97 (1) Changes to Section 8 (EDW 3B)	9 days	100%	Wed 12/10/08	Mon 1/5/09
116	EMS	NPRR 102 (1) PUC Subst. R. 25.505(f), Publication of Resource & Load Information	11 days	100%	Mon 12/8/08	Mon 1/5/09
117	EMS	ERCOT NPRR development complete	0 days	100%	Mon 1/5/09	Mon 1/5/09
118	**EMS**	**EMS 6.2.2.x Interfaces Implementation**	**24 days**	**100%**	**Mon 11/17/08**	**Tue 1/6/09**
119	**EMS**	**Interface 6 (CDR) Development**	**22 days**	**100%**	**Mon 11/17/08**	**Fri 12/19/08**
120	EMS	CDR 4 Interface Development	22 days	100%	Mon 11/17/08	Fri 12/19/08
121	EMS	Interface 6 Complete	0 days	100%	Fri 12/19/08	Fri 12/19/08
122	**EMS**	**Interface 7 (EDW) Development**	**2 days**	**100%**	**Mon 1/5/09**	**Tue 1/6/09**
123	EMS	Interface 7 Development (EDW 3A: Section 8 Reports)	2 days	100%	Mon 1/5/09	Tue 1/6/09
124	EMS	Interface 7 Complete	0 days	100%	Tue 1/6/09	Tue 1/6/09
125	**EMS**	**EMS Release 6.2.x FAT (SIGs, NPRRs and I/F)**	**23 days**	**100%**	**Thu 1/8/09**	**Mon 2/9/09**
126	EMS	Perform 6.2.1.x FAT (SIGs, NPRRs 97, 102)	23 days	100%	Thu 1/8/09	Mon 2/9/09
127	EMS	EMS Release 6.2.1.x FAT Complete (SIGs, NPRRs 97, 102)	0 days	100%	Mon 2/9/09	Mon 2/9/09
128	EMS	Deliver EMS Release 6.2.1.x Phase 3 Source Environment to EDW	0 days	100%	Mon 2/9/09	Mon 2/9/09
130	EMS	Deliver EMS 6.2.2.x Interface 6 to iTest & CDR	0 days	100%	Mon 2/9/09	Mon 2/9/09
132	EMS	Deliver EMS 6.2.2.x Interface 7 to EDW	0 days	100%	Mon 2/9/09	Mon 2/9/09
133	EMS	Deliver Release 6.2.x (SIGs and NPRRs, I/F) to iTest	0 days	100%	Mon 2/9/09	Mon 2/9/09
135	**EMS**	**EMS Release 6.3.X (System Map UI)**	**113 days**	**79%**	**Mon 10/20/08**	**Mon 4/13/09**
136	EMS	Requirements Analysis & Definition	10 days	100%	Mon 10/20/08	Fri 10/31/08
137	EMS	System Map Development	52 days	100%	Mon 11/3/08	Fri 1/30/09
138	EMS	Perform System Map FAT	11 days	0%	Mon 3/30/09	Mon 4/13/09
139	EMS	Market Analyst Interface (MAI) Development	20 days	100%	Mon 1/5/09	Fri 1/30/09



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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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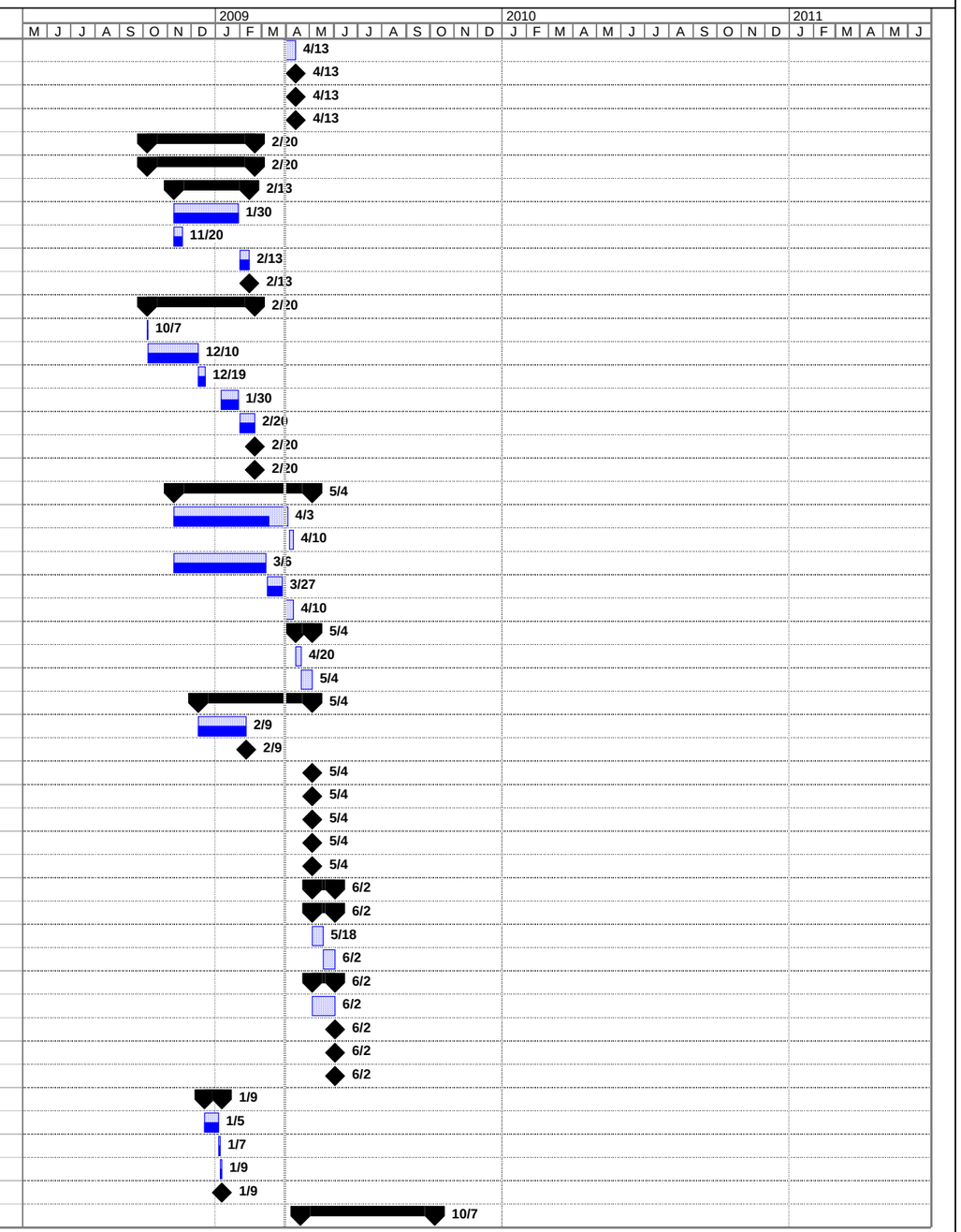
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
140	EMS	Market Analyst Interface (MAI) FAT	11 days	0%	Mon 3/30/09	Mon 4/13/09
141	EMS	Market Analyst Interface (MAI) FAT Complete	0 days	0%	Mon 4/13/09	Mon 4/13/09
142	EMS	EMS 6.3.1.x FAT Complete	0 days	0%	Mon 4/13/09	Mon 4/13/09
143	EMS	Deliver Release 6.3.1.x (System Maps) to iTEST	0 days	0%	Mon 4/13/09	Mon 4/13/09
144	**EMS**	**EMS Release 6.4.1.X (CIM Importer w/ 1.21 Schema)**	**86 days**	**100%**	**Tue 10/7/08**	**Fri 2/20/09**
145	**EMS**	**EMS CIM Importer 1.21 Schema and Areva SIG0002, SIG0008**	**86 days**	**100%**	**Tue 10/7/08**	**Fri 2/20/09**
146	**EMS**	**Areva SIG Development**	**57 days**	**100%**	**Mon 11/10/08**	**Fri 2/13/09**
147	EMS	SIG0008 Non Modeled Generation	47 days	100%	Mon 11/10/08	Fri 1/30/09
148	EMS	IDA 46 Net Metering (EPS Meter)	9 days	100%	Mon 11/10/08	Thu 11/20/08
149	EMS	Perform Areva SIG Release FAT	10 days	100%	Mon 2/2/09	Fri 2/13/09
150	EMS	EMS Release 6.1.3 SIG FAT Complete	0 days	100%	Fri 2/13/09	Fri 2/13/09
151	**EMS**	**CIM 1.21 Refactoring**	**86 days**	**100%**	**Tue 10/7/08**	**Fri 2/20/09**
152	EMS	Define CIM Data Dictionary for 1.21	1 day	100%	Tue 10/7/08	Tue 10/7/08
153	EMS	EMS CIM Importer 1.21 Refactor	43 days	100%	Wed 10/8/08	Wed 12/10/08
154	EMS	CIM Importer 1.21 Test with NMMS Data	7 days	100%	Thu 12/11/08	Fri 12/19/08
155	EMS	Perform CIM Importer 1.21 Pre-FAT (at AREVA)	16 days	100%	Fri 1/9/09	Fri 1/30/09
156	EMS	Perform CIM Importer 1.21 FAT (at ERCOT)	15 days	100%	Mon 2/2/09	Fri 2/20/09
157	EMS	EMS Release 6.4.1.x CIM 1.21 FAT Complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
158	EMS	Deliver Release 6.4.1.x (CIM 121 and SIGs) to iTest	0 days	100%	Fri 2/20/09	Fri 2/20/09
159	**EMS**	**EMS Release 6.5.x (Regression & SPR Patch 2)**	**113 days**	**80%**	**Mon 11/10/08**	**Mon 5/4/09**
160	EMS	SIG0002 Private Use Networks	92 days	80%	Mon 11/10/08	Fri 4/3/09
161	EMS	Areva SIG 0002 FAT	5 days	0%	Mon 4/6/09	Fri 4/10/09
162	EMS	Areva work estimates for EMS SPRs and Gaps	72 days	100%	Mon 11/10/08	Fri 3/6/09
163	EMS	Fix EMS Defects Targeted for SPR Patch 2	15 days	100%	Mon 3/9/09	Fri 3/27/09
164	EMS	Test Patch 2 SPRs and Gaps in DEV	10 days	0%	Mon 3/30/09	Fri 4/10/09
165	**EMS**	**EMS 6.5.1.x SPR Patch 2 Rework**	**15 days**	**0%**	**Tue 4/14/09**	**Mon 5/4/09**
166	EMS	EMS Migration to CVS (Code Validation System)	5 days	0%	Tue 4/14/09	Mon 4/20/09
167	EMS	EMS 6.5.1.X SPR Patch 2 FAT	10 days	0%	Tue 4/21/09	Mon 5/4/09
168	**EMS**	**EMS 6.5.2.x Interfaces**	**93 days**	**99%**	**Thu 12/11/08**	**Mon 5/4/09**
169	EMS	EMS to MMS I/F development and integration tests	33 days	100%	Thu 12/11/08	Mon 2/9/09
170	EMS	Deliver EMS Resources for MMS to EMS Testing to MMS	0 days	100%	Mon 2/9/09	Mon 2/9/09
171	EMS	Deliver Phase 3 EMS Replication to EDW	0 days	0%	Mon 5/4/09	Mon 5/4/09
174	EMS	EMS 6.X Ready for Integration	0 days	0%	Mon 5/4/09	Mon 5/4/09
175	EMS	EMS Regression, Integration & Performance Tests Complete	0 days	0%	Mon 5/4/09	Mon 5/4/09
177	EMS	Deliver Integrated EMS (Final) to iTEST	0 days	0%	Mon 5/4/09	Mon 5/4/09
178	EMS	Delivery to EDS/iTEST	0 days	0%	Mon 5/4/09	Mon 5/4/09
179	**EMS**	**EMS Release 6.6.x SPRs Patch 3**	**20 days**	**0%**	**Tue 5/5/09**	**Tue 6/2/09**
180	**EMS**	**EMS 6.6.1.x SPR Rework**	**20 days**	**0%**	**Tue 5/5/09**	**Tue 6/2/09**
181	EMS	Maintenance and Rework for EMS Code SPRs.	10 days	0%	Tue 5/5/09	Mon 5/18/09
182	EMS	SPRs Patch 3 EMS Code FAT	10 days	0%	Tue 5/19/09	Tue 6/2/09
183	**EMS**	**EMS 6.6.2.x EDW Phase 4 Interfaces**	**20 days**	**0%**	**Tue 5/5/09**	**Tue 6/2/09**
184	EMS	EDW Phase 4 Interfaces Development	20 days	0%	Tue 5/5/09	Tue 6/2/09
185	EMS	Deliver Phase 4 Technical Spec to EDW	0 days	0%	Tue 6/2/09	Tue 6/2/09
187	EMS	Deliver Phase 4 EMS Replication Section 17 Compliance Tableset Delta to iTEST	0 days	0%	Tue 6/2/09	Tue 6/2/09
188	EMS	Deliver Release 6.6.X SPR Patch 3 Code & I/F) to iTEST	0 days	0%	Tue 6/2/09	Tue 6/2/09
190	**EMS**	**EMS Study Apps Performance Tests**	**6 days**	**100%**	**Fri 12/19/08**	**Fri 1/9/09**
191	EMS	Study Performance Test plan/procedures	2 days	100%	Fri 12/19/08	Mon 1/5/09
192	EMS	Study Server Performance Tests	2 days	100%	Tue 1/6/09	Wed 1/7/09
193	EMS	Study Peformance Test SPRs	2 days	100%	Thu 1/8/09	Fri 1/9/09
194	EMS	EMS Study Apps Performance Tests Complete	0 days	100%	Fri 1/9/09	Fri 1/9/09
195	**EMS**	**Zonal Seed SEM for Go Live to NMMS & EDS**	**120 days**	**0%**	**Mon 4/20/09**	**Wed 10/7/09**



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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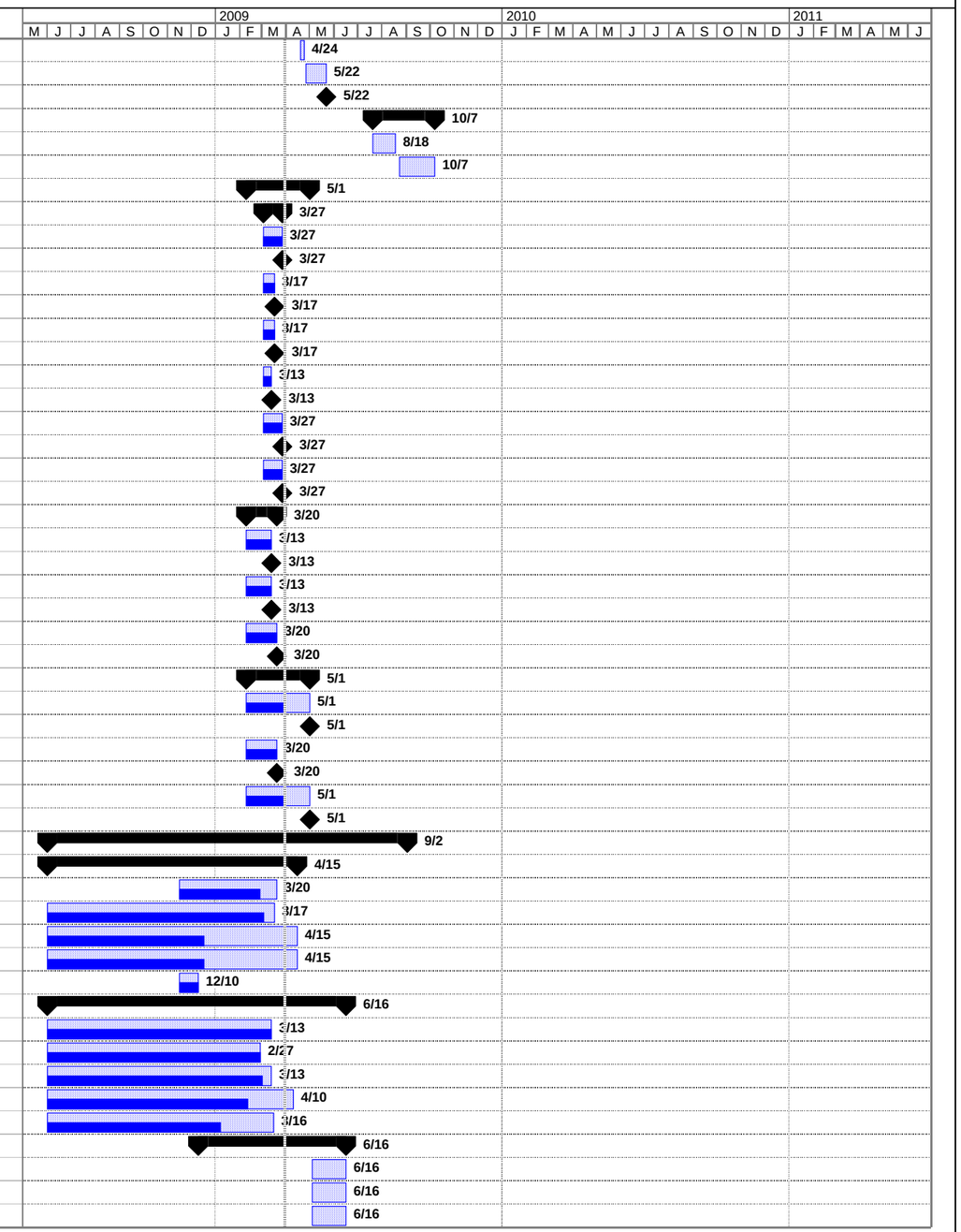
196	EMS	EMS Prepares Zonal Savecases for AREVA	5 days	0%	Mon 4/20/09	Fri 4/24/09
197	EMS	Prepare Zonal Seed for Validation SEM Go-live from AREVA	20 days	0%	Mon 4/27/09	Fri 5/22/09
198	EMS	Deliver Zonal Seed for Validation SEM Go Live to NMMS	0 days	0%	Fri 5/22/09	Fri 5/22/09
200	**EMS**	**SEM Support (NMMS Funded)**	**56 days**	**0%**	**Tue 7/21/09**	**Wed 10/7/09**
202	EMS	Support Data Consistency test (Stage 1)	21 days	0%	Tue 7/21/09	Tue 8/18/09
204	EMS	Support Data Consistency test (Stage 2)	32 days	0%	Mon 8/24/09	Wed 10/7/09
205	**EMS**	**EDW Reporting Requirments Definition**	**59 days**	**85%**	**Tue 2/10/09**	**Fri 5/1/09**
206	**EMS**	**EMS 6.2.x EDW Reports Requirements**	**18 days**	**100%**	**Wed 3/4/09**	**Fri 3/27/09**
207	EMS	Develop Dynamically Adjusted Transmission Elements (NP6 - 216 - ER) Single Report Requirements (EMS Business	18 days	100%	Wed 3/4/09	Fri 3/27/09
208	EMS	Deliver Dynamically Adjusted Transmission Elements (NP6 - 216 - ER) Single Report Requirements to EDW	0 days	100%	Fri 3/27/09	Fri 3/27/09
210	EMS	Develop ICCP Link Availability Statistics (NP8 - 284 - ER) Report Requirements From (EMS Business)	10 days	100%	Wed 3/4/09	Tue 3/17/09
211	EMS	Deliver ICCP Link Availability Statistics (NP8 - 284 - ER) Report Requirements to EDW	0 days	100%	Tue 3/17/09	Tue 3/17/09
213	EMS	Develop QSE ICCP Link Availability (NP8 - 472 -ER) Report Requirements (EMS Business)	10 days	100%	Wed 3/4/09	Tue 3/17/09
214	EMS	Deliver QSE ICCP Link Availability (NP8 - 472 -ER) Report Requirements to EDW	0 days	100%	Tue 3/17/09	Tue 3/17/09
216	EMS	Develop Total Amount of Regulation Service Deployed (NP6 - 654 - ER) Report Requirements (EMS Business)	8 days	100%	Wed 3/4/09	Fri 3/13/09
217	EMS	Deliver Total Amount of Regulation Service Deployed (NP6 - 654 - ER) Report Requirements to EDW	0 days	100%	Fri 3/13/09	Fri 3/13/09
219	EMS	Develop Regulation Service & Generation Resource Energy Deployment Performance (NP8 - 501 - ER) Report Requ	18 days	100%	Wed 3/4/09	Fri 3/27/09
220	EMS	Deliver Regulation Service & Generation Resource Energy Deployment Performance (NP8 - 501 - ER) Report Requir	0 days	100%	Fri 3/27/09	Fri 3/27/09
222	EMS	Develop Responsive reserve availability (NP8 - 542 - ER) Report Requirements (EMS Business)	18 days	100%	Wed 3/4/09	Fri 3/27/09
223	EMS	Deliver Responsive reserve availability (NP8 - 542 - ER) Report Requirements to EDW	0 days	100%	Fri 3/27/09	Fri 3/27/09
225	**EMS**	**EMS 6.5.X EDW Report Requirements**	**29 days**	**100%**	**Tue 2/10/09**	**Fri 3/20/09**
226	EMS	Develop EMS Phase 3 Additions/Deletions (SESTATS EXTRACT NP3 - 362 - EX) Extract Requirements EMS Busine	24 days	100%	Tue 2/10/09	Fri 3/13/09
227	EMS	Deliver EMS Phase 3 Additions/Deletions (SESTATS EXTRACT NP3 - 362 - EX) Extract Requirements to EDW	0 days	100%	Fri 3/13/09	Fri 3/13/09
228	EMS	Develop Voltage Residuals Vs. Telemetry for Critical Busses (NP3-582-ER) Report Requirements (EMS Business)	24 days	100%	Tue 2/10/09	Fri 3/13/09
229	EMS	Deliver Voltage Residuals Vs. Telemetry for Critical Busses (NP3-582-ER) Report Requirements to EDW	0 days	100%	Fri 3/13/09	Fri 3/13/09
231	EMS	Develop MW Residuals SE Vs RTCA Base case for Congested Transmission Elements (NP3 - 579 - ER) Report Rec	29 days	100%	Tue 2/10/09	Fri 3/20/09
232	EMS	Deliver MW Residuals SE Vs RTCA Base case for Congested Transmission Elements (NP3 - 579 - ER) Report Requ	0 days	100%	Fri 3/20/09	Fri 3/20/09
234	**EMS**	**EMS 6.6.x EDW Report Requirements**	**59 days**	**68%**	**Tue 2/10/09**	**Fri 5/1/09**
235	EMS	Develop Non-Spin Performance Report (NP8 - 383 - ER) Report Requirements (EMS Business)	59 days	60%	Tue 2/10/09	Fri 5/1/09
236	EMS	Deliver Non-Spin Performance Report (NP8 - 383 - ER) Report Requirements to EDW	0 days	0%	Fri 5/1/09	Fri 5/1/09
238	EMS	Develop Historic Non-Spin Availability (NP8 - 504 - ER) Report Requirements (EMS Business)	29 days	100%	Tue 2/10/09	Fri 3/20/09
239	EMS	Deliver Historic Non-Spin Availability (NP8 - 504 - ER) Report Requirements to EDW	0 days	100%	Fri 3/20/09	Fri 3/20/09
241	EMS	Develop Responsive Reserve Performance Report (NP8 - 541 - ER) Report Requirements (EMS Business)	59 days	60%	Tue 2/10/09	Fri 5/1/09
242	EMS	Deliver Responsive Reserve Performance Report (NP8 - 541 - ER) Report Requirements to EDW	0 days	0%	Fri 5/1/09	Fri 5/1/09
244	**EMS**	**EMS Project End-User Deliverable Documentation**	**311 days**	**57%**	**Mon 6/2/08**	**Wed 9/2/09**
245	**EMS**	**AREVA Documents**	**213 days**	**75%**	**Mon 6/2/08**	**Wed 4/15/09**
246	EMS	OE Document AREVA	77 days	80%	Mon 11/17/08	Fri 3/20/09
247	EMS	Load Frequency Control (LFC) DDN	192 days	95%	Mon 6/2/08	Tue 3/17/09
248	EMS	VSS DDN	213 days	65%	Mon 6/2/08	Wed 4/15/09
249	EMS	Mid-Term Load Forecast (MTLF) DDN	213 days	65%	Mon 6/2/08	Wed 4/15/09
250	EMS	VSS Document AREVA	15 days	100%	Mon 11/17/08	Wed 12/10/08
251	**EMS**	**ERCOT Documents**	**256 days**	**83%**	**Mon 6/2/08**	**Tue 6/16/09**
252	EMS	Transmission Congestion Manager (TCM) DDN	190 days	100%	Mon 6/2/08	Fri 3/13/09
253	EMS	Voltage Stability Limit Calculator	180 days	100%	Mon 6/2/08	Fri 2/27/09
254	EMS	External Interfaces Detailed Design	190 days	95%	Mon 6/2/08	Fri 3/13/09
255	EMS	RDB Interface Detailed Design	210 days	80%	Mon 6/2/08	Fri 4/10/09
256	EMS	UI Detailed Design	191 days	75%	Mon 6/2/08	Mon 3/16/09
257	**EMS**	**As built documentation (AREVA)**	**123 days**	**61%**	**Thu 12/11/08**	**Tue 6/16/09**
258	EMS	Display Reference Guides	30 days	0%	Tue 5/5/09	Tue 6/16/09
259	EMS	Operational Guide	30 days	0%	Tue 5/5/09	Tue 6/16/09
260	EMS	Maintenance Guide	30 days	0%	Tue 5/5/09	Tue 6/16/09



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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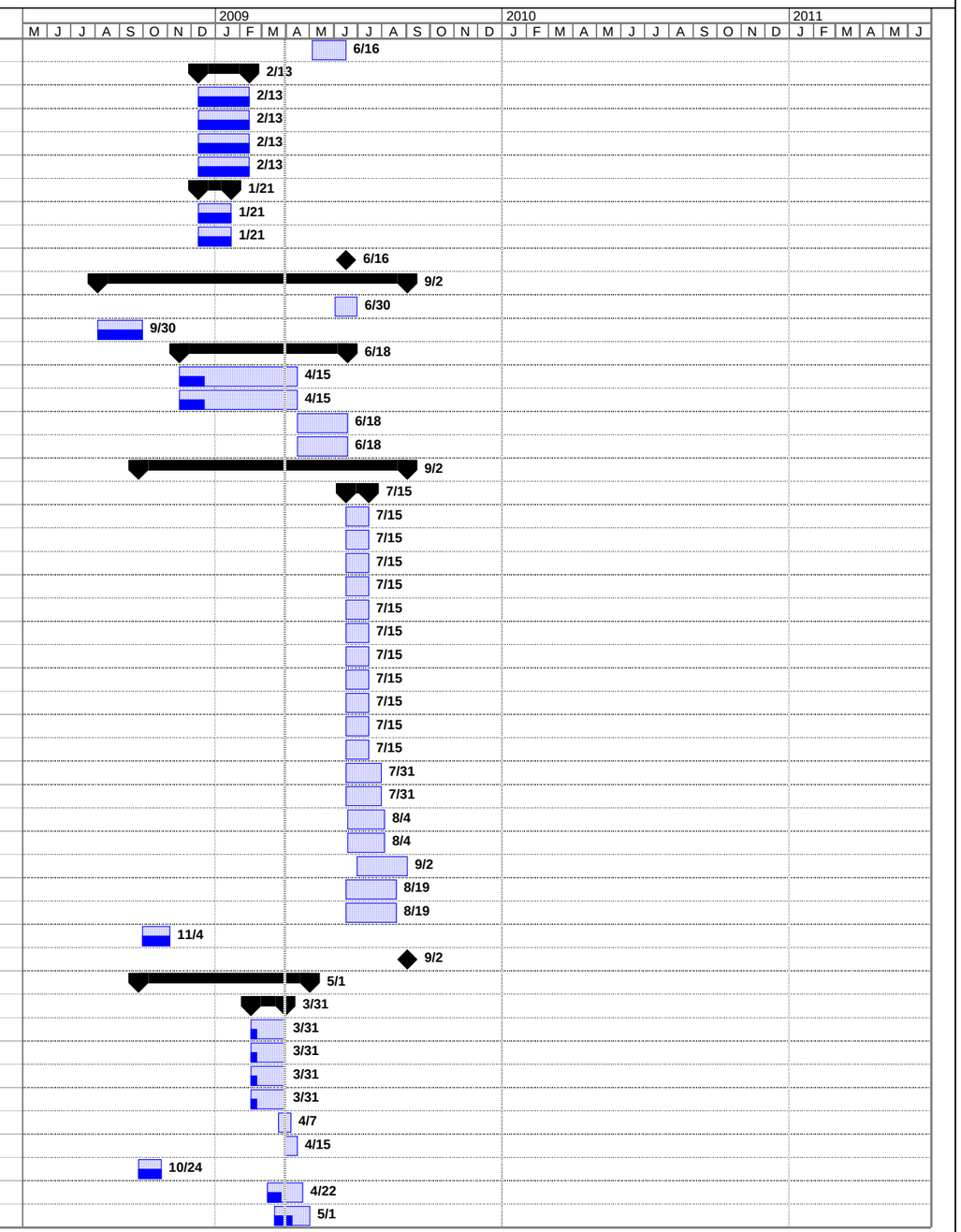
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
261	EMS	User Guide	30 days	0%	Tue 5/5/09	Tue 6/16/09
262	**EMS**	**Update Documents for CIM Importer Model 1.21**	**37 days**	**100%**	**Thu 12/11/08**	**Fri 2/13/09**
263	EMS	OAG DDN update	37 days	100%	Thu 12/11/08	Fri 2/13/09
264	EMS	Gen DDN	37 days	100%	Thu 12/11/08	Fri 2/13/09
265	EMS	SCADA DDN	37 days	100%	Thu 12/11/08	Fri 2/13/09
266	EMS	Network DDN	37 days	100%	Thu 12/11/08	Fri 2/13/09
267	**EMS**	**Areva Updated DDNs for SIGs**	**20 days**	**100%**	**Thu 12/11/08**	**Wed 1/21/09**
268	EMS	SIG0002 Private Use Networks	20 days	100%	Thu 12/11/08	Wed 1/21/09
269	EMS	SIG0008 Non Modeled Generation	20 days	100%	Thu 12/11/08	Wed 1/21/09
270	EMS	AREVA Documentation Complete	0 days	0%	Tue 6/16/09	Tue 6/16/09
271	**EMS**	**ERCOT Documents**	**266 days**	**18%**	**Tue 8/5/08**	**Wed 9/2/09**
272	EMS	System Monitor Document Development	20 days	0%	Wed 6/3/09	Tue 6/30/09
273	EMS	EMS External Interface Document	40 days	100%	Tue 8/5/08	Tue 9/30/08
274	**EMS**	**As built Documentation (ERCOT)**	**140 days**	**15%**	**Mon 11/17/08**	**Thu 6/18/09**
275	EMS	Display Reference Guides (ERCOT Developed)	95 days	22%	Mon 11/17/08	Wed 4/15/09
276	EMS	Operational Guide	95 days	22%	Mon 11/17/08	Wed 4/15/09
277	EMS	Maintenance Guide	45 days	0%	Thu 4/16/09	Thu 6/18/09
278	EMS	User Guide ERCOT Developed	45 days	0%	Thu 4/16/09	Thu 6/18/09
279	**EMS**	**Release Management & Approvals**	**229 days**	**16%**	**Fri 9/26/08**	**Wed 9/2/09**
280	**EMS**	**Use Cases update**	**20 days**	**0%**	**Wed 6/17/09**	**Wed 7/15/09**
281	EMS	Blackout	20 days	0%	Wed 6/17/09	Wed 7/15/09
282	EMS	Data Archival	20 days	0%	Wed 6/17/09	Wed 7/15/09
283	EMS	Data Model Performance Evaluation	20 days	0%	Wed 6/17/09	Wed 7/15/09
284	EMS	State Estimator Performance Evaluation	20 days	0%	Wed 6/17/09	Wed 7/15/09
285	EMS	DC Tie	20 days	0%	Wed 6/17/09	Wed 7/15/09
286	EMS	DMI	20 days	0%	Wed 6/17/09	Wed 7/15/09
287	EMS	Failover	20 days	0%	Wed 6/17/09	Wed 7/15/09
288	EMS	SCADA	20 days	0%	Wed 6/17/09	Wed 7/15/09
289	EMS	Telecommunications Redundancy	20 days	0%	Wed 6/17/09	Wed 7/15/09
290	EMS	Wind Power Forecasting	20 days	0%	Wed 6/17/09	Wed 7/15/09
291	EMS	EMS CIM Importer	20 days	0%	Wed 6/17/09	Wed 7/15/09
292	EMS	Display Reference Guide	32 days	0%	Wed 6/17/09	Fri 7/31/09
293	EMS	Operational Guide	32 days	0%	Wed 6/17/09	Fri 7/31/09
294	EMS	Maintenance Guide	32 days	0%	Fri 6/19/09	Tue 8/4/09
295	EMS	User Guide	32 days	0%	Fri 6/19/09	Tue 8/4/09
296	EMS	System Monitoring Document	45 days	0%	Wed 7/1/09	Wed 9/2/09
297	EMS	Update previously approved Use cases?	45 days	0%	Wed 6/17/09	Wed 8/19/09
298	EMS	Update previously approved DD docs?	45 days	0%	Wed 6/17/09	Wed 8/19/09
299	EMS	Review EMS External Interface Specification	25 days	100%	Wed 10/1/08	Tue 11/4/08
300	EMS	All Release Management Approvals Complete	0 days	0%	Wed 9/2/09	Wed 9/2/09
301	**EMS**	**QA New Documents**	**143 days**	**32%**	**Fri 9/26/08**	**Fri 5/1/09**
302	**EMS**	**CIM Importer - QA Reviews**	**32 days**	**17%**	**Mon 2/16/09**	**Tue 3/31/09**
303	EMS	OAG DDN - QA	32 days	17%	Mon 2/16/09	Tue 3/31/09
304	EMS	GEN DDN - QA	32 days	17%	Mon 2/16/09	Tue 3/31/09
305	EMS	SCADA DDN - QA	32 days	17%	Mon 2/16/09	Tue 3/31/09
306	EMS	NETWORK DDN - QA	32 days	17%	Mon 2/16/09	Tue 3/31/09
307	EMS	OE Document ERCOT - QA	12 days	0%	Mon 3/23/09	Tue 4/7/09
308	EMS	VSS Document ERCOT - QA	11 days	0%	Wed 4/1/09	Wed 4/15/09
309	EMS	LFC (Includes FSS) - QA	21 days	100%	Fri 9/26/08	Fri 10/24/08
310	EMS	MTLF (zonal development/picked up by Nodal) - QA	33 days	40%	Mon 3/9/09	Wed 4/22/09
311	EMS	Load Frequency Control (LFC) DDN	33 days	50%	Wed 3/18/09	Fri 5/1/09



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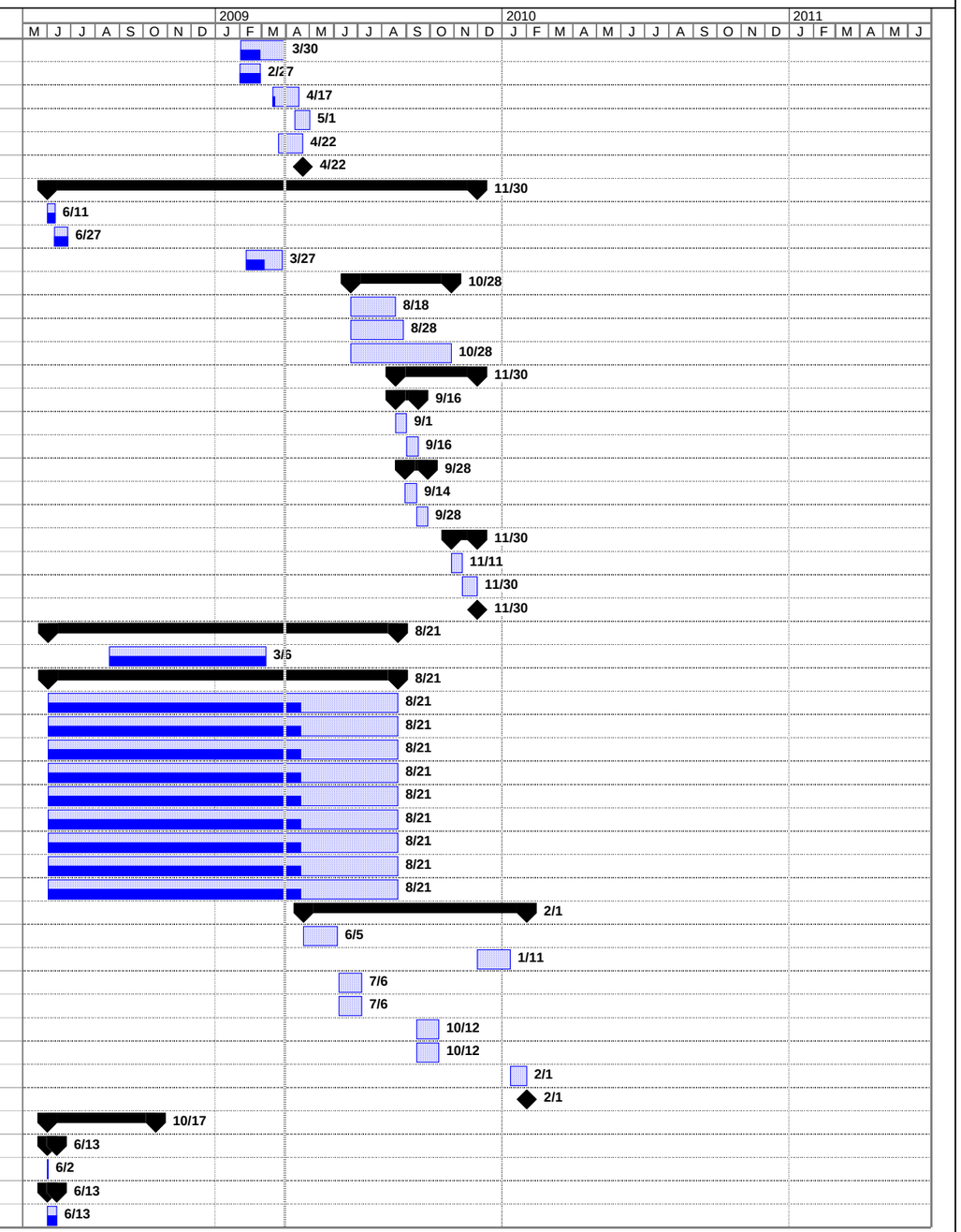
312	EMS	Transmission Congestion Manager (TCM) DDN	40 days	47%	Tue 2/3/09	Mon 3/30/09
313	EMS	Voltage Stability Limit Calculator DDN	20 days	100%	Mon 2/2/09	Fri 2/27/09
314	EMS	External Interfaces Detailed Design	25 days	10%	Mon 3/16/09	Fri 4/17/09
315	EMS	RDB Interface Detailed Design	15 days	0%	Mon 4/13/09	Fri 5/1/09
316	EMS	UI Detailed Design	23 days	0%	Mon 3/23/09	Wed 4/22/09
317	EMS	QA New Documents Completed	0 days	0%	Wed 4/22/09	Wed 4/22/09
318	**EMS**	**EMS Project Training**	**370 days**	**13%**	**Mon 6/2/08**	**Mon 11/30/09**
319	EMS	Develop EMS Trainng Plan	8 days	100%	Mon 6/2/08	Wed 6/11/08
320	EMS	Approval of Training Plan (EMMS Dev / Support & Ops)	13 days	100%	Wed 6/11/08	Fri 6/27/08
321	EMS	Define EMS courses content	34 days	50%	Tue 2/10/09	Fri 3/27/09
322	**EMS**	**Training Course Development**	**90 days**	**0%**	**Tue 6/23/09**	**Wed 10/28/09**
323	EMS	Develop Product Training Lite (PTL)	40 days	0%	Tue 6/23/09	Tue 8/18/09
324	EMS	Develop Application Support Training (AST)	48 days	0%	Tue 6/23/09	Fri 8/28/09
325	EMS	Develop User/Product Training (UPT)	90 days	0%	Tue 6/23/09	Wed 10/28/09
326	**EMS**	**Training Delivery**	**70 days**	**0%**	**Wed 8/19/09**	**Mon 11/30/09**
327	**EMS**	**Product Training Lite (PTL)**	**20 days**	**0%**	**Wed 8/19/09**	**Wed 9/16/09**
328	EMS	EMS PTL #1	10 days	0%	Wed 8/19/09	Tue 9/1/09
329	EMS	EMS PTL #2	10 days	0%	Wed 9/2/09	Wed 9/16/09
330	**EMS**	**Application Support Training (AST)**	**20 days**	**0%**	**Mon 8/31/09**	**Mon 9/28/09**
331	EMS	EMS AST #1	10 days	0%	Mon 8/31/09	Mon 9/14/09
332	EMS	EMS AST #2	10 days	0%	Tue 9/15/09	Mon 9/28/09
333	**EMS**	**User/Product Training (UPT)**	**20 days**	**0%**	**Thu 10/29/09**	**Mon 11/30/09**
334	EMS	EMS UPT #1	10 days	0%	Thu 10/29/09	Wed 11/11/09
335	EMS	EMS UPT #2	10 days	0%	Thu 11/12/09	Mon 11/30/09
336	EMS	Training Delivery Completed	0 days	0%	Mon 11/30/09	Mon 11/30/09
337	**EMS**	**EMS S/W Maintenance & Support (During Project Only)**	**302 days**	**72%**	**Tue 6/3/08**	**Fri 8/21/09**
338	EMS	System build processes maintenance (Align Dev/FAT to EDS system)	129 days	100%	Wed 8/20/08	Fri 3/6/09
339	**EMS**	**Defect Investigation & Re-work**	**302 days**	**71%**	**Tue 6/3/08**	**Fri 8/21/09**
340	EMS	FOD Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
341	EMS	TCM/SE Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
342	EMS	Interfaces Out Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
343	EMS	Interfaces In Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
344	EMS	MTLF Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
345	EMS	CA/DRAP Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
346	EMS	Gen Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
347	EMS	SCADA/System Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
348	EMS	EMS UI Defect Indentification/Resolution	302 days	71%	Tue 6/3/08	Fri 8/21/09
349	**EMS**	**EMS Transition to Home Teams & Close**	**186 days**	**0%**	**Fri 4/24/09**	**Mon 2/1/10**
350	EMS	EMS Transition plan update	30 days	0%	Fri 4/24/09	Fri 6/5/09
351	EMS	EMS Transition to EMMS Development	20 days	0%	Tue 12/1/09	Mon 1/11/10
352	EMS	EMS Transition to Production Support	20 days	0%	Mon 6/8/09	Mon 7/6/09
353	EMS	EMS Transition to NMMS (model maintenance)	20 days	0%	Mon 6/8/09	Mon 7/6/09
354	EMS	EMS Transition to Outage Scheduler (OE)	20 days	0%	Tue 9/15/09	Mon 10/12/09
355	EMS	EMS Transition to Operation Support	20 days	0%	Tue 9/15/09	Mon 10/12/09
356	EMS	EMS Transition to 168 Hour Test	15 days	0%	Tue 1/12/10	Mon 2/1/10
357	EMS	END OF PROJECT	0 days	0%	Mon 2/1/10	Mon 2/1/10
358	**EMS**	**PRIOR WORK COMPLETED IN OLD SCHEDULE (Partial)**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
359	**EMS**	**Zonal Seed Stage 1**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
360	EMS	ERCOT Sends Zonal Save Cases to AREVA	1 day	100%	Mon 6/2/08	Mon 6/2/08
361	**EMS**	**AREVA**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
362	EMS	Develop the Export XML file	10 days	100%	Mon 6/2/08	Fri 6/13/08



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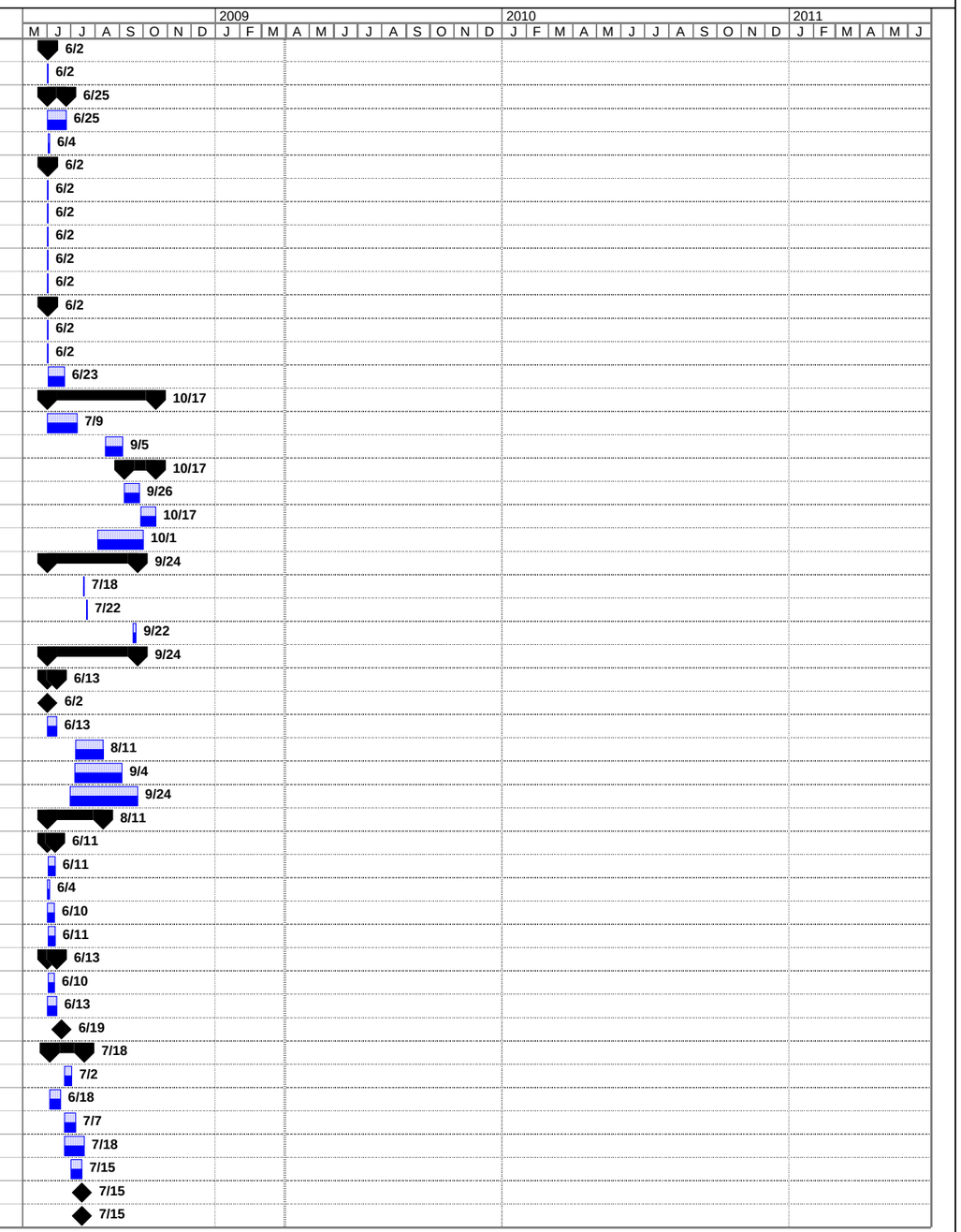
363	**EMS**	**ERCOT**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
364	EMS	Zonal Seed Stage 1 Handoff to NMMS	1 day	100%	Mon 6/2/08	Mon 6/2/08
365	**EMS**	**Development Tasks Completed**	**18 days**	**100%**	**Mon 6/2/08**	**Wed 6/25/08**
366	EMS	FSS	18 days	100%	Mon 6/2/08	Wed 6/25/08
367	EMS	Study Server	2 days	100%	Tue 6/3/08	Wed 6/4/08
368	**EMS**	**Internal release 2 +**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
369	EMS	Dynamic Ratings Enhancements	1 day	100%	Mon 6/2/08	Mon 6/2/08
370	EMS	TCM Enhancements	1 day	100%	Mon 6/2/08	Mon 6/2/08
371	EMS	OS API in FOD	1 day	100%	Mon 6/2/08	Mon 6/2/08
372	EMS	COP API in FOD	1 day	100%	Mon 6/2/08	Mon 6/2/08
373	EMS	Interface patch 2	1 day	100%	Mon 6/2/08	Mon 6/2/08
374	**EMS**	**Internal release 3**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
375	EMS	Interface patch 3	1 day	100%	Mon 6/2/08	Mon 6/2/08
376	EMS	SPRs	1 day	100%	Mon 6/2/08	Mon 6/2/08
377	EMS	Interface release 4	15 days	100%	Tue 6/3/08	Mon 6/23/08
378	**EMS**	**Control room wall board Implementation (CI128)**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
379	EMS	Build internal proof concept'	27 days	100%	Mon 6/2/08	Wed 7/9/08
380	EMS	Evaluate eterra Vision & select	15 days	100%	Fri 8/15/08	Fri 9/5/08
381	**EMS**	**Wall Board Devlopment**	**30 days**	**100%**	**Mon 9/8/08**	**Fri 10/17/08**
382	EMS	WB design Document	15 days	100%	Mon 9/8/08	Fri 9/26/08
383	EMS	EMS WB Doc Review	15 days	100%	Mon 9/29/08	Fri 10/17/08
384	EMS	Displays Updates	41 days	100%	Tue 8/5/08	Wed 10/1/08
385	**EMS**	**Documents**	**81 days**	**100%**	**Mon 6/2/08**	**Wed 9/24/08**
386	EMS	Load Forecast (MTLF) - from zonal	1 day	100%	Fri 7/18/08	Fri 7/18/08
387	EMS	LFC Rqt Doc update	1 day	100%	Tue 7/22/08	Tue 7/22/08
388	EMS	Habitat 5.7 Installation Notes	2 days	100%	Fri 9/19/08	Mon 9/22/08
389	**EMS**	**CIM Importer DDNs Model 1.20**	**81 days**	**100%**	**Mon 6/2/08**	**Wed 9/24/08**
390	**EMS**	**OAG DDN**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
391	EMS	Submitted for ERCOT Review	0 days	100%	Mon 6/2/08	Mon 6/2/08
392	EMS	ERCOT Approval	10 days	100%	Mon 6/2/08	Fri 6/13/08
393	EMS	SCADA DDN	25 days	100%	Tue 7/8/08	Mon 8/11/08
394	EMS	Network DDN	43 days	100%	Mon 7/7/08	Thu 9/4/08
395	EMS	Generation DDN	60 days	100%	Tue 7/1/08	Wed 9/24/08
396	**EMS**	**EMS Release Dates to Exit FAT - Completed**	**50 days**	**100%**	**Mon 6/2/08**	**Mon 8/11/08**
397	**EMS**	**EMS Release 4.1.11.3 (DYNRTG)**	**8 days**	**100%**	**Mon 6/2/08**	**Wed 6/11/08**
398	EMS	Internal release 2	7 days	100%	Tue 6/3/08	Wed 6/11/08
399	EMS	DataMan Patch (30416)	3 days	100%	Mon 6/2/08	Wed 6/4/08
400	EMS	WebFG 3.5 (30841)	7 days	100%	Mon 6/2/08	Tue 6/10/08
401	EMS	FG Builder 5.6 (30894)	7 days	100%	Tue 6/3/08	Wed 6/11/08
402	**EMS**	**EMS Release 4.1.12.3 (Inteface-3)**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
403	EMS	Internal release 3	6 days	100%	Tue 6/3/08	Tue 6/10/08
404	EMS	Study SE	10 days	100%	Mon 6/2/08	Fri 6/13/08
405	EMS	EMS Release 5.1.2.x (RLC Emergency Patch)	0 days	100%	Thu 6/19/08	Thu 6/19/08
406	**EMS**	**EMS Release 5.1.3.3 (EMS 5 Support)**	**31 days**	**100%**	**Wed 6/4/08**	**Fri 7/18/08**
407	EMS	RQT	7 days	100%	Tue 6/24/08	Wed 7/2/08
408	EMS	Study Server	42 days	100%	Wed 6/4/08	Wed 6/18/08
409	EMS	FSS	9 days	100%	Tue 6/24/08	Mon 7/7/08
410	EMS	Internal Interface 4	18 days	100%	Tue 6/24/08	Fri 7/18/08
411	EMS	Alarm configuration (GEN&FOD)	9 days	100%	Wed 7/2/08	Tue 7/15/08
412	EMS	Deliver 5.1.3.3 Release to iTEST	0 days	100%	Tue 7/15/08	Tue 7/15/08
413	EMS	Receive EMS 5.1.3 from EMS	0 days	100%	Tue 7/15/08	Tue 7/15/08



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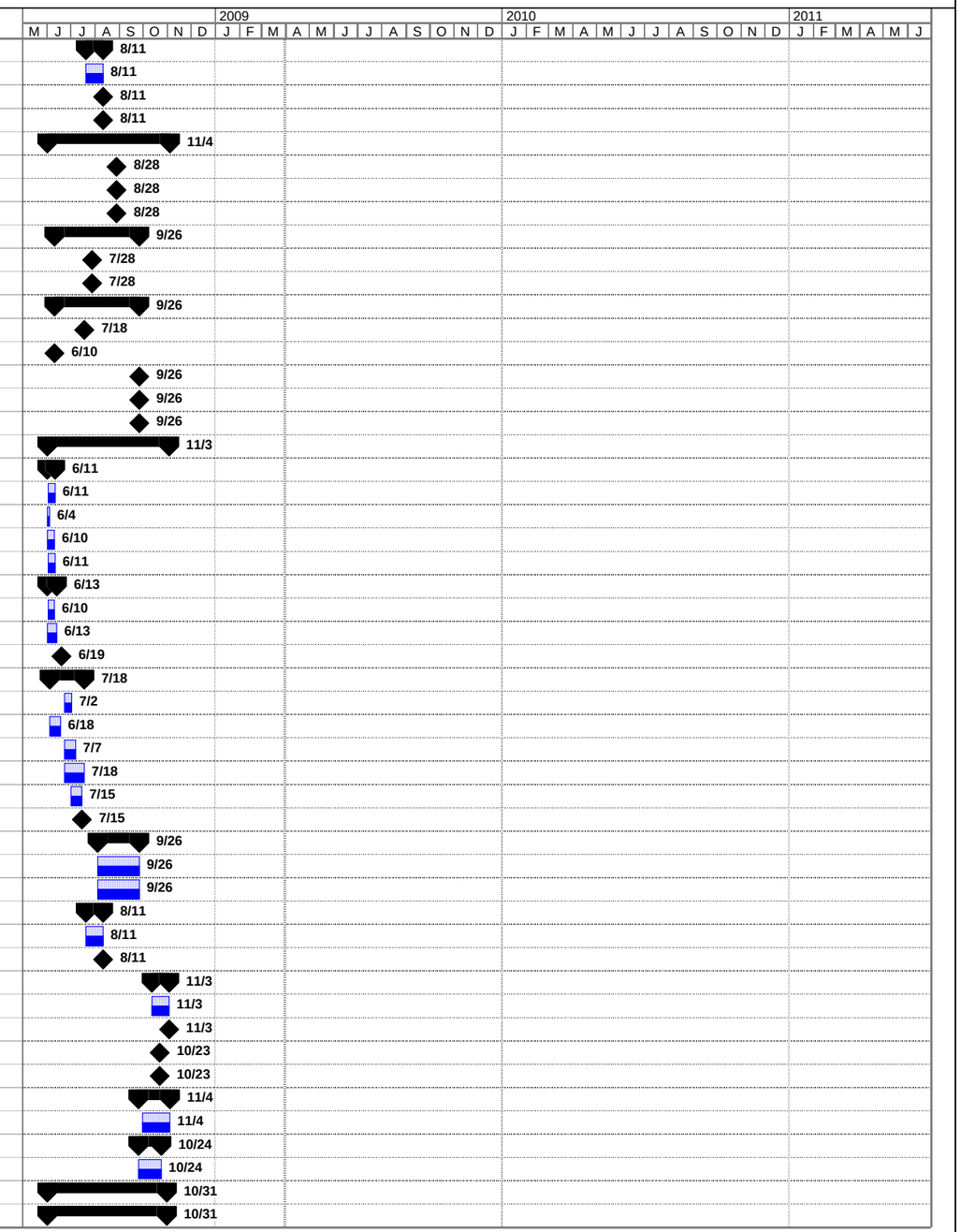
414	**EMS**	**EMS Release 5.1.4.x (VSAT/TSAT, etc)**	**16 days**	**100%**	**Mon 7/21/08**	**Mon 8/11/08**
415	EMS	VSAT/TSAT	16 days	100%	Mon 7/21/08	Mon 8/11/08
416	EMS	Deliver Release 5.1.4.x (VSAT/TSAT) to iTEST	0 days	100%	Mon 8/11/08	Mon 8/11/08
417	EMS	Receive EMS 5.1.4(VSAT/TSAT) from EMS	0 days	100%	Mon 8/11/08	Mon 8/11/08
418	**EMS**	**EMS Replan - Completed by Dave H.**	**110 days**	**100%**	**Mon 6/2/08**	**Tue 11/4/08**
419	**EMS**	**Milestones**	**0 days**	**100%**	**Thu 8/28/08**	**Thu 8/28/08**
420	EMS	Completion of EMS 3 Features Release	0 days	100%	Thu 8/28/08	Thu 8/28/08
421	EMS	Completion of EMS 4 Features Release	0 days	100%	Thu 8/28/08	Thu 8/28/08
422	**EMS**	**Interfaces & Dependancies**	**76 days**	**100%**	**Tue 6/10/08**	**Fri 9/26/08**
423	**EMS**	**Receivables**	**0 days**	**100%**	**Mon 7/28/08**	**Mon 7/28/08**
424	EMS	Receive NMMS (Model)-> EMS from NMMS	0 days	100%	Mon 7/28/08	Mon 7/28/08
425	**EMS**	**Deliveries**	**76 days**	**100%**	**Tue 6/10/08**	**Fri 9/26/08**
426	EMS	Deliver EMS Ready to Intgrate earlier interfaces & releases to CDR	0 days	100%	Fri 7/18/08	Fri 7/18/08
428	EMS	Deliver EMS->EDW Earlier Release interface to EDW	0 days	100%	Tue 6/10/08	Tue 6/10/08
430	EMS	EMS->Notifications w EIP162(ERCOT)	0 days	100%	Fri 9/26/08	Fri 9/26/08
431	EMS	EMS->Notifications w EIP162 (AREVA)	0 days	100%	Fri 9/26/08	Fri 9/26/08
432	EMS	EMS-CDR ready for Itest	0 days	100%	Fri 9/26/08	Fri 9/26/08
433	**EMS**	**EMS Release Dates to Exit FAT**	**109 days**	**100%**	**Mon 6/2/08**	**Mon 11/3/08**
434	**EMS**	**EMS Release 4.1.11.3 (DYNRTG)**	**8 days**	**100%**	**Mon 6/2/08**	**Wed 6/11/08**
435	EMS	Internal release 2	7 days	100%	Tue 6/3/08	Wed 6/11/08
436	EMS	DataMan Patch (30416)	3 days	100%	Mon 6/2/08	Wed 6/4/08
437	EMS	WebFG 3.5 (30841)	7 days	100%	Mon 6/2/08	Tue 6/10/08
438	EMS	FG Builder 5.6 (30894)	7 days	100%	Tue 6/3/08	Wed 6/11/08
439	**EMS**	**EMS Release 4.1.12.3 (Inteface-3)**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
440	EMS	Internal release 3	6 days	100%	Tue 6/3/08	Tue 6/10/08
441	EMS	Study SE	10 days	100%	Mon 6/2/08	Fri 6/13/08
442	EMS	EMS Release 5.1.2.x (RLC Emergency Patch)	0 days	100%	Thu 6/19/08	Thu 6/19/08
443	**EMS**	**EMS Release 5.1.3.3 (EMS 5 Support)**	**31 days**	**100%**	**Wed 6/4/08**	**Fri 7/18/08**
444	EMS	RQT	7 days	100%	Tue 6/24/08	Wed 7/2/08
445	EMS	Study Server	42 days	100%	Wed 6/4/08	Wed 6/18/08
446	EMS	FSS	9 days	100%	Tue 6/24/08	Mon 7/7/08
447	EMS	Internal Interface 4	18 days	100%	Tue 6/24/08	Fri 7/18/08
448	EMS	Alarm configuration (GEN&FOD)	9 days	100%	Wed 7/2/08	Tue 7/15/08
449	EMS	Deliver 5.1.3.3 Release to iTEST	0 days	100%	Tue 7/15/08	Tue 7/15/08
451	**EMS**	**EMS Release 5.1.5.X (EMS 5 OE/VSS)**	**38 days**	**100%**	**Tue 8/5/08**	**Fri 9/26/08**
452	EMS	Notifications ERCOT	38 days	100%	Tue 8/5/08	Fri 9/26/08
453	EMS	Notifications AREVA	38 days	100%	Tue 8/5/08	Fri 9/26/08
454	**EMS**	**EMS Release 5.1.4.x (VSAT/TSAT, etc)**	**16 days**	**100%**	**Mon 7/21/08**	**Mon 8/11/08**
455	EMS	VSAT/TSAT	16 days	100%	Mon 7/21/08	Mon 8/11/08
456	EMS	Deliver Release 5.1.4.x (VSAT/TSAT) to iTEST	0 days	100%	Mon 8/11/08	Mon 8/11/08
458	**EMS**	**EMS Release 5.1.7.x (CIM Importer)**	**16 days**	**100%**	**Mon 10/13/08**	**Mon 11/3/08**
459	EMS	EMS CIM Importer FAT	16 days	100%	Mon 10/13/08	Mon 11/3/08
460	EMS	Deliver Release 5.1.7.x (CIM Importer) to iTEST & NMMS	0 days	100%	Mon 11/3/08	Mon 11/3/08
461	**EMS**	**EMS Release 5.1.8.x**	**0 days**	**100%**	**Thu 10/23/08**	**Thu 10/23/08**
462	EMS	Deliver Release 5.1.8.x (CDR Bug Fix) to CDR	0 days	100%	Thu 10/23/08	Thu 10/23/08
463	**EMS**	**Quality Assurance Documents**	**28 days**	**100%**	**Fri 9/26/08**	**Tue 11/4/08**
464	EMS	Review EMS External Interface Specification	25 days	100%	Wed 10/1/08	Tue 11/4/08
465	**EMS**	**QA New Documents**	**21 days**	**100%**	**Fri 9/26/08**	**Fri 10/24/08**
466	EMS	LFC (Includes FSS) - QA	21 days	100%	Fri 9/26/08	Fri 10/24/08
467	**EMS**	**Implementation**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
468	**EMS**	**AREVA Development**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**

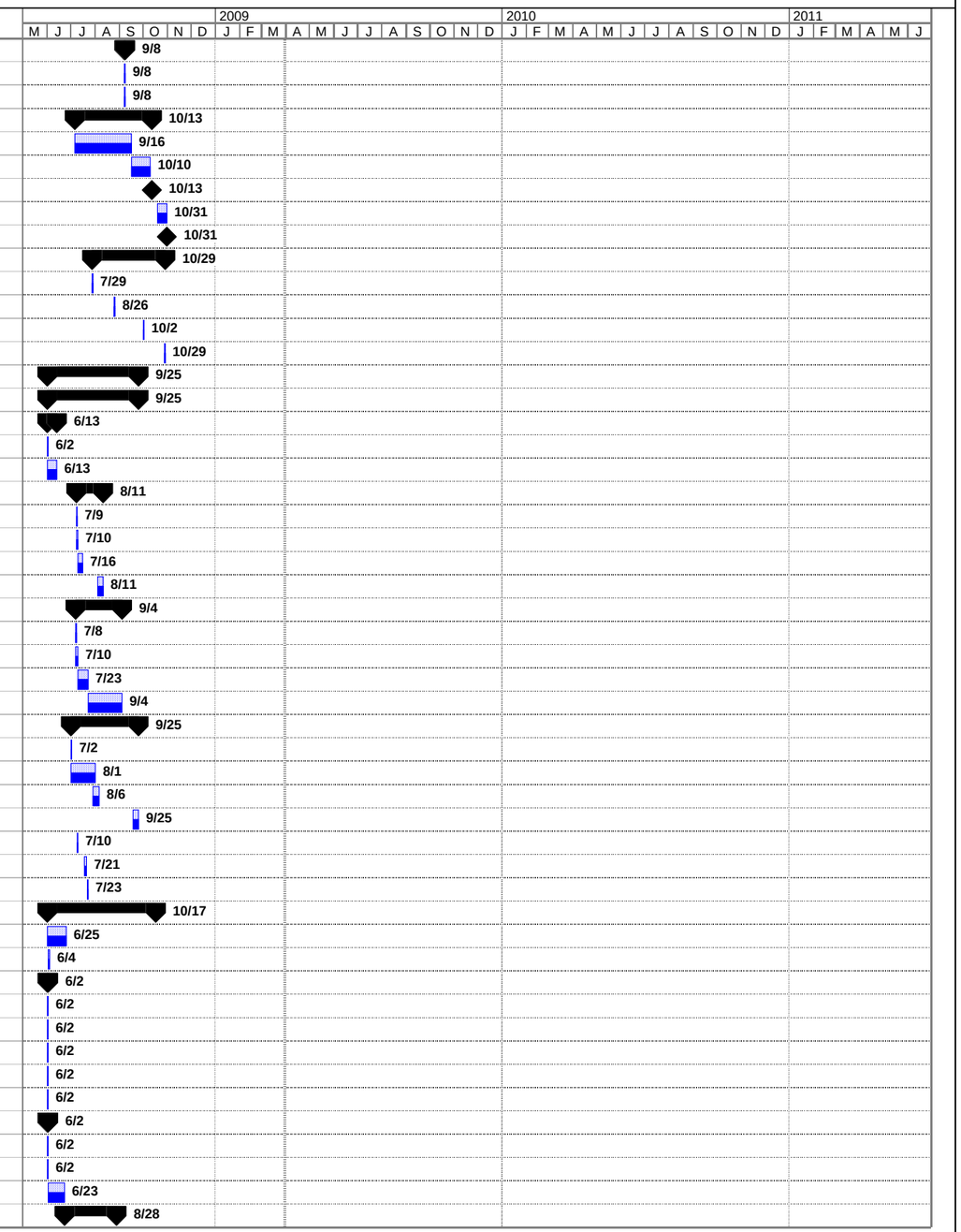


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

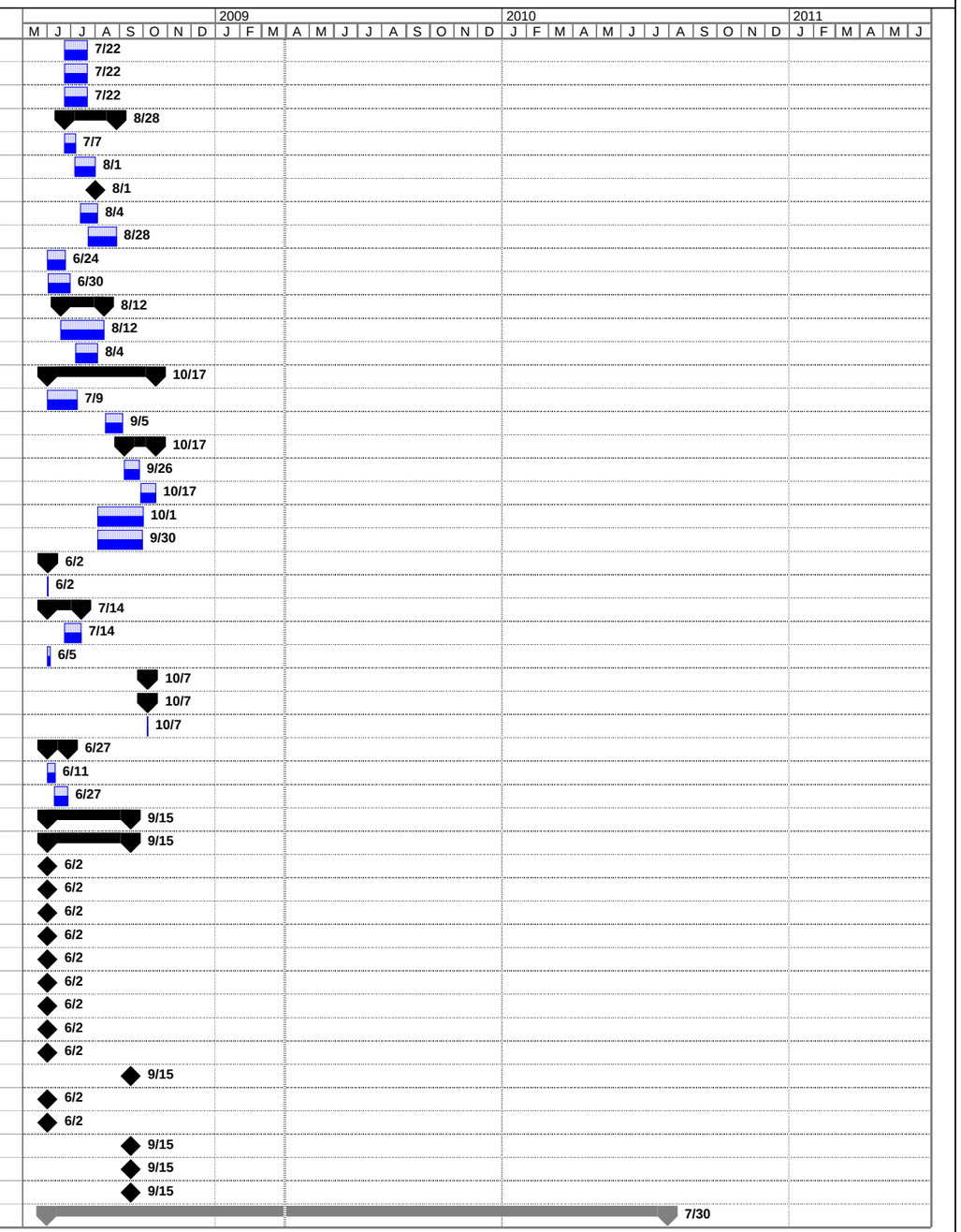
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
469	**EMS**	**EMS 5 Features**	**1 day**	**100%**	**Mon 9/8/08**	**Mon 9/8/08**
470	EMS	OE	1 day	100%	Mon 9/8/08	Mon 9/8/08
471	EMS	VSS	1 day	100%	Mon 9/8/08	Mon 9/8/08
472	**EMS**	**CIM Importer**	**69 days**	**100%**	**Mon 7/7/08**	**Mon 10/13/08**
473	EMS	Iterations with NMMS to fix Schemas & populated data	51 days	100%	Mon 7/7/08	Tue 9/16/08
474	EMS	EMS CIM Importer Pre-FAT	18 days	100%	Wed 9/17/08	Fri 10/10/08
475	EMS	EMS CIM Importer Pre-FAT Completed	0 days	100%	Mon 10/13/08	Mon 10/13/08
476	EMS	Zonal Seed for Validation Stage 1 (AREVA Delivery)	10 days	100%	Mon 10/20/08	Fri 10/31/08
477	EMS	Deliver Data Validtion Zonal Seed for DD1.21 to NMMS	0 days	100%	Fri 10/31/08	Fri 10/31/08
479	**EMS**	**EMS SPRs Patches from AREVA**	**66 days**	**100%**	**Mon 7/28/08**	**Wed 10/29/08**
480	EMS	EMS SPR Patch 1	1 day	100%	Mon 7/28/08	Tue 7/29/08
481	EMS	EMS SPR Patch 2	1 day	100%	Mon 8/25/08	Tue 8/26/08
482	EMS	EMS SPR Patch 3	1 day	100%	Wed 10/1/08	Thu 10/2/08
483	EMS	EMS SPR Patch 4	1 day	100%	Wed 10/29/08	Wed 10/29/08
484	**EMS**	**AREVA New Documents**	**82 days**	**100%**	**Mon 6/2/08**	**Thu 9/25/08**
485	**EMS**	**CIM Importer DDNs**	**82 days**	**100%**	**Mon 6/2/08**	**Thu 9/25/08**
486	**EMS**	**OAG DDN**	**10 days**	**100%**	**Mon 6/2/08**	**Fri 6/13/08**
487	EMS	Submitted for Review	1 day	100%	Mon 6/2/08	Mon 6/2/08
488	EMS	ERCOT Approval	10 days	100%	Mon 6/2/08	Fri 6/13/08
489	**EMS**	**SCADA DDN**	**24 days**	**100%**	**Tue 7/8/08**	**Mon 8/11/08**
490	EMS	Submitted for Review	1 day	100%	Tue 7/8/08	Wed 7/9/08
491	EMS	ERCOT Comments	2 days	100%	Wed 7/9/08	Thu 7/10/08
492	EMS	AREVA to Resubmit	4 days	100%	Fri 7/11/08	Wed 7/16/08
493	EMS	ERCOT Approval	5 days	100%	Tue 8/5/08	Mon 8/11/08
494	**EMS**	**Network DDN**	**42 days**	**100%**	**Mon 7/7/08**	**Thu 9/4/08**
495	EMS	Submitted for Review	1 day	100%	Mon 7/7/08	Tue 7/8/08
496	EMS	ERCOT Comments	3 days	100%	Tue 7/8/08	Thu 7/10/08
497	EMS	AREVA to Resubmit	9 days	100%	Fri 7/11/08	Wed 7/23/08
498	EMS	ERCOT Approval	30 days	100%	Thu 7/24/08	Thu 9/4/08
499	**EMS**	**Generation DDN**	**60 days**	**100%**	**Tue 7/1/08**	**Thu 9/25/08**
500	EMS	Submitted for Review	1 day	100%	Tue 7/1/08	Wed 7/2/08
501	EMS	ERCOT Comments	22 days	100%	Wed 7/2/08	Fri 8/1/08
502	EMS	AREVA to Resubmit	6 days	100%	Wed 7/30/08	Wed 8/6/08
503	EMS	ERCOT Approval	5 days	100%	Fri 9/19/08	Thu 9/25/08
504	EMS	Habitat 5.7 Installation Notes	1 day	100%	Wed 7/9/08	Thu 7/10/08
505	EMS	Load Forecast (MTLF) - from zonal	1 day	100%	Fri 7/18/08	Mon 7/21/08
506	EMS	LFC Rqt Doc update	1 day	100%	Tue 7/22/08	Wed 7/23/08
507	**EMS**	**ERCOT Development**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
508	EMS	FSS	18 days	100%	Mon 6/2/08	Wed 6/25/08
509	EMS	Study Server	2 days	100%	Tue 6/3/08	Wed 6/4/08
510	**EMS**	**Internal release 2 +**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
511	EMS	Dynamic Ratings Enhancements	1 day	100%	Mon 6/2/08	Mon 6/2/08
512	EMS	TCM Enhancements	1 day	100%	Mon 6/2/08	Mon 6/2/08
513	EMS	OS API in FOD	1 day	100%	Mon 6/2/08	Mon 6/2/08
514	EMS	COP API in FOD	1 day	100%	Mon 6/2/08	Mon 6/2/08
515	EMS	Interface patch 2	1 day	100%	Mon 6/2/08	Mon 6/2/08
516	**EMS**	**Internal release 3**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
517	EMS	Interface patch 3	1 day	100%	Mon 6/2/08	Mon 6/2/08
518	EMS	SPRs	1 day	100%	Mon 6/2/08	Mon 6/2/08
519	EMS	Interface release 4	15 days	100%	Tue 6/3/08	Mon 6/23/08
520	**EMS**	**Interface release 5**	**47 days**	**100%**	**Tue 6/24/08**	**Thu 8/28/08**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
521	EMS	CDR 3C & EDW2	20 days	100%	Tue 6/24/08	Tue 7/22/08
522	EMS	Settlements & Billing SPRs	20 days	100%	Tue 6/24/08	Tue 7/22/08
523	EMS	Weather Interface SPRs	20 days	100%	Tue 6/24/08	Tue 7/22/08
524	**EMS**	**EMS-MMS Interface refactor**	**47 days**	**100%**	**Tue 6/24/08**	**Thu 8/28/08**
525	EMS	Re-design the interface (DDN)	9 days	100%	Tue 6/24/08	Mon 7/7/08
526	EMS	Revise DDN for MMS comments	20 days	100%	Mon 7/7/08	Fri 8/1/08
527	EMS	Deliver Revised DDN to MMS	0 days	100%	Fri 8/1/08	Fri 8/1/08
529	EMS	Total Regulation Report - corrected data present	16 days	100%	Mon 7/14/08	Mon 8/4/08
530	EMS	Implement the interface	26 days	100%	Thu 7/24/08	Thu 8/28/08
531	EMS	Alarm configuration Analysis	17 days	100%	Mon 6/2/08	Tue 6/24/08
532	EMS	Alarm Configuration implementation (FOD&GEN)	20 days	100%	Tue 6/3/08	Mon 6/30/08
533	**EMS**	**Notifications**	**38 days**	**100%**	**Thu 6/19/08**	**Tue 8/12/08**
534	EMS	Notification ERCOT	38 days	100%	Thu 6/19/08	Tue 8/12/08
535	EMS	Notificaton AREVA (RTGEN)	20 days	100%	Tue 7/8/08	Mon 8/4/08
536	**EMS**	**Control room wall board Implementation (CI128)**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
537	EMS	Build internal proof concept'	27 days	100%	Mon 6/2/08	Wed 7/9/08
538	EMS	Evaluate eterra Vision & select	15 days	100%	Fri 8/15/08	Fri 9/5/08
539	**EMS**	**Wall Board Devlopment**	**30 days**	**100%**	**Mon 9/8/08**	**Fri 10/17/08**
540	EMS	WB design Document	15 days	100%	Mon 9/8/08	Fri 9/26/08
541	EMS	EMS WB Doc Review	15 days	100%	Mon 9/29/08	Fri 10/17/08
542	EMS	Displays Updates	41 days	100%	Tue 8/5/08	Wed 10/1/08
543	EMS	EMS External Interface Document	40 days	100%	Tue 8/5/08	Tue 9/30/08
544	**EMS**	**NPRR tasks Board Approved**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
545	EMS	119 (1) Resource limit calculator	1 day	100%	Mon 6/2/08	Mon 6/2/08
546	**EMS**	**Equipment Setup**	**30 days**	**100%**	**Mon 6/2/08**	**Mon 7/14/08**
547	EMS	VSAT/TSAT Dev & FAT	14 days	100%	Tue 6/24/08	Mon 7/14/08
548	EMS	Study Server (FAT)	4 days	100%	Mon 6/2/08	Thu 6/5/08
549	**EMS**	**SIG Related Rework**	**1 day**	**100%**	**Tue 10/7/08**	**Tue 10/7/08**
550	**EMS**	**EMS CIM Importer Refactor**	**1 day**	**100%**	**Tue 10/7/08**	**Tue 10/7/08**
551	EMS	Define Data Dictionary for 1.21	1 day	100%	Tue 10/7/08	Tue 10/7/08
552	**EMS**	**EMS Training Class Development & Delivery**	**20 days**	**100%**	**Mon 6/2/08**	**Fri 6/27/08**
553	EMS	Develop EMS Trainng Plan	8 days	100%	Mon 6/2/08	Wed 6/11/08
554	EMS	Approval of Training Plan (EMMS Dev / Support & Ops)	13 days	100%	Wed 6/11/08	Fri 6/27/08
555	**EMS**	**NPRR tasks Board Approved**	**74 days**	**100%**	**Mon 6/2/08**	**Mon 9/15/08**
556	**EMS**	**No Impact To EMS**	**74 days**	**100%**	**Mon 6/2/08**	**Mon 9/15/08**
557	EMS	NPRR 99 (4) RMR Incentive Factor Payment	0 days	100%	Mon 6/2/08	Mon 6/2/08
558	EMS	NPRR 101(4) Modify Time Requirements for Entry of Equipment in the Outage Scheduler	0 days	100%	Mon 6/2/08	Mon 6/2/08
559	EMS	NPRR 103 (4) Settlement of Power Imported via DC Ties (Back to Back Ties) & Block Load Transfer Under Emergen	0 days	100%	Mon 6/2/08	Mon 6/2/08
560	EMS	NPRR 105 (4) Section 23, Synchronization of Zonal Protocols	0 days	100%	Mon 6/2/08	Mon 6/2/08
561	EMS	NPRR 106 (4) Section 24, Synchronization of Zonal Protocols	0 days	100%	Mon 6/2/08	Mon 6/2/08
562	EMS	NPRR 107 (4) Emergency Interruptible Load Service	0 days	100%	Mon 6/2/08	Mon 6/2/08
563	EMS	NPRR 109 (4) Section 18, Synchronization of Zonal Protocols	0 days	100%	Mon 6/2/08	Mon 6/2/08
564	EMS	NPRR 110 (4) Section 20, Synchronization of Zonal Protocols	0 days	100%	Mon 6/2/08	Mon 6/2/08
565	EMS	NPRR 112(4) Emergency Base Point Price Revision	0 days	100%	Mon 6/2/08	Mon 6/2/08
566	EMS	NPRR 114 Section 11, Synch of zonal protocols	0 days	100%	Mon 9/15/08	Mon 9/15/08
567	EMS	NPRR 117 (4) Resource Registration Clarification	0 days	100%	Mon 6/2/08	Mon 6/2/08
568	EMS	NPRR 123(4) Inadvertent Energy Account Revision	0 days	100%	Mon 6/2/08	Mon 6/2/08
569	EMS	NPRR 127 Section 22 Attachment A, I, J & M	0 days	100%	Mon 9/15/08	Mon 9/15/08
570	EMS	NPRR 132 Outage clarification	0 days	100%	Mon 9/15/08	Mon 9/15/08
571	EMS	NPRR 133 Addition of PSSE format	0 days	100%	Mon 9/15/08	Mon 9/15/08
3	**Nodal IPS**	**MMS - Market Management Systems**	**533 days**	**75%**	**Sun 6/1/08**	**Fri 7/30/10**

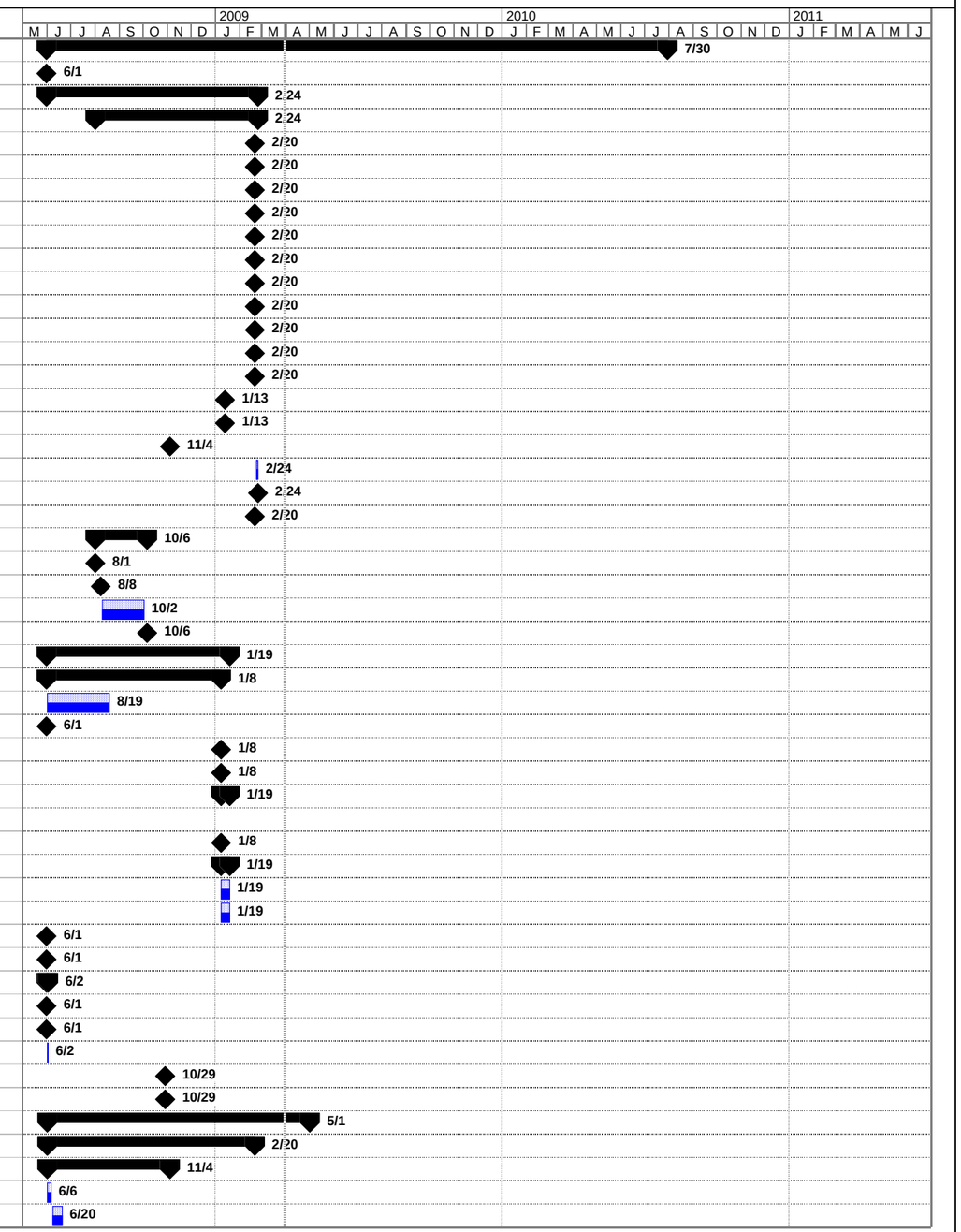


Project: Nodal Program
Date: Mon 3/30/09

Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
Task Progress | Milestone | Rolled Up Critical Task | Split | Group By Summary
Critical Task (20d) | Summary | Rolled Up Milestone | External Tasks | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1	**MMS**	**Nodal MMS Project Schedule**	**533 days**	**75%**	**Sun 6/1/08**	**Fri 7/30/10**
2	MMS	MMS Start	0 days	100%	Sun 6/1/08	Sun 6/1/08
3	**MMS**	**Dependencies**	**178 days**	**100%**	**Sun 6/1/08**	**Tue 2/24/09**
4	**MMS**	**Interfaces**	**133 days**	**100%**	**Fri 8/1/08**	**Tue 2/24/09**
5	**MMS**	**NMMS => MMS**	**0 days**	**100%**	**Fri 2/20/09**	**Fri 2/20/09**
6	MMS	MMS: NMMS => MMS network models & contingencies interface complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
7	MMS	MMS: NMMS => MMS competitive constraints interface complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
8	MMS	Deliver MMS: REG => MMS => OS interface complete to OS	0 days	100%	Fri 2/20/09	Fri 2/20/09
10	MMS	MMS: CRR => MMS interface complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
11	MMS	MMS: FIP/FOP => MMS interface complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
12	**MMS**	**S&B => MMS**	**0 days**	**100%**	**Fri 2/20/09**	**Fri 2/20/09**
13	MMS	MMS: S&B => MMS interfaces complete (Verifiable Cost, RMR Contracts, Capacity Factor, Load Ratio Share)	0 days	100%	Fri 2/20/09	Fri 2/20/09
14	**MMS**	**CMM => MMS**	**0 days**	**100%**	**Fri 2/20/09**	**Fri 2/20/09**
15	MMS	MMS: CMM => MMS credit limits interface complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
17	MMS	Receive MMS: OS=> MMS interface complete from OS	0 days	100%	Fri 2/20/09	Fri 2/20/09
18	**MMS**	**MMS => S&B**	**0 days**	**100%**	**Tue 1/13/09**	**Tue 1/13/09**
19	MMS	Deliver MMS: MMS => S&B CMM , DAM, RT, & SASM interface Complete to COMS	0 days	100%	Tue 1/13/09	Tue 1/13/09
20	MMS	Deliver Verification of Staging Tables/Views & Data Population to CDR	0 days	100%	Tue 11/4/08	Tue 11/4/08
22	MMS	EDW:Verification of Constraint Name extract	2 days	100%	Mon 2/23/09	Tue 2/24/09
23	MMS	MMS: MMS => EDW interface complete	0 days	100%	Tue 2/24/09	Tue 2/24/09
24	MMS	MMS: MMS <=> EWS interface complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
25	**MMS**	**EMS <=> MMS**	**45 days**	**100%**	**Fri 8/1/08**	**Mon 10/6/08**
28	MMS	Receive MMS: Received new mapping tables from EMS for EMS-MMS interface from EMS	0 days	100%	Fri 8/1/08	Fri 8/1/08
29	MMS	Deliver MMS: Review & approval of EMS-MMS interface document complete to CDR	0 days	100%	Fri 8/8/08	Fri 8/8/08
31	MMS	Internally developed (MMS portion) EMS<->MMS interface	38 days	100%	Mon 8/11/08	Thu 10/2/08
32	MMS	MMS: EIP developed EMS <=> MMS framework design complete	0 days	100%	Mon 10/6/08	Mon 10/6/08
33	**MMS**	**Operating Dependencies**	**152 days**	**100%**	**Sun 6/1/08**	**Mon 1/19/09**
34	**MMS**	**NMMS**	**145 days**	**100%**	**Sun 6/1/08**	**Thu 1/8/09**
35	MMS	Inetgrate through identification of data issues with CIM XML files (wrt corresponding schema)	56 days	100%	Mon 6/2/08	Tue 8/19/08
36	MMS	MMS: Identify MMS schema extension definitions complete (after baseline 1 & 2 requirements approved by TPTI	0 days	100%	Sun 6/1/08	Sun 6/1/08
38	MMS	Receive MMS: Validated & Syncronized CIM XML Dataset Available from NMMS	0 days	100%	Thu 1/8/09	Thu 1/8/09
39	MMS	MMS: EMS<->MMS Interface complete (EMS CIM Importer Working w/ data)	0 days	100%	Thu 1/8/09	Thu 1/8/09
40	**MMS**	**INF**	**7 days**	**100%**	**Thu 1/8/09**	**Mon 1/19/09**
41	**MMS**	**MMS DEV**	**0 days**	**100%**	**Thu 1/8/09**	**Thu 1/8/09**
42	MMS	MMS: Additional CPUs for SFT parallel processing for MMS DEV delivered	0 days	100%	Thu 1/8/09	Thu 1/8/09
43	**MMS**	**MMS FAT**	**7 days**	**100%**	**Fri 1/9/09**	**Mon 1/19/09**
44	MMS	MMS: Additional CPUs for SFT parallel processing for MMS FAT delivered	7 days	100%	Fri 1/9/09	Mon 1/19/09
45	MMS	MMS: Additional CPUs for SFT parallel processing for ABB delivered	7 days	100%	Fri 1/9/09	Mon 1/19/09
46	**MMS**	**CMM**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
47	MMS	MMS: requirements for downstream info required from MMS -> CMM approved	0 days	100%	Sun 6/1/08	Sun 6/1/08
48	**MMS**	**S&B**	**2 days**	**100%**	**Sun 6/1/08**	**Mon 6/2/08**
49	MMS	MMS: requirements for downstream info required from MMS -> S&B approved	0 days	100%	Sun 6/1/08	Sun 6/1/08
50	MMS	MMS: eTag & data agg requirements delivered by S&B	0 days	100%	Sun 6/1/08	Sun 6/1/08
51	MMS	Billing determinant development	1 day	100%	Mon 6/2/08	Mon 6/2/08
52	**MMS**	**OS**	**0 days**	**100%**	**Wed 10/29/08**	**Wed 10/29/08**
53	MMS	MMS: Validate that OS & MMS are on a common registration & equipment list complete	0 days	100%	Wed 10/29/08	Wed 10/29/08
54	**MMS**	**MMS4**	**225 days**	**95%**	**Mon 6/2/08**	**Fri 5/1/09**
55	**MMS**	**Creation/Validation of Staging Tables/Views & Data Population**	**175 days**	**100%**	**Mon 6/2/08**	**Fri 2/20/09**
56	**MMS**	**CDR**	**110 days**	**100%**	**Mon 6/2/08**	**Tue 11/4/08**
57	MMS	CDR:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
58	MMS	CDR:Staging tables/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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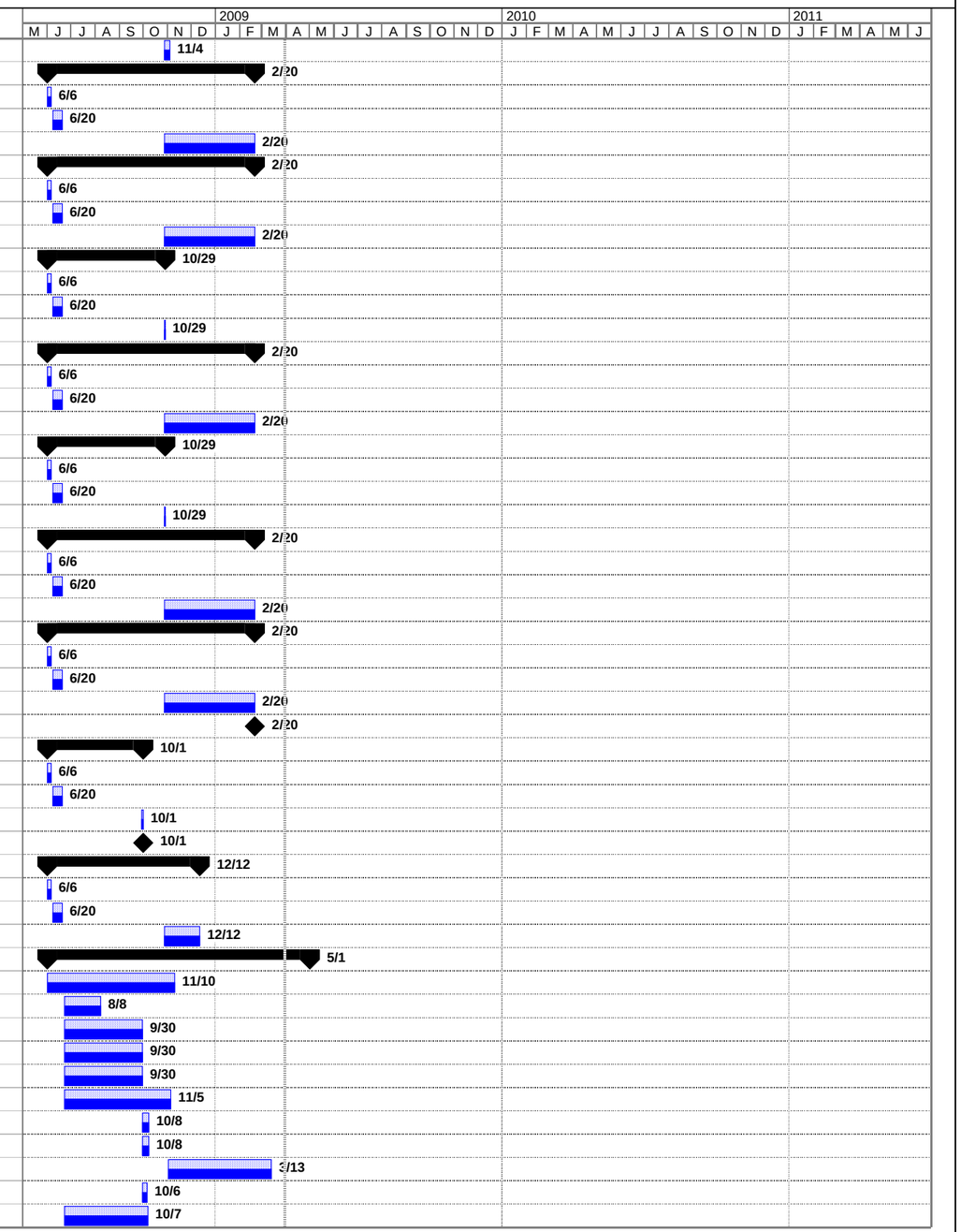
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
59	MMS	CDR:Verification of Data	5 days	100%	Wed 10/29/08	Tue 11/4/08
60	**MMS**	**S&B**	**175 days**	**100%**	**Mon 6/2/08**	**Fri 2/20/09**
61	MMS	SB:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
62	MMS	SB:Staging tables/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
63	MMS	SB: Verification of Data	70 days	100%	Wed 10/29/08	Fri 2/20/09
64	**MMS**	**CMM**	**175 days**	**100%**	**Mon 6/2/08**	**Fri 2/20/09**
65	MMS	CMM:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
66	MMS	CMM:Staging table/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
67	MMS	CMM: Verification of Data	70 days	100%	Wed 10/29/08	Fri 2/20/09
68	**MMS**	**NMMS**	**106 days**	**100%**	**Mon 6/2/08**	**Wed 10/29/08**
69	MMS	NMMS:Transport defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
70	MMS	NMMS:Transport built	10 days	100%	Mon 6/9/08	Fri 6/20/08
71	MMS	NMMS:Verification of Data	1 day	100%	Wed 10/29/08	Wed 10/29/08
72	**MMS**	**Registration:Verification of adapter**	**175 days**	**100%**	**Mon 6/2/08**	**Fri 2/20/09**
73	MMS	REG:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
74	MMS	REG:Staging tables/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
75	MMS	REG:Verification of Registration Data	70 days	100%	Wed 10/29/08	Fri 2/20/09
76	**MMS**	**CRR**	**106 days**	**100%**	**Mon 6/2/08**	**Wed 10/29/08**
77	MMS	CRR:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
78	MMS	CRR:Staging tables/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
79	MMS	CRR:Verification of Adapter	1 day	100%	Wed 10/29/08	Wed 10/29/08
80	**MMS**	**PLATTS (FIP/FOP)**	**175 days**	**100%**	**Mon 6/2/08**	**Fri 2/20/09**
81	MMS	PLTS:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
82	MMS	PLTS:Staging tables/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
83	MMS	PLTS:Verification of Adapter	70 days	100%	Wed 10/29/08	Fri 2/20/09
84	**MMS**	**EMS**	**175 days**	**100%**	**Mon 6/2/08**	**Fri 2/20/09**
85	MMS	EMS:views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
86	MMS	EMS:views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
87	MMS	EMS:Verification of Views	70 days	100%	Wed 10/29/08	Fri 2/20/09
88	MMS	Verification of Views for EMS	0 days	100%	Fri 2/20/09	Fri 2/20/09
89	**MMS**	**EDW**	**86 days**	**100%**	**Mon 6/2/08**	**Wed 10/1/08**
90	MMS	EDW:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
91	MMS	EDW:Staging tables/views built (Replication)	10 days	100%	Mon 6/9/08	Fri 6/20/08
92	MMS	EDW:Verification of Data (Replication)	2 days	100%	Tue 9/30/08	Wed 10/1/08
93	MMS	Deliver RSS Source to EDW	0 days	100%	Wed 10/1/08	Wed 10/1/08
95	**MMS**	**EWS**	**135 days**	**100%**	**Mon 6/2/08**	**Fri 12/12/08**
96	MMS	EWS:Staging tables/views defined	5 days	100%	Mon 6/2/08	Fri 6/6/08
97	MMS	EWS:Staging tables/views built	10 days	100%	Mon 6/9/08	Fri 6/20/08
98	MMS	EWS:Verification of Data	30 days	100%	Wed 10/29/08	Fri 12/12/08
99	**MMS**	**MMS4 ERCOT Internal Development**	**225 days**	**91%**	**Mon 6/2/08**	**Fri 5/1/09**
100	MMS	Complete eTag development & testing	114 days	100%	Mon 6/2/08	Mon 11/10/08
101	MMS	FIP/FOP Readiness	33 days	100%	Tue 6/24/08	Fri 8/8/08
102	MMS	Change the Package TABCLN_PKG to improve the purge process	69 days	100%	Tue 6/24/08	Tue 9/30/08
103	MMS	Logging information into a table during Purge process	69 days	100%	Tue 6/24/08	Tue 9/30/08
104	MMS	Add new tables to CM_TABLE_CLEANUP_CONFIG table	69 days	100%	Tue 6/24/08	Tue 9/30/08
105	MMS	Review & creating new indexes on all the tables in MIDB, MAINF & other schemas	95 days	100%	Tue 6/24/08	Wed 11/5/08
106	MMS	Individual accounts (This is based on the Certificate & we need to test)	6 days	100%	Wed 10/1/08	Wed 10/8/08
107	MMS	(N4b): SASM AS Plan UI (This is now under ERCOT internal activity)	6 days	100%	Wed 10/1/08	Wed 10/8/08
108	MMS	(N 9.11) Proxy data substitution & DST	82 days	100%	Mon 11/3/08	Fri 3/13/09
109	MMS	(N9.5) UI profile customization	4 days	100%	Wed 10/1/08	Mon 10/6/08
110	MMS	(N29) MMS production database replication -- As per ABB, this require some platform changes. We will look for optio	74 days	100%	Tue 6/24/08	Tue 10/7/08



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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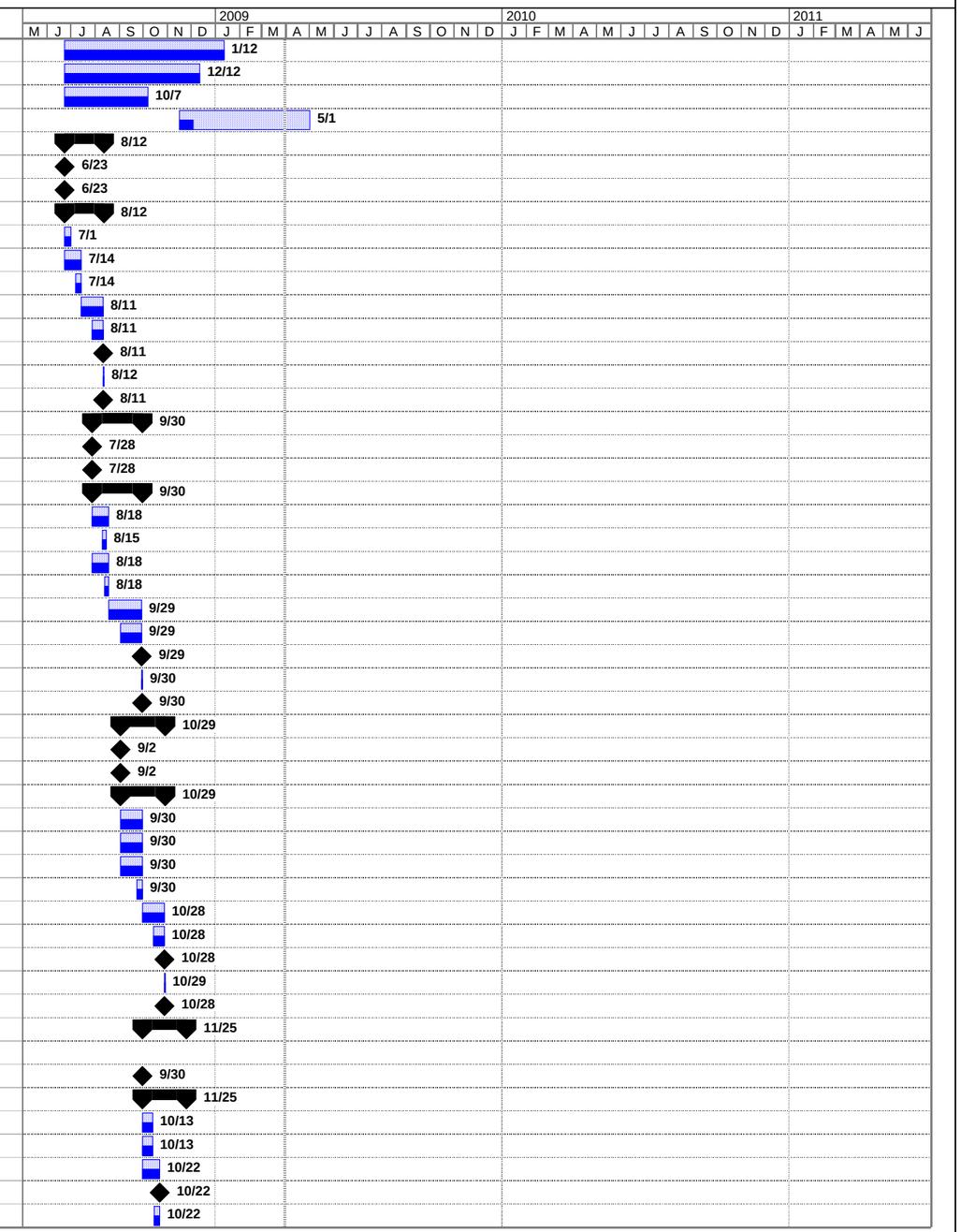
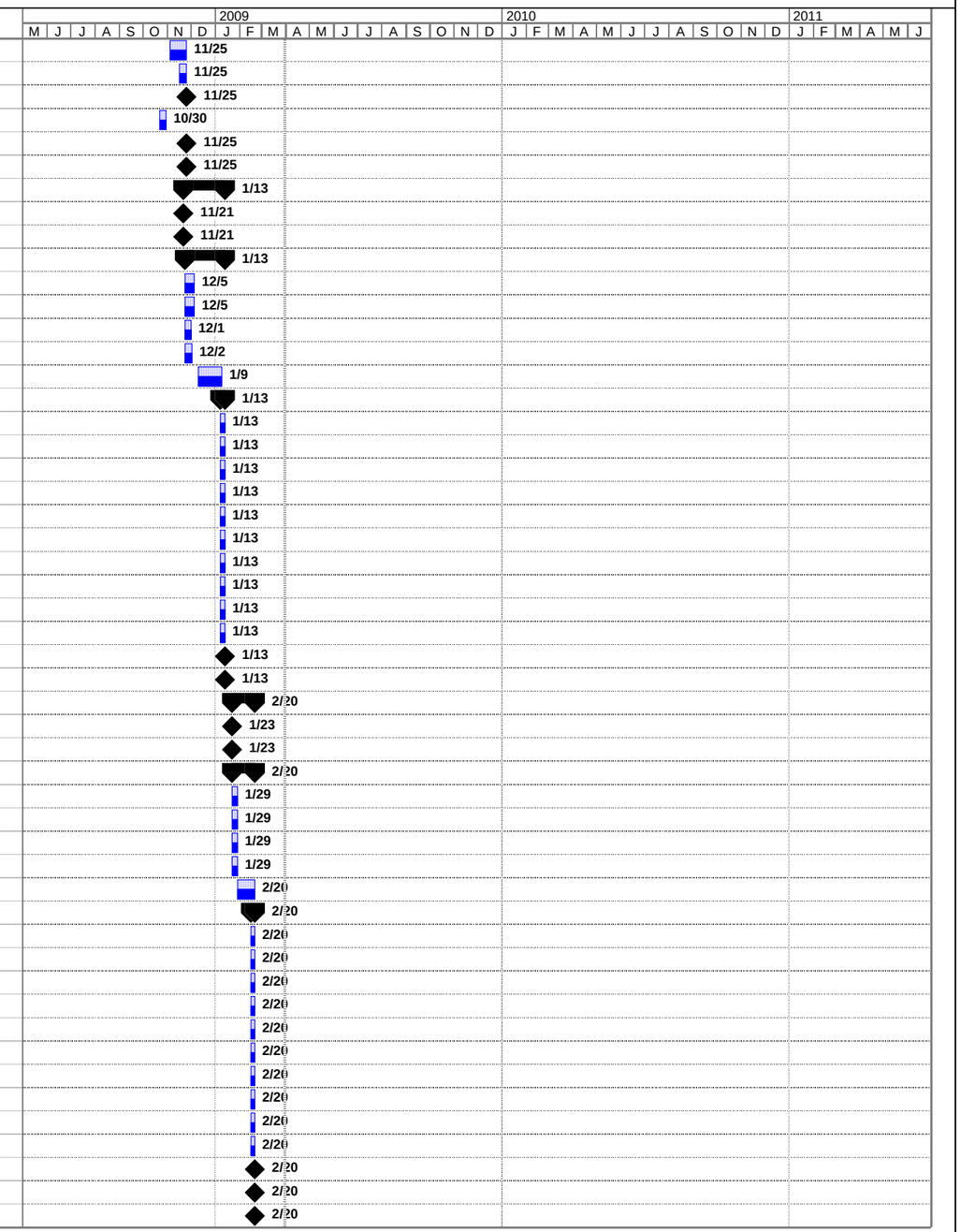
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
111	MMS	Review & make changes to the following packages	130 days	100%	Tue 6/24/08	Mon 1/12/09
112	MMS	Partitioning of MIDB tables (large tables).	119 days	100%	Tue 6/24/08	Fri 12/12/08
113	MMS	Review the Outage Scheduler Schema	74 days	100%	Tue 6/24/08	Tue 10/7/08
114	MMS	MMS/OS Alarms to EMS	107 days	10%	Mon 11/17/08	Fri 5/1/09
116	**MMS**	**MMS4 Patch #2**	**35 days**	**100%**	**Mon 6/23/08**	**Tue 8/12/08**
117	**MMS**	**ABB**	**0 days**	**100%**	**Mon 6/23/08**	**Mon 6/23/08**
118	MMS	MMS4 Patch 2 delivered by ABB	0 days	100%	Mon 6/23/08	Mon 6/23/08
119	**MMS**	**ERCOT**	**35 days**	**100%**	**Tue 6/24/08**	**Tue 8/12/08**
120	MMS	MMS4_P2:Creation of test procedures for Patch #2	6 days	100%	Tue 6/24/08	Tue 7/1/08
121	MMS	MMS4_P2:MMS DEV build & test	14 days	100%	Tue 6/24/08	Mon 7/14/08
122	MMS	MMS4_P2:MMCR creation/submission	5 days	100%	Tue 7/8/08	Mon 7/14/08
123	MMS	MMS4_P2:MMS FAT build & test	20 days	100%	Tue 7/15/08	Mon 8/11/08
124	MMS	MMS4_P2:Sink/Source interface confirmation & test	10 days	100%	Tue 7/29/08	Mon 8/11/08
125	MMS	Deliver MMS4 Patch 2 to iTEST	0 days	100%	Mon 8/11/08	Mon 8/11/08
128	MMS	MMS4_P2 iTest Support Identification	1 day	100%	Tue 8/12/08	Tue 8/12/08
129	MMS	MMS4 Patch 2 complete	0 days	100%	Mon 8/11/08	Mon 8/11/08
130	**MMS**	**MMS4 Patch #3**	**45 days**	**100%**	**Mon 7/28/08**	**Tue 9/30/08**
131	**MMS**	**ABB**	**0 days**	**100%**	**Mon 7/28/08**	**Mon 7/28/08**
132	MMS	MMS4 Patch 3 delivered by ABB	0 days	100%	Mon 7/28/08	Mon 7/28/08
133	**MMS**	**ERCOT**	**45 days**	**100%**	**Tue 7/29/08**	**Tue 9/30/08**
134	MMS	MMS4_P3:Creation of test procedures for Patch #3	15 days	100%	Tue 7/29/08	Mon 8/18/08
135	MMS	MMS4_P3:Analyze & communicate changes from previos release	5 days	100%	Mon 8/11/08	Fri 8/15/08
136	MMS	MMS4_P3:MMS DEV build & test	15 days	100%	Tue 7/29/08	Mon 8/18/08
137	MMS	MMS4_P3:MMCR creation/submission	3 days	100%	Thu 8/14/08	Mon 8/18/08
138	MMS	MMS4_P3:MMS FAT build & test	29 days	100%	Tue 8/19/08	Mon 9/29/08
139	MMS	MMS_P3:Sink/Source interface confirmation & test	19 days	100%	Wed 9/3/08	Mon 9/29/08
140	MMS	Deliver MMS4 Patch 3 to iTEST	0 days	100%	Mon 9/29/08	Mon 9/29/08
142	MMS	MMS4_P3 iTest Support Identification	1 day	100%	Tue 9/30/08	Tue 9/30/08
143	MMS	MMS4 Patch 3 complete	0 days	100%	Tue 9/30/08	Tue 9/30/08
144	**MMS**	**MMS4 Patch #4**	**41 days**	**100%**	**Tue 9/2/08**	**Wed 10/29/08**
145	**MMS**	**ABB**	**0 days**	**100%**	**Tue 9/2/08**	**Tue 9/2/08**
146	MMS	MMS4 Patch 4 delivered by ABB	0 days	100%	Tue 9/2/08	Tue 9/2/08
147	**MMS**	**ERCOT**	**41 days**	**100%**	**Wed 9/3/08**	**Wed 10/29/08**
148	MMS	MMS4_P4:Creation of test procedures for Patch #4	20 days	100%	Wed 9/3/08	Tue 9/30/08
149	MMS	MMS4_P4:Analyze & communicate changes from previous release	20 days	100%	Wed 9/3/08	Tue 9/30/08
150	MMS	MMS4_P4:MMS DEV build & test	20 days	100%	Wed 9/3/08	Tue 9/30/08
151	MMS	MMS4_P4:MMCR creation/submission	5 days	100%	Wed 9/24/08	Tue 9/30/08
152	MMS	MMS4_P4:MMS FAT build & test	20 days	100%	Wed 10/1/08	Tue 10/28/08
153	MMS	MMS_P4:Sink/Source interface confirmation & test	10 days	100%	Wed 10/15/08	Tue 10/28/08
154	MMS	Deliver MMS4 Patch 4 to iTEST	0 days	100%	Tue 10/28/08	Tue 10/28/08
156	MMS	MMS4_P4 iTest Support Identification	1 day	100%	Wed 10/29/08	Wed 10/29/08
157	MMS	MMS4 Patch 4 complete	0 days	100%	Tue 10/28/08	Tue 10/28/08
158	**MMS**	**MMS4 Patch #5**	**40 days**	**100%**	**Tue 9/30/08**	**Tue 11/25/08**
159	**MMS**	**ABB**	**0 days**	**100%**	**Tue 9/30/08**	**Tue 9/30/08**
160	MMS	MMS4 Patch 5 delivered by ABB	0 days	100%	Tue 9/30/08	Tue 9/30/08
161	**MMS**	**ERCOT**	**40 days**	**100%**	**Wed 10/1/08**	**Tue 11/25/08**
162	MMS	MMS4_P5:Creation of test procedures for Patch #4	9 days	100%	Wed 10/1/08	Mon 10/13/08
163	MMS	MMS4_P5:Analyze & communicate changes from previous release	9 days	100%	Wed 10/1/08	Mon 10/13/08
164	MMS	MMS4_P5:MMS DEV build & test	16 days	100%	Wed 10/1/08	Wed 10/22/08
165	MMS	Deliver MMS4_P5:MMS DEV Build & Test to EDW & MPIM	0 days	100%	Wed 10/22/08	Wed 10/22/08
168	MMS	MMS4_P5:MMCR creation/submission	5 days	100%	Thu 10/16/08	Wed 10/22/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
169	MMS	MMS4_P5:MMS FAT build & test	15 days	100%	Wed 11/5/08	Tue 11/25/08
170	MMS	MMS_P5:Sink/Source interface confirmation & test	7 days	100%	Mon 11/17/08	Tue 11/25/08
171	MMS	Deliver MMS4 Patch 5 to iTEST	0 days	100%	Tue 11/25/08	Tue 11/25/08
173	MMS	MMS4_P5:Add all MMS "code" to CVS	6 days	100%	Thu 10/23/08	Thu 10/30/08
174	MMS	MMS4_P5 iTest Support Identification	0 days	100%	Tue 11/25/08	Tue 11/25/08
175	MMS	MMS4 Patch 5 complete	0 days	100%	Tue 11/25/08	Tue 11/25/08
177	**MMS**	**MMS4 Patch #6**	**24 days**	**100%**	**Fri 11/21/08**	**Tue 1/13/09**
178	**MMS**	**ABB**	**0 days**	**100%**	**Fri 11/21/08**	**Fri 11/21/08**
179	MMS	MMS4 Patch 6 delivered by ABB	0 days	100%	Fri 11/21/08	Fri 11/21/08
180	**MMS**	**ERCOT**	**24 days**	**100%**	**Mon 11/24/08**	**Tue 1/13/09**
181	MMS	MMS4_P6:Creation of test procedures for Patch #6	7 days	100%	Mon 11/24/08	Fri 12/5/08
182	MMS	MMS4_P6:Analyze & communicate changes from previous release	7 days	100%	Mon 11/24/08	Fri 12/5/08
183	MMS	MMS4_P6:MMS DEV build & test	3 days	100%	Mon 11/24/08	Mon 12/1/08
184	MMS	MMS4_P6:MMCR creation/submission	4 days	100%	Mon 11/24/08	Tue 12/2/08
185	MMS	MMS4_P6:MMS FAT build & test	12 days	100%	Thu 12/11/08	Fri 1/9/09
186	**MMS**	**MMS4_P6: Sink/Source Interface Confirmed**	**4 days**	**100%**	**Thu 1/8/09**	**Tue 1/13/09**
187	MMS	MMS4_P6: NMMS Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
188	MMS	MMS4_P6: S&B to/from Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
189	MMS	MMS4_P6: OS Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
190	MMS	MMS4_P6: CRR Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
191	MMS	MMS4_P6: Registration Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
192	MMS	MMS4_P6: PLATTS (FIP/FOP) Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
193	MMS	MMS4_P6: EDW Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
194	MMS	MMS4_P6: EMS Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
195	MMS	MMS4_P6: CDR Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
196	MMS	MMS4_P6: CMM Verified	4 days	100%	Thu 1/8/09	Tue 1/13/09
197	MMS	Deliver MMS4 Patch 6 to iTEST	0 days	100%	Tue 1/13/09	Tue 1/13/09
199	MMS	MMS4 Patch 6 complete	0 days	100%	Tue 1/13/09	Tue 1/13/09
200	**MMS**	**MMS4 Patch #7**	**21 days**	**100%**	**Fri 1/23/09**	**Fri 2/20/09**
201	**MMS**	**ABB**	**0 days**	**100%**	**Fri 1/23/09**	**Fri 1/23/09**
202	MMS	MMS4 Patch 7 delivered by ABB	0 days	100%	Fri 1/23/09	Fri 1/23/09
203	**MMS**	**ERCOT**	**21 days**	**100%**	**Fri 1/23/09**	**Fri 2/20/09**
204	MMS	MMS4_P7:Creation of test procedures for Patch #7	5 days	100%	Fri 1/23/09	Thu 1/29/09
205	MMS	MMS4_P7:Analyze & communicate changes from previous release	5 days	100%	Fri 1/23/09	Thu 1/29/09
206	MMS	MMS4_P7:MMS DEV build & test	5 days	100%	Fri 1/23/09	Thu 1/29/09
207	MMS	MMS4_P7:MMCR creation/submission	5 days	100%	Fri 1/23/09	Thu 1/29/09
208	MMS	MMS4_P7:MMS FAT build & test	16 days	100%	Fri 1/30/09	Fri 2/20/09
209	**MMS**	**MMS4_P7: Sink/Source Interface Confirmed**	**5 days**	**100%**	**Mon 2/16/09**	**Fri 2/20/09**
210	MMS	MMS4_P7: NMMS Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
211	MMS	MMS4_P7: S&B to/from Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
212	MMS	MMS4_P7: OS Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
213	MMS	MMS4_P7: CRR Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
214	MMS	MMS4_P7: Registration Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
215	MMS	MMS4_P7: PLATTS (FIP/FOP) Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
216	MMS	MMS4_P7: EDW Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
217	MMS	MMS4_P7: EMS Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
218	MMS	MMS4_P7: CDR Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
219	MMS	MMS4_P7: CMM Verified	5 days	100%	Mon 2/16/09	Fri 2/20/09
220	MMS	Deliver MMS4 Patch 7 to iTEST	0 days	100%	Fri 2/20/09	Fri 2/20/09
222	MMS	Deliver MMS4 Patch 7 to EDW	0 days	100%	Fri 2/20/09	Fri 2/20/09
224	MMS	MMS4 Patch 7 complete	0 days	100%	Fri 2/20/09	Fri 2/20/09



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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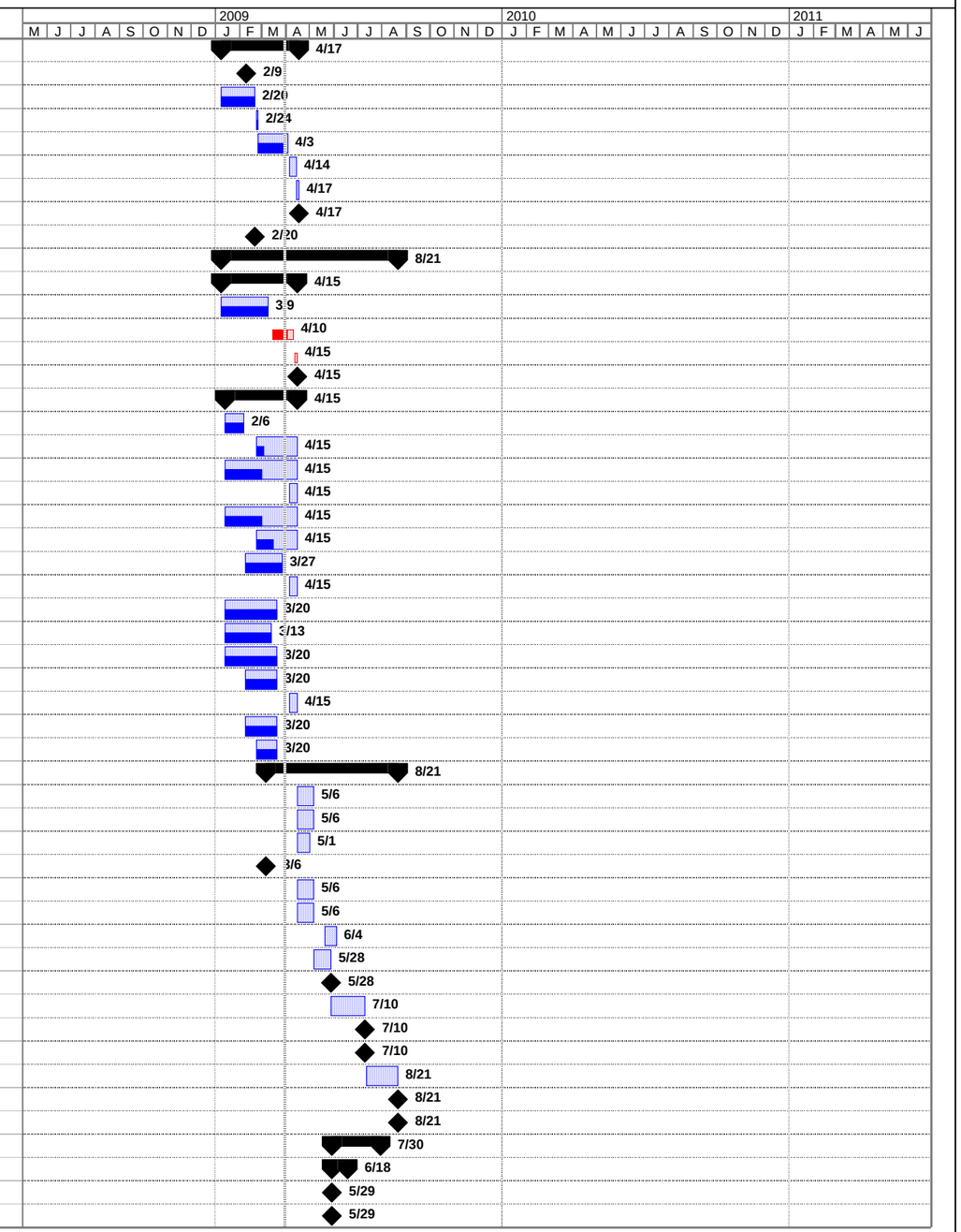
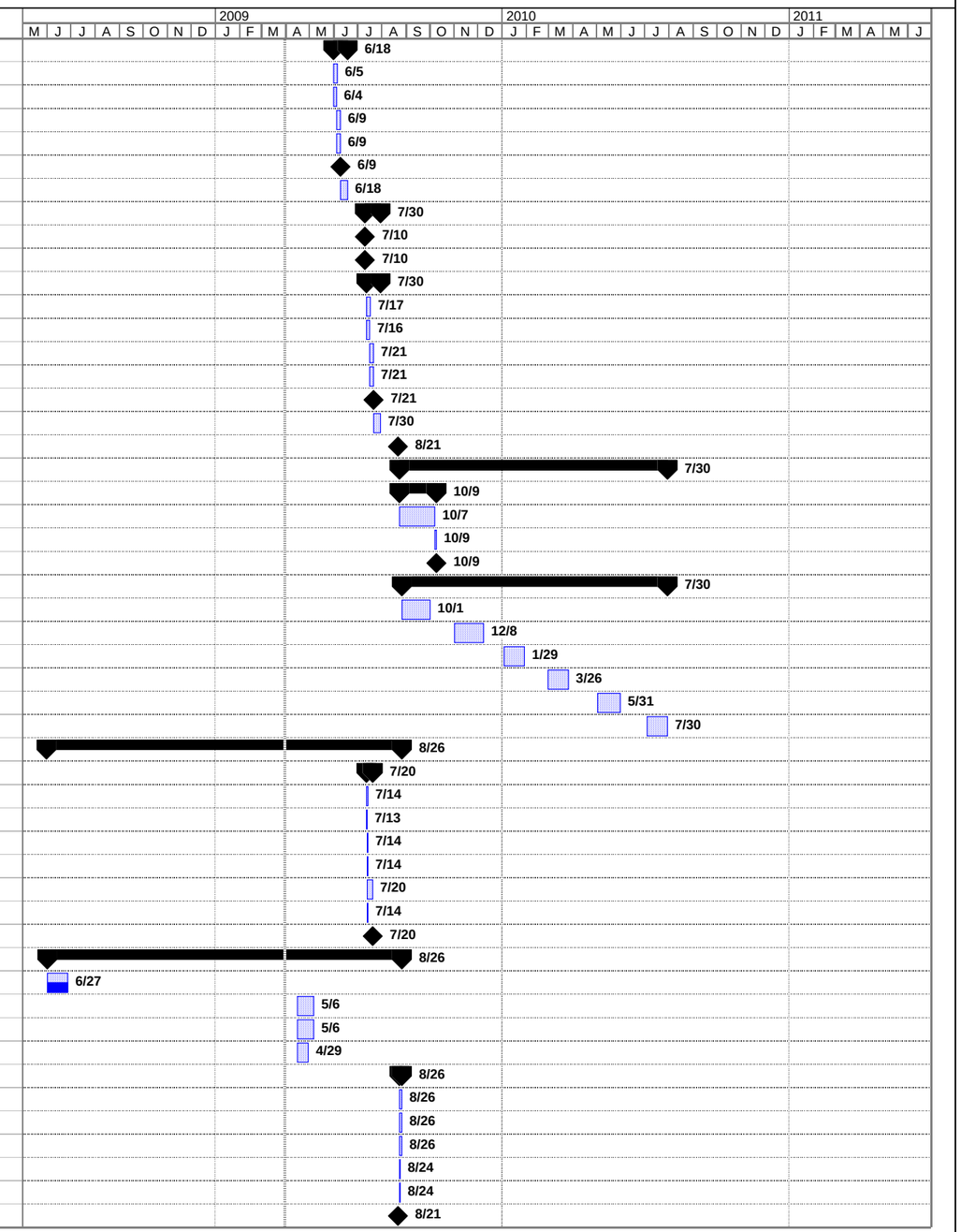
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
225	**MMS**	**EMS-MMS Interface**	**71 days**	**82%**	**Fri 1/9/09**	**Fri 4/17/09**
227	MMS	Receive EMS Resources for MMS to EMS Testing from EMS	0 days	100%	Mon 2/9/09	Mon 2/9/09
228	MMS	EMS-MMS Interface Development & Testing	31 days	100%	Fri 1/9/09	Fri 2/20/09
229	MMS	MMS Interface Development & Unit Testing in DEV Environments	2 days	100%	Mon 2/23/09	Tue 2/24/09
230	MMS	EMS & MMS Inter-Project Interfacing Testing in DEV Environments	28 days	90%	Wed 2/25/09	Fri 4/3/09
231	MMS	OS 2.1 Project Testing with EMS & MMS	7 days	0%	Mon 4/6/09	Tue 4/14/09
232	MMS	Create MMCR for EMS-MMS interface updates to iTEST	3 days	0%	Wed 4/15/09	Fri 4/17/09
233	MMS	Delever MMCR for EMS-MMS interface to iTest	0 days	0%	Fri 4/17/09	Fri 4/17/09
234	MMS	MMS4 complete	0 days	100%	Fri 2/20/09	Fri 2/20/09
235	**MMS**	**MMS5**	**159 days**	**54%**	**Fri 1/9/09**	**Fri 8/21/09**
236	**MMS**	**ABB**	**69 days**	**86%**	**Fri 1/9/09**	**Wed 4/15/09**
237	MMS	MMS5: MMS Development based on Validated & Synced CIM Schema & CIM XML File	42 days	100%	Fri 1/9/09	Mon 3/9/09
238	MMS	MMS5:pre-FAT	20 days	70%	Mon 3/16/09	Fri 4/10/09
239	MMS	MMS5:Release Preparation	3 days	0%	Mon 4/13/09	Wed 4/15/09
240	MMS	Deliver MMS5:Release to COMS	0 days	0%	Wed 4/15/09	Wed 4/15/09
242	**MMS**	**MMS5 ERCOT Internal Development**	**66 days**	**72%**	**Wed 1/14/09**	**Wed 4/15/09**
243	MMS	Table cleanup configuration and improvements completed	18 days	100%	Wed 1/14/09	Fri 2/6/09
244	MMS	Review and creation of indexes for better performance completed	38 days	20%	Mon 2/23/09	Wed 4/15/09
245	MMS	MPIM changes and patch received from ABB	66 days	50%	Wed 1/14/09	Wed 4/15/09
246	MMS	Password changes for all applications and db accouints in MMS environment completed	8 days	0%	Mon 4/6/09	Wed 4/15/09
247	MMS	Registration to MMS design changes completed	66 days	50%	Wed 1/14/09	Wed 4/15/09
248	MMS	SIG rounding paper db changes implemented	38 days	40%	Mon 2/23/09	Wed 4/15/09
249	MMS	Settlements to MMS - splitting the event DAILY_STL2MMS into four events completed	35 days	100%	Mon 2/9/09	Fri 3/27/09
250	MMS	Resource Parameters to Settlements - changes to SS_* tables based upon S&B requirement completed	8 days	0%	Mon 4/6/09	Wed 4/15/09
251	MMS	MMS to Settlements - Create SS_Final_Output_Schedule_OT table in MIINF completed	48 days	100%	Wed 1/14/09	Fri 3/20/09
252	MMS	MMS to Settlements - Transfer data from SCED-Final_Output_schedule_OT to SS_Final_Output_Schedule_OT comp	43 days	100%	Wed 1/14/09	Fri 3/13/09
253	MMS	MMS to Settlements - DC Tie Table changes (SS_Etag_Dly_OT and SS_Etag_Int_OT) and only transfer trades that a	48 days	100%	Wed 1/14/09	Fri 3/20/09
254	MMS	MMS to Settlements - Add SASM_ID column to SS_AS_REPLACEMENT & SS_AS_FAIL_TO_PROVIDE tables con	30 days	100%	Mon 2/9/09	Fri 3/20/09
255	MMS	MMS to Settlements - transfer data to VDI completed	8 days	0%	Mon 4/6/09	Wed 4/15/09
256	MMS	AS Self-arrangement ability to distinguish between DAM abd SASM runs completed	30 days	100%	Mon 2/9/09	Fri 3/20/09
257	MMS	End of Ajustment Period event - 3PO's that are submitted before DAM close completed.	20 days	100%	Mon 2/23/09	Fri 3/20/09
258	**MMS**	**MMS5 ERCOT Testing**	**118 days**	**0%**	**Fri 3/6/09**	**Fri 8/21/09**
259	MMS	MMS5:Develop E2E testing scenarios	15 days	0%	Thu 4/16/09	Wed 5/6/09
260	MMS	MMS5:Analyze & communicate changes from previous release	15 days	0%	Thu 4/16/09	Wed 5/6/09
261	MMS	MMS5: Request Data Files from All "Source" Project Systems	12 days	0%	Thu 4/16/09	Fri 5/1/09
264	MMS	Receive V1.21 Validated Data Set from NMMS	0 days	100%	Fri 3/6/09	Fri 3/6/09
265	MMS	MMS5: MMS install in DEV & smoke test	15 days	0%	Thu 4/16/09	Wed 5/6/09
266	MMS	MMS5:Write Migration Control Document	15 days	0%	Thu 4/16/09	Wed 5/6/09
267	MMS	MMS5: Sink/Source interface confirmation & test	10 days	0%	Thu 5/21/09	Thu 6/4/09
268	MMS	MMS5:MMS install in FAT & smoke test	15 days	0%	Thu 5/7/09	Thu 5/28/09
269	MMS	Deliver MMS5: Installation in FAT & Smoke Test Complete	0 days	0%	Thu 5/28/09	Thu 5/28/09
274	MMS	MMS5:FAT (Prelim for INT start)	30 days	0%	Fri 5/29/09	Fri 7/10/09
275	MMS	Deliver MMS5: Preliminary Release to iTEST	0 days	0%	Fri 7/10/09	Fri 7/10/09
277	MMS	MMS5 Prelim iTest Support Identification	0 days	0%	Fri 7/10/09	Fri 7/10/09
279	MMS	MMS5: FAT (Final for INT Start)	30 days	0%	Mon 7/13/09	Fri 8/21/09
280	MMS	MMS5 "Final" iTest Support Identification	0 days	0%	Fri 8/21/09	Fri 8/21/09
281	MMS	Deliver MMS5: Completed Final FAT to iTEST	0 days	0%	Fri 8/21/09	Fri 8/21/09
282	**MMS**	**FAT Correction**	**43 days**	**0%**	**Fri 5/29/09**	**Thu 7/30/09**
283	**MMS**	**MMS5 Patch #1**	**14 days**	**0%**	**Fri 5/29/09**	**Thu 6/18/09**
284	**MMS**	**ABB**	**0 days**	**0%**	**Fri 5/29/09**	**Fri 5/29/09**
285	MMS	MMS5 Patch 1 Delivered by ABB	0 days	0%	Fri 5/29/09	Fri 5/29/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
286	**MMS**	**ERCOT**	**14 days**	**0%**	**Mon 6/1/09**	**Thu 6/18/09**
287	MMS	MMS5_P1:Analyze & communicate changes from previous release	5 days	0%	Mon 6/1/09	Fri 6/5/09
288	MMS	MMS5_P1:Patch load in development	4 days	0%	Mon 6/1/09	Thu 6/4/09
289	MMS	MMS5_P1:Development smoke test	3 days	0%	Fri 6/5/09	Tue 6/9/09
290	MMS	MMS5_P1:MMCR creation & submission	3 days	0%	Fri 6/5/09	Tue 6/9/09
291	MMS	MMS5 Patch 1 Released to FAT	0 days	0%	Tue 6/9/09	Tue 6/9/09
292	MMS	MMS5_P1: Patch Installation & Smoke Test	7 days	0%	Wed 6/10/09	Thu 6/18/09
293	**MMS**	**MMS5 Patch #2**	**14 days**	**0%**	**Fri 7/10/09**	**Thu 7/30/09**
294	**MMS**	**ABB**	**0 days**	**0%**	**Fri 7/10/09**	**Fri 7/10/09**
295	MMS	MMS5 Patch 2 Delivered by ABB	0 days	0%	Fri 7/10/09	Fri 7/10/09
296	**MMS**	**ERCOT**	**14 days**	**0%**	**Mon 7/13/09**	**Thu 7/30/09**
297	MMS	MMS5_P2:Analyze & Communicate changes from previous release	5 days	0%	Mon 7/13/09	Fri 7/17/09
298	MMS	MMS5_P2:Patch load in development	4 days	0%	Mon 7/13/09	Thu 7/16/09
299	MMS	MMS5_P2:Development smoke test	3 days	0%	Fri 7/17/09	Tue 7/21/09
300	MMS	MMS5_P2:MMCR creation & submission	3 days	0%	Fri 7/17/09	Tue 7/21/09
301	MMS	MMS5 Patch 2 released to FAT	0 days	0%	Tue 7/21/09	Tue 7/21/09
302	MMS	MMS5_P2: Patch Installation & Smoke Test	7 days	0%	Wed 7/22/09	Thu 7/30/09
303	MMS	MMS5 complete	0 days	0%	Fri 8/21/09	Fri 8/21/09
304	**MMS**	**Maintenance and Support**	**229 days**	**0%**	**Mon 8/24/09**	**Fri 7/30/10**
305	**MMS**	**Phase 2 Validation of NMMS**	**34 days**	**0%**	**Mon 8/24/09**	**Fri 10/9/09**
306	MMS	Perform & Resolve Issues	32 days	0%	Mon 8/24/09	Wed 10/7/09
308	MMS	Prepare Report	2 days	0%	Thu 10/8/09	Fri 10/9/09
309	MMS	Deliver Data Consistency Stage 2 Validation Completed to iTEST	0 days	0%	Fri 10/9/09	Fri 10/9/09
310	**MMS**	**Post-MMS5 / Pre-168 hr test**	**226 days**	**0%**	**Thu 8/27/09**	**Fri 7/30/10**
311	MMS	MMS5_Final_P3 (Defect Patch) - 9/1/009	25 days	0%	Thu 8/27/09	Thu 10/1/09
312	MMS	MMS5_final_P4 (Defect Patch) - 11/2/09	24 days	0%	Mon 11/2/09	Tue 12/8/09
313	MMS	MMS5_final_P5 (Defect Patch) - 1/4/10	20 days	0%	Mon 1/4/10	Fri 1/29/10
314	MMS	MMS5_final_P6 (Defect Patch) - 3/1/10	20 days	0%	Mon 3/1/10	Fri 3/26/10
315	MMS	MMS5_final_P7 (Defect Patch) - 5/3/10	20 days	0%	Mon 5/3/10	Mon 5/31/10
316	MMS	MMS5_final_P8 (Defect Patch) - 7/5/10	20 days	0%	Mon 7/5/10	Fri 7/30/10
317	**MMS**	**Documentaion, Mgt, Transition**	**307 days**	**44%**	**Sun 6/1/08**	**Wed 8/26/09**
318	**MMS**	**MPIM**	**6 days**	**0%**	**Mon 7/13/09**	**Mon 7/20/09**
319	MMS	Configure Application for “production” (Data corrections, test data removed, test users removed, etc.)	2 days	0%	Mon 7/13/09	Tue 7/14/09
320	MMS	Link/portlet available on MIS	1 day	0%	Mon 7/13/09	Mon 7/13/09
321	MMS	Site Minder configured to allow access	1 day	0%	Tue 7/14/09	Tue 7/14/09
322	MMS	Application pointed to production LDAP or Stage Table	1 day	0%	Tue 7/14/09	Tue 7/14/09
323	MMS	Production Verification	5 days	0%	Tue 7/14/09	Mon 7/20/09
324	MMS	List of Users & roles bulk loaded into MPIM	1 day	0%	Tue 7/14/09	Tue 7/14/09
325	MMS	Deliver Go-Live Activities to MPIM	0 days	0%	Mon 7/20/09	Mon 7/20/09
326	**MMS**	**ERT**	**306 days**	**28%**	**Mon 6/2/08**	**Wed 8/26/09**
327	MMS	Process modeling	20 days	100%	Mon 6/2/08	Fri 6/27/08
328	MMS	Support to other groups wrt other MMS ERT activities	15 days	0%	Thu 4/16/09	Wed 5/6/09
329	MMS	Training - quick reference guide development & deployment	15 days	0%	Thu 4/16/09	Wed 5/6/09
330	MMS	Training - work with ABB to "design" & schedule	10 days	0%	Thu 4/16/09	Wed 4/29/09
331	**MMS**	**Training Delivery**	**3 days**	**0%**	**Mon 8/24/09**	**Wed 8/26/09**
332	MMS	APP support training	3 days	0%	Mon 8/24/09	Wed 8/26/09
333	MMS	User Session 1	3 days	0%	Mon 8/24/09	Wed 8/26/09
334	MMS	User Session 2	3 days	0%	Mon 8/24/09	Wed 8/26/09
335	MMS	Lite Session 1	1 day	0%	Mon 8/24/09	Mon 8/24/09
336	MMS	Lite Session 2	1 day	0%	Mon 8/24/09	Mon 8/24/09
337	MMS	MER/Market Training	0 days	0%	Fri 8/21/09	Fri 8/21/09



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

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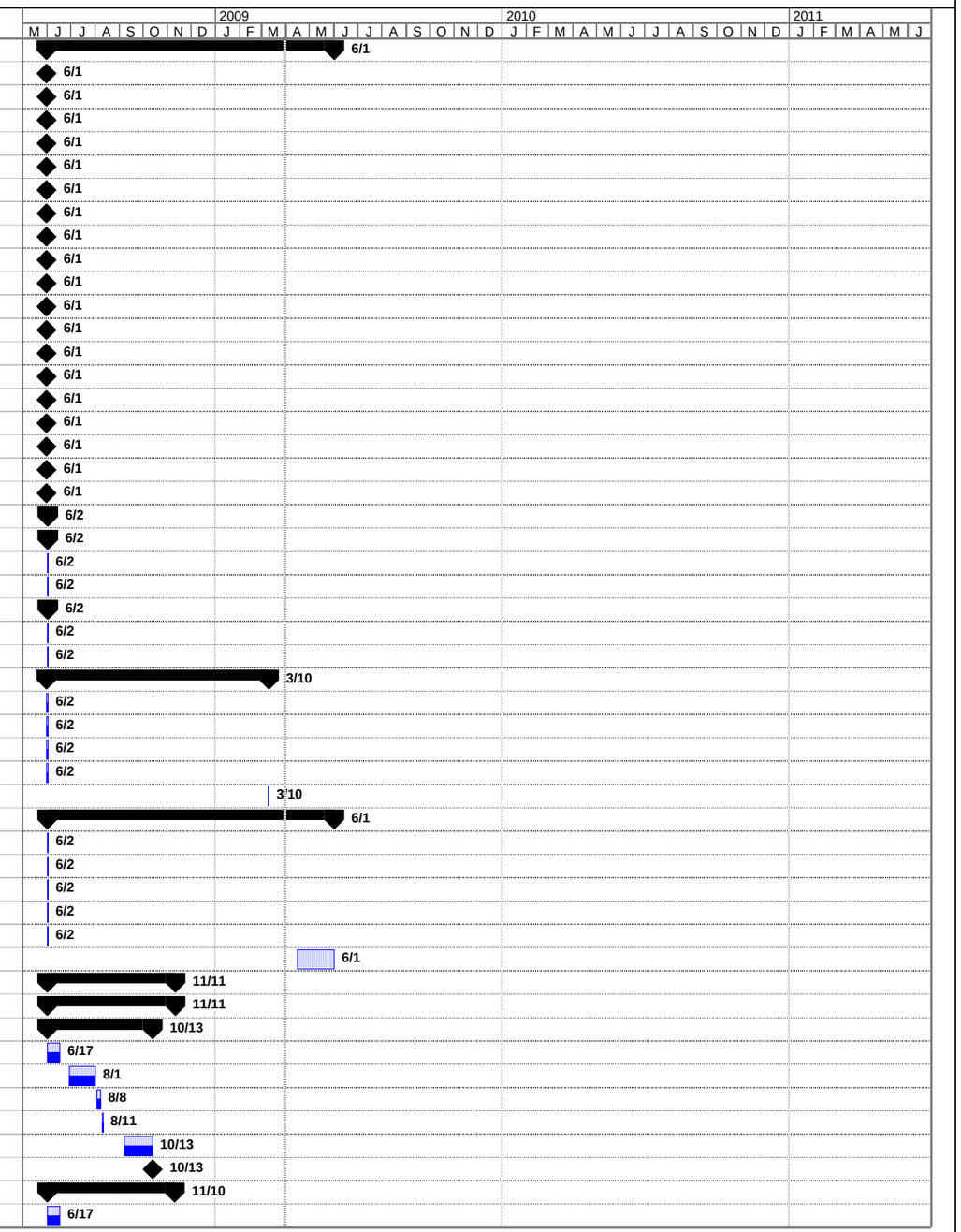
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
338	**MMS**	**ARTIFACTS**	**246 days**	**93%**	**Sun 6/1/08**	**Mon 6/1/09**
339	**MMS**	**Requirements documents**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
340	**MMS**	**Overall**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
341	MMS	Overall Baseline 0	0 days	100%	Sun 6/1/08	Sun 6/1/08
342	MMS	Overall Baseline 1 & 2	0 days	100%	Sun 6/1/08	Sun 6/1/08
343	**MMS**	**SCED**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
344	MMS	SCED Baseline 0	0 days	100%	Sun 6/1/08	Sun 6/1/08
345	MMS	SCED Baseline 1 & 2	0 days	100%	Sun 6/1/08	Sun 6/1/08
346	**MMS**	**DAM**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
347	MMS	DAM Baseline 0	0 days	100%	Sun 6/1/08	Sun 6/1/08
348	MMS	DAM Baseline 1 & 2	0 days	100%	Sun 6/1/08	Sun 6/1/08
349	**MMS**	**RUC**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
350	MMS	RUC Baseline 0	0 days	100%	Sun 6/1/08	Sun 6/1/08
351	MMS	RUC Baseline 1 & 2	0 days	100%	Sun 6/1/08	Sun 6/1/08
352	**MMS**	**CCT**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
353	MMS	CCT Baseline 0	0 days	100%	Sun 6/1/08	Sun 6/1/08
354	MMS	CCT Baseline 1 & 2	0 days	100%	Sun 6/1/08	Sun 6/1/08
355	**MMS**	**CSD**	**0 days**	**100%**	**Sun 6/1/08**	**Sun 6/1/08**
356	MMS	CSD Baseline 0	0 days	100%	Sun 6/1/08	Sun 6/1/08
357	MMS	CSDBaseline 1& 2	0 days	100%	Sun 6/1/08	Sun 6/1/08
358	**MMS**	**Use Cases**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
359	**MMS**	**MI**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
360	MMS	Baseline 0	1 day	100%	Mon 6/2/08	Mon 6/2/08
361	MMS	Baseline 1 & 2	1 day	100%	Mon 6/2/08	Mon 6/2/08
362	**MMS**	**MA**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
363	MMS	Baseline 0	1 day	100%	Mon 6/2/08	Mon 6/2/08
364	MMS	Baseline 1& 2	1 day	100%	Mon 6/2/08	Mon 6/2/08
365	**MMS**	**Test plans, cases & scripts**	**188 days**	**100%**	**Sun 6/1/08**	**Tue 3/10/09**
366	MMS	MMS1 (accelerated SCED)	2 days	100%	Sun 6/1/08	Mon 6/2/08
367	MMS	MMS2	2 days	100%	Sun 6/1/08	Mon 6/2/08
368	MMS	MMS3	2 days	100%	Sun 6/1/08	Mon 6/2/08
369	MMS	MMS4	2 days	100%	Sun 6/1/08	Mon 6/2/08
370	MMS	MMS5:Test Plans, Cases, & Scripts	1 day	100%	Tue 3/10/09	Tue 3/10/09
371	**MMS**	**Design / functional specs**	**245 days**	**14%**	**Mon 6/2/08**	**Mon 6/1/09**
372	MMS	MMS1 (accelerated SCED)	1 day	100%	Mon 6/2/08	Mon 6/2/08
373	MMS	MMS2	1 day	100%	Mon 6/2/08	Mon 6/2/08
374	MMS	MMS3	1 day	100%	Mon 6/2/08	Mon 6/2/08
375	MMS	MMS4	1 day	100%	Mon 6/2/08	Mon 6/2/08
376	MMS	MMS5	1 day	100%	Mon 6/2/08	Mon 6/2/08
377	MMS	Validation Rules Design Specification Completed	32 days	0%	Thu 4/16/09	Mon 6/1/09
379	**MMS**	**Process & Procedures**	**115 days**	**100%**	**Mon 6/2/08**	**Tue 11/11/08**
380	**MMS**	**Operating**	**115 days**	**100%**	**Mon 6/2/08**	**Tue 11/11/08**
381	**MMS**	**Day-Ahead Market (DAM)**	**94 days**	**100%**	**Mon 6/2/08**	**Mon 10/13/08**
382	MMS	DAM:Create Process Map	12 days	100%	Mon 6/2/08	Tue 6/17/08
383	MMS	DAM:Create OP document "draft"	24 days	100%	Mon 6/30/08	Fri 8/1/08
384	MMS	DAM:SME Review OP document	5 days	100%	Mon 8/4/08	Fri 8/8/08
385	MMS	DAM:Present OP to TPTF	1 day	100%	Mon 8/11/08	Mon 8/11/08
386	MMS	DAM:Revise & Review OP document	26 days	100%	Mon 9/8/08	Mon 10/13/08
387	MMS	DAM:"Finalize" OP document	0 days	100%	Mon 10/13/08	Mon 10/13/08
388	**MMS**	**Reliability Unit Commitment (RUC)**	**114 days**	**100%**	**Mon 6/2/08**	**Mon 11/10/08**
389	MMS	Ruc:Create Process Map	12 days	100%	Mon 6/2/08	Tue 6/17/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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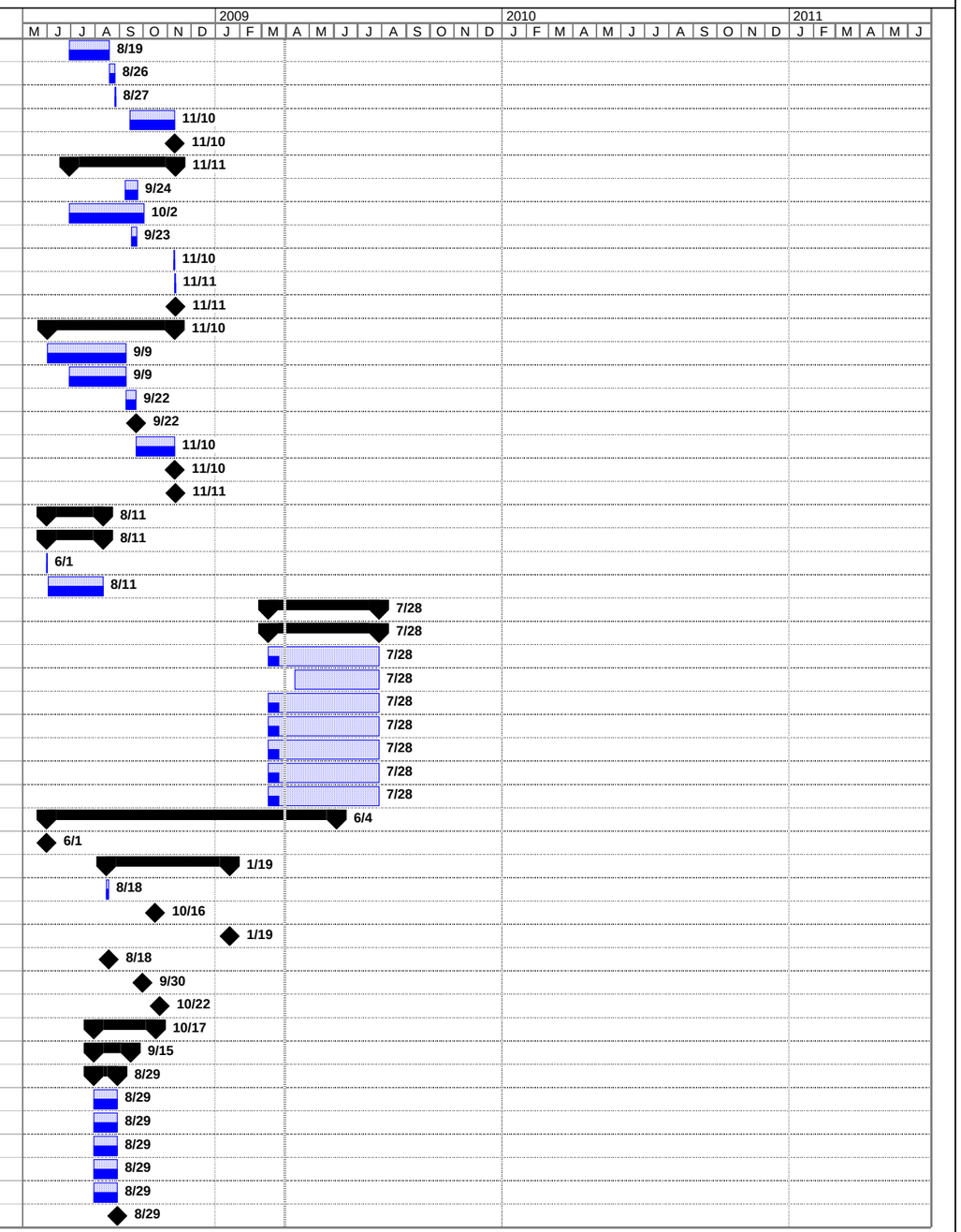
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
390	MMS	RUC:Create OP document "draft"	36 days	100%	Mon 6/30/08	Tue 8/19/08
391	MMS	RUC:SME Review OP document	5 days	100%	Wed 8/20/08	Tue 8/26/08
392	MMS	RUC:Present OP to TPTF	1 day	100%	Wed 8/27/08	Wed 8/27/08
393	MMS	RUC:Revise & Review OP document	41 days	100%	Mon 9/15/08	Mon 11/10/08
394	MMS	RUC:"Finalize" OP document	0 days	100%	Mon 11/10/08	Mon 11/10/08
395	**MMS**	**Real-Time Market (RTM)**	**95 days**	**100%**	**Mon 6/30/08**	**Tue 11/11/08**
396	MMS	RTM:Create Process Map	12 days	100%	Tue 9/9/08	Wed 9/24/08
397	MMS	RTM:Create OP document "draft"	67 days	100%	Mon 6/30/08	Thu 10/2/08
398	MMS	RTM:SME Review OP document	5 days	100%	Wed 9/17/08	Tue 9/23/08
399	MMS	RTM:Present OP to TPTF	1 day	100%	Mon 11/10/08	Mon 11/10/08
400	MMS	RTM:Revise & Review OP document	1 day	100%	Tue 11/11/08	Tue 11/11/08
401	MMS	RTM:"Finalize" OP document	0 days	100%	Tue 11/11/08	Tue 11/11/08
402	**MMS**	**Adjustment Period (ADJ)**	**114 days**	**100%**	**Mon 6/2/08**	**Mon 11/10/08**
403	MMS	ADJ:Create Process Map	70 days	100%	Mon 6/2/08	Tue 9/9/08
404	MMS	ADJ:Create OP document "draft"	50 days	100%	Mon 6/30/08	Tue 9/9/08
405	MMS	ADJ:SME Review OP document	9 days	100%	Wed 9/10/08	Mon 9/22/08
406	MMS	ADJ:Present OP to TPTF	0 days	100%	Mon 9/22/08	Mon 9/22/08
407	MMS	ADJ:Revise & Review OP document	35 days	100%	Tue 9/23/08	Mon 11/10/08
408	MMS	ADJ:"Finalize" OP document	0 days	100%	Mon 11/10/08	Mon 11/10/08
409	MMS	Operating procedure complete	0 days	100%	Tue 11/11/08	Tue 11/11/08
410	**MMS**	**Administration**	**51 days**	**100%**	**Sun 6/1/08**	**Mon 8/11/08**
411	**MMS**	**ABB SOW's**	**51 days**	**100%**	**Sun 6/1/08**	**Mon 8/11/08**
412	MMS	Amendement 9	1 day	100%	Sun 6/1/08	Sun 6/1/08
413	MMS	Amendment 10	49 days	100%	Tue 6/3/08	Mon 8/11/08
414	**MMS**	**Change Control**	**99 days**	**9%**	**Tue 3/10/09**	**Tue 7/28/09**
415	**MMS**	**NPRRs**	**99 days**	**9%**	**Tue 3/10/09**	**Tue 7/28/09**
416	MMS	NPRR091 – Scarcity Pricing & Mitigated Offer Cap	99 days	10%	Tue 3/10/09	Tue 7/28/09
417	MMS	NPRR102 – Implementation of PUCT 25.505(f), Publication of Resource & Load Information	75 days	0%	Mon 4/13/09	Tue 7/28/09
418	MMS	NPRR113 – Ancillary service trades with ERCOT	99 days	10%	Tue 3/10/09	Tue 7/28/09
419	MMS	NPRR124 - Resource Node Update Definition	99 days	10%	Tue 3/10/09	Tue 7/28/09
420	MMS	NPRR128 – CCP Blocks with Multiple Voltages	99 days	10%	Tue 3/10/09	Tue 7/28/09
421	MMS	NPRR131 – Ancillary Service Trades with ERCOT	99 days	10%	Tue 3/10/09	Tue 7/28/09
422	MMS	NPRR134 – Section 7 Cleanup: FGR processing	99 days	10%	Tue 3/10/09	Tue 7/28/09
423	**MMS**	**MMS Market Manager (MM) User Interface**	**249 days**	**88%**	**Sun 6/1/08**	**Thu 6/4/09**
424	MMS	MMS UI - Project Start	0 days	100%	Sun 6/1/08	Sun 6/1/08
425	**MMS**	**Dependencies**	**97 days**	**100%**	**Fri 8/15/08**	**Mon 1/19/09**
426	MMS	EIP 1.16 (Resource Parameters Submissions)	1 day	100%	Fri 8/15/08	Mon 8/18/08
427	MMS	EIP 1.17 available (Notifications, Synchronous transmissions, Failed transmissions, Extended Query, Wildcards)	0 days	100%	Thu 10/16/08	Thu 10/16/08
428	MMS	EIP 1.18 available (If Needed)	0 days	100%	Mon 1/19/09	Mon 1/19/09
429	MMS	MMS4_P3 available	0 days	100%	Mon 8/18/08	Mon 8/18/08
430	MMS	MMS4_P4 available	0 days	100%	Tue 9/30/08	Tue 9/30/08
431	MMS	MMS4_P5 available	0 days	100%	Wed 10/22/08	Wed 10/22/08
432	**MMS**	**Analysis & Design**	**56 days**	**100%**	**Thu 7/31/08**	**Fri 10/17/08**
433	**MMS**	**Create Wireframes/HTML**	**32 days**	**100%**	**Thu 7/31/08**	**Mon 9/15/08**
434	**MMS**	**Trades**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
435	MMS	Trades:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
436	MMS	Trades:HTML:Confirmed/Unconfirmed	22 days	100%	Thu 7/31/08	Fri 8/29/08
437	MMS	Trades:HTML:Energy	22 days	100%	Thu 7/31/08	Fri 8/29/08
438	MMS	Trades:HTML:Capacity	22 days	100%	Thu 7/31/08	Fri 8/29/08
439	MMS	Trades:HTML:AS	22 days	100%	Thu 7/31/08	Fri 8/29/08
440	MMS	Trades HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08



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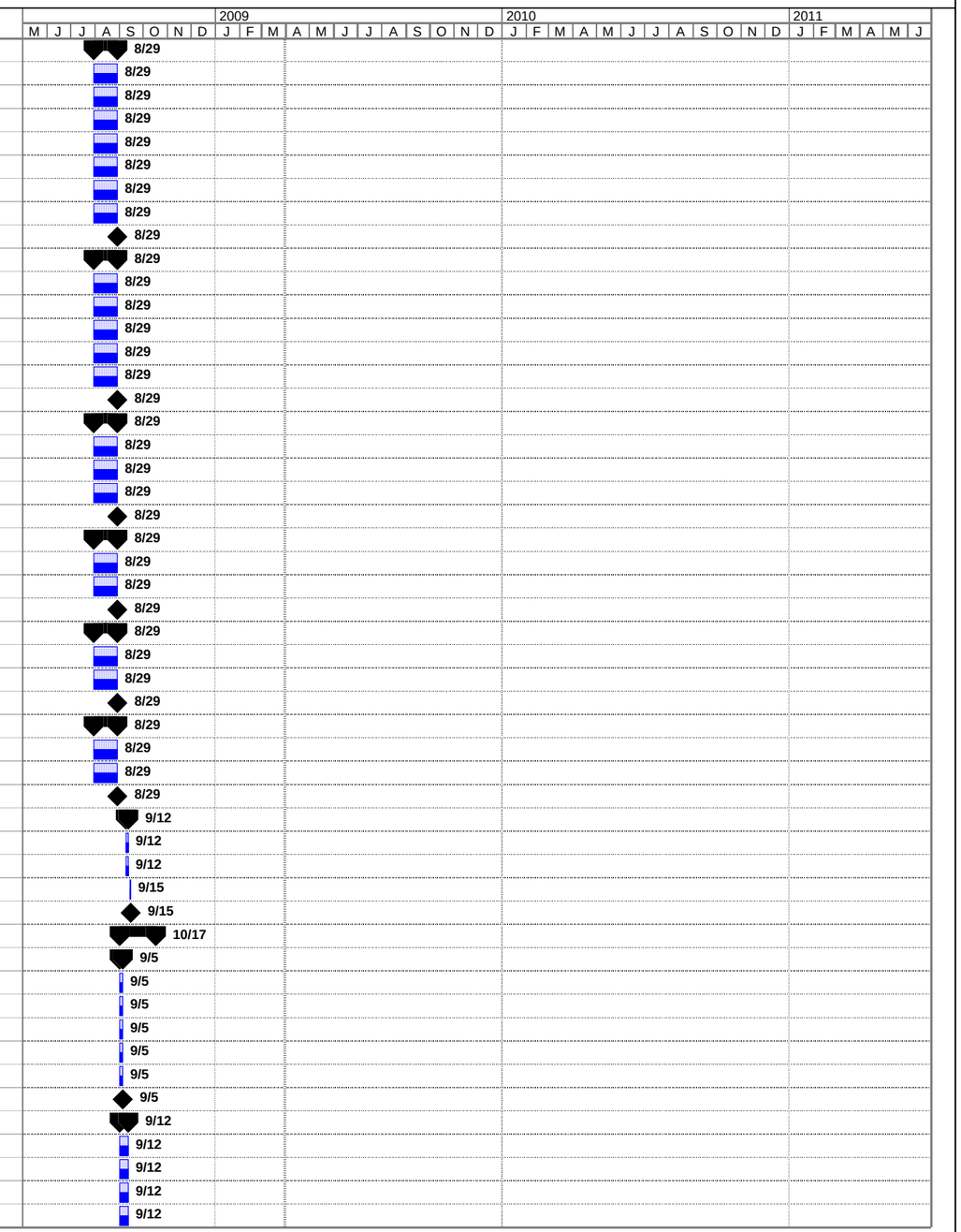
Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

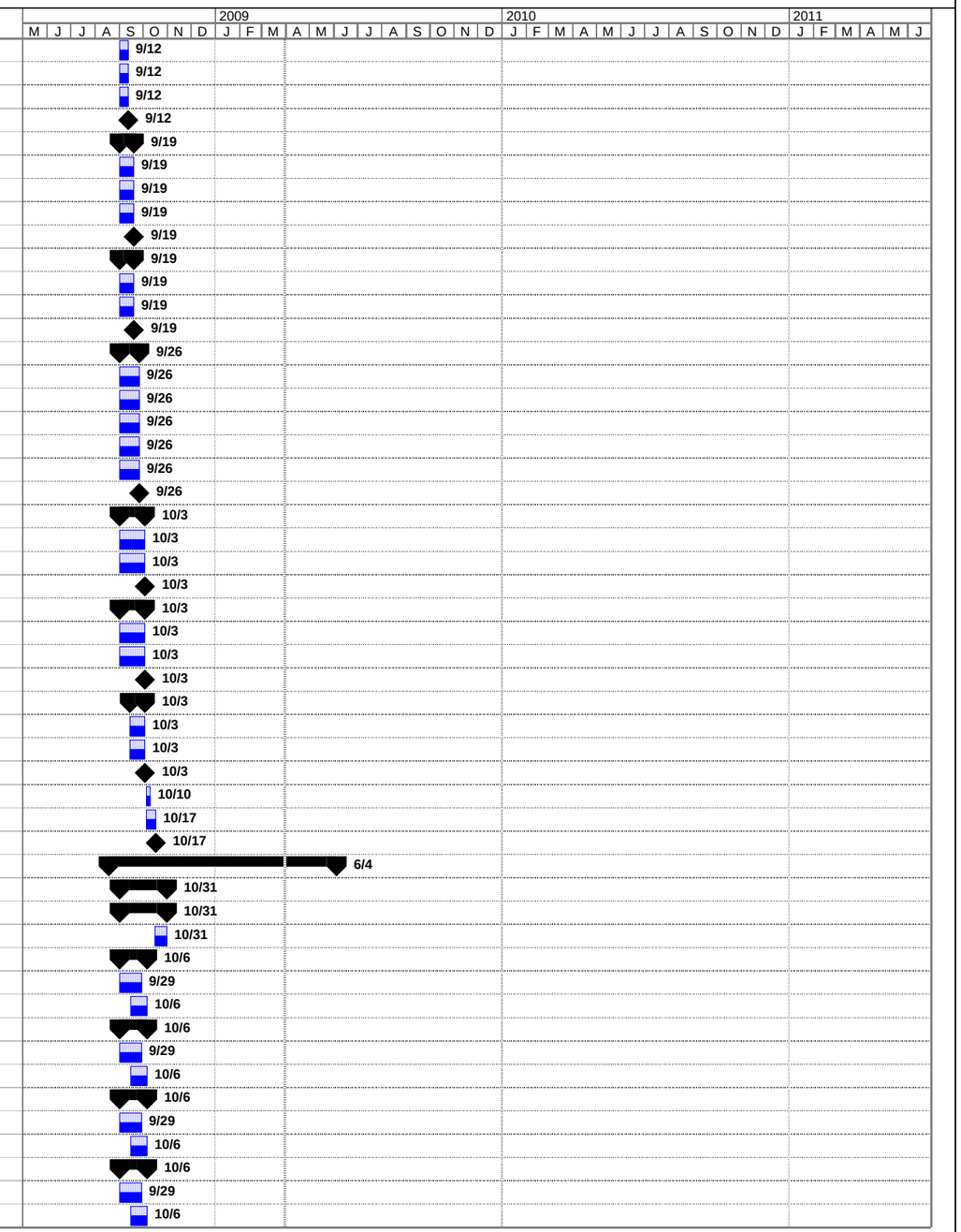
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
441	**MMS**	**Resource Specific Submissions (RSS)**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
442	MMS	RSS:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
443	MMS	RSS:HTML:Current Operating Plan (COP)	22 days	100%	Thu 7/31/08	Fri 8/29/08
444	MMS	RSS:HTML:Three-Part Offer/Energy Only Offer Curve	22 days	100%	Thu 7/31/08	Fri 8/29/08
445	MMS	RSS:HTML:Output Schedule	22 days	100%	Thu 7/31/08	Fri 8/29/08
446	MMS	RSS:HTML:AS Offer	22 days	100%	Thu 7/31/08	Fri 8/29/08
447	MMS	RSS:HTML:Inc/Dec Energy Offer Curve	22 days	100%	Thu 7/31/08	Fri 8/29/08
448	MMS	RSS:HTML:Resource Parameters	22 days	100%	Thu 7/31/08	Fri 8/29/08
449	MMS	Resource Specific Submissions (RSS) HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08
450	**MMS**	**Bids & Offers**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
451	MMS	Bids & Offers:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
452	MMS	Bids & Offers:HTML:DAM Energy-Only Offer Curve	22 days	100%	Thu 7/31/08	Fri 8/29/08
453	MMS	Bids & Offers:HTML:CRR Offer	22 days	100%	Thu 7/31/08	Fri 8/29/08
454	MMS	Bids & Offers:HTML:DAM Energy Bid	22 days	100%	Thu 7/31/08	Fri 8/29/08
455	MMS	Bids & Offers:HTML:PTP Obligation Bid	22 days	100%	Thu 7/31/08	Fri 8/29/08
456	MMS	Bids & Offers HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08
457	**MMS**	**Schedules**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
458	MMS	Schedules:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
459	MMS	Schedules:HTML:Self-Schedule	22 days	100%	Thu 7/31/08	Fri 8/29/08
460	MMS	Schedules:HTMLDC Ties	22 days	100%	Thu 7/31/08	Fri 8/29/08
461	MMS	Schedules HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08
462	**MMS**	**Self-Arranged AS**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
463	MMS	Self-Arranged AS:HTML:Self-Arranged AS	22 days	100%	Thu 7/31/08	Fri 8/29/08
464	MMS	Self-Arranged AS:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
465	MMS	Self-Arranged AS HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08
466	**MMS**	**Awards**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
467	MMS	Awards:HTML:Awards	22 days	100%	Thu 7/31/08	Fri 8/29/08
468	MMS	Awards:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
469	MMS	Awards HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08
470	**MMS**	**Notices**	**22 days**	**100%**	**Thu 7/31/08**	**Fri 8/29/08**
471	MMS	Notices:HTML:Notices	22 days	100%	Thu 7/31/08	Fri 8/29/08
472	MMS	Notices:HTML:Queries	22 days	100%	Thu 7/31/08	Fri 8/29/08
473	MMS	Notices HTML Complete	0 days	100%	Fri 8/29/08	Fri 8/29/08
474	**MMS**	**Verbal Dispatch Instructions (VDI)**	**3 days**	**100%**	**Wed 9/10/08**	**Fri 9/12/08**
475	MMS	VDI:HTML:Verbal Dispatch Instructions	3 days	100%	Wed 9/10/08	Fri 9/12/08
476	MMS	VDI:HTML:Queries	3 days	100%	Wed 9/10/08	Fri 9/12/08
477	MMS	VDI HTML Complete	1 day	100%	Mon 9/15/08	Mon 9/15/08
478	MMS	Finalize Wireframes/HTML Design	0 days	100%	Mon 9/15/08	Mon 9/15/08
479	**MMS**	**Document Requirements**	**34 days**	**100%**	**Tue 9/2/08**	**Fri 10/17/08**
480	**MMS**	**Bids & Offers**	**4 days**	**100%**	**Tue 9/2/08**	**Fri 9/5/08**
481	MMS	Bids & Offers:REQ:Queries	4 days	100%	Tue 9/2/08	Fri 9/5/08
482	MMS	Bids & Offers:REQ:DAM Energy-Only Offer Curve	4 days	100%	Tue 9/2/08	Fri 9/5/08
483	MMS	Bids & Offers:REQ:CRR Offer	4 days	100%	Tue 9/2/08	Fri 9/5/08
484	MMS	Bids & Offers:REQ:DAM Energy Bid	4 days	100%	Tue 9/2/08	Fri 9/5/08
485	MMS	Bids & Offers:REQ:PTP Obligation Bid	4 days	100%	Tue 9/2/08	Fri 9/5/08
486	MMS	"Bids & Offers" Requirements Complete	0 days	100%	Fri 9/5/08	Fri 9/5/08
487	**MMS**	**Resource Specific Submissions**	**9 days**	**100%**	**Tue 9/2/08**	**Fri 9/12/08**
488	MMS	RSS:REQ:Queries	9 days	100%	Tue 9/2/08	Fri 9/12/08
489	MMS	RSS:REQ:Current Operating Plan (COP)	9 days	100%	Tue 9/2/08	Fri 9/12/08
490	MMS	RSS:REQ:Three-Part Offer/Energy Only Offer Curve	9 days	100%	Tue 9/2/08	Fri 9/12/08
491	MMS	RSS:REQ:Output Schedule	9 days	100%	Tue 9/2/08	Fri 9/12/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
492	MMS	RSS:REQ:AS Offer	9 days	100%	Tue 9/2/08	Fri 9/12/08
493	MMS	RSS:REQ:Inc/Dec Energy Offer Curve	9 days	100%	Tue 9/2/08	Fri 9/12/08
494	MMS	RSS:REQ:Resource Parameters	9 days	100%	Tue 9/2/08	Fri 9/12/08
495	MMS	"Resource Specific Submissions" Requirements Complete	0 days	100%	Fri 9/12/08	Fri 9/12/08
496	**MMS**	**Schedules**	**14 days**	**100%**	**Tue 9/2/08**	**Fri 9/19/08**
497	MMS	Schedules:REQ:Queries	14 days	100%	Tue 9/2/08	Fri 9/19/08
498	MMS	Schedules:REQ:Self-Schedule	14 days	100%	Tue 9/2/08	Fri 9/19/08
499	MMS	Schedules:REQ:DC Tie	14 days	100%	Tue 9/2/08	Fri 9/19/08
500	MMS	"Schedules" Requirements Complete	0 days	100%	Fri 9/19/08	Fri 9/19/08
501	**MMS**	**Self-Arranged AS**	**14 days**	**100%**	**Tue 9/2/08**	**Fri 9/19/08**
502	MMS	Self-Arranged AS:REQ:Self-Arranged AS	14 days	100%	Tue 9/2/08	Fri 9/19/08
503	MMS	Self-Arranged AS:REQ:Queries	14 days	100%	Tue 9/2/08	Fri 9/19/08
504	MMS	"Self-Arranged AS" Requirements Complete	0 days	100%	Fri 9/19/08	Fri 9/19/08
505	**MMS**	**Trades**	**19 days**	**100%**	**Tue 9/2/08**	**Fri 9/26/08**
506	MMS	Trades:REQ:Queries	19 days	100%	Tue 9/2/08	Fri 9/26/08
507	MMS	Trades:REQ:Confirmed/Unconfirmed	19 days	100%	Tue 9/2/08	Fri 9/26/08
508	MMS	Trades:REQ:Energy	19 days	100%	Tue 9/2/08	Fri 9/26/08
509	MMS	Trades:REQ:Capacity	19 days	100%	Tue 9/2/08	Fri 9/26/08
510	MMS	Trades:REQ:AS	19 days	100%	Tue 9/2/08	Fri 9/26/08
511	MMS	"Trades" Requirements Complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
512	**MMS**	**Awards**	**24 days**	**100%**	**Tue 9/2/08**	**Fri 10/3/08**
513	MMS	Awards:REQ:Awards	24 days	100%	Tue 9/2/08	Fri 10/3/08
514	MMS	Awards:REQ:Queries	24 days	100%	Tue 9/2/08	Fri 10/3/08
515	MMS	"Awards" Requirements Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
516	**MMS**	**Notices**	**24 days**	**100%**	**Tue 9/2/08**	**Fri 10/3/08**
517	MMS	Notices:REQ:Notices	24 days	100%	Tue 9/2/08	Fri 10/3/08
518	MMS	Notices:REQ:Queries	24 days	100%	Tue 9/2/08	Fri 10/3/08
519	MMS	"Notices" Requirements Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
520	**MMS**	**Verbal Dispatch Instructions (VDI)**	**15 days**	**100%**	**Mon 9/15/08**	**Fri 10/3/08**
521	MMS	VDI:REQ:Verbal Dispatch Instructions	15 days	100%	Mon 9/15/08	Fri 10/3/08
522	MMS	VDI:REQ:Queries	15 days	100%	Mon 9/15/08	Fri 10/3/08
523	MMS	"VDI" Requirements Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
524	MMS	Business Rules/Validation	5 days	100%	Mon 10/6/08	Fri 10/10/08
525	MMS	Finalize Requirements Document	10 days	100%	Mon 10/6/08	Fri 10/17/08
526	MMS	Market Manager "Requirements" Complete	0 days	100%	Fri 10/17/08	Fri 10/17/08
527	**MMS**	**Construction & Unit Test (Build)**	**193 days**	**88%**	**Tue 8/19/08**	**Thu 6/4/09**
528	**MMS**	**Bids & Offers**	**44 days**	**100%**	**Tue 9/2/08**	**Fri 10/31/08**
529	**MMS**	**Front-end**	**44 days**	**100%**	**Tue 9/2/08**	**Fri 10/31/08**
530	MMS	Bids & Offers:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
531	**MMS**	**DAM Energy-Only Offer Curve**	**25 days**	**100%**	**Tue 9/2/08**	**Mon 10/6/08**
532	MMS	Bids & Offers:Build:DAM Energy-Only Offer Curve	20 days	100%	Tue 9/2/08	Mon 9/29/08
533	MMS	Bids & Offers:Build:Multi-hour Submissions	15 days	100%	Tue 9/16/08	Mon 10/6/08
534	**MMS**	**DAM Energy Bid**	**25 days**	**100%**	**Tue 9/2/08**	**Mon 10/6/08**
535	MMS	Bids & Offers:Build:DAM Energy Bid	20 days	100%	Tue 9/2/08	Mon 9/29/08
536	MMS	Bids & Offers:Build:Multi-hour Submissions	15 days	100%	Tue 9/16/08	Mon 10/6/08
537	**MMS**	**PTP Obligation Bid**	**25 days**	**100%**	**Tue 9/2/08**	**Mon 10/6/08**
538	MMS	Bids & Offers:Build:PTP Obligation Bid	20 days	100%	Tue 9/2/08	Mon 9/29/08
539	MMS	Bids & Offers:Build:Multi-hour Submissions	15 days	100%	Tue 9/16/08	Mon 10/6/08
540	**MMS**	**CRR Offers**	**25 days**	**100%**	**Tue 9/2/08**	**Mon 10/6/08**
541	MMS	Bids & Offers:Build:CRR Offers	20 days	100%	Tue 9/2/08	Mon 9/29/08
542	MMS	Bids & Offers:Build:Multi-hour Submissions	15 days	100%	Tue 9/16/08	Mon 10/6/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
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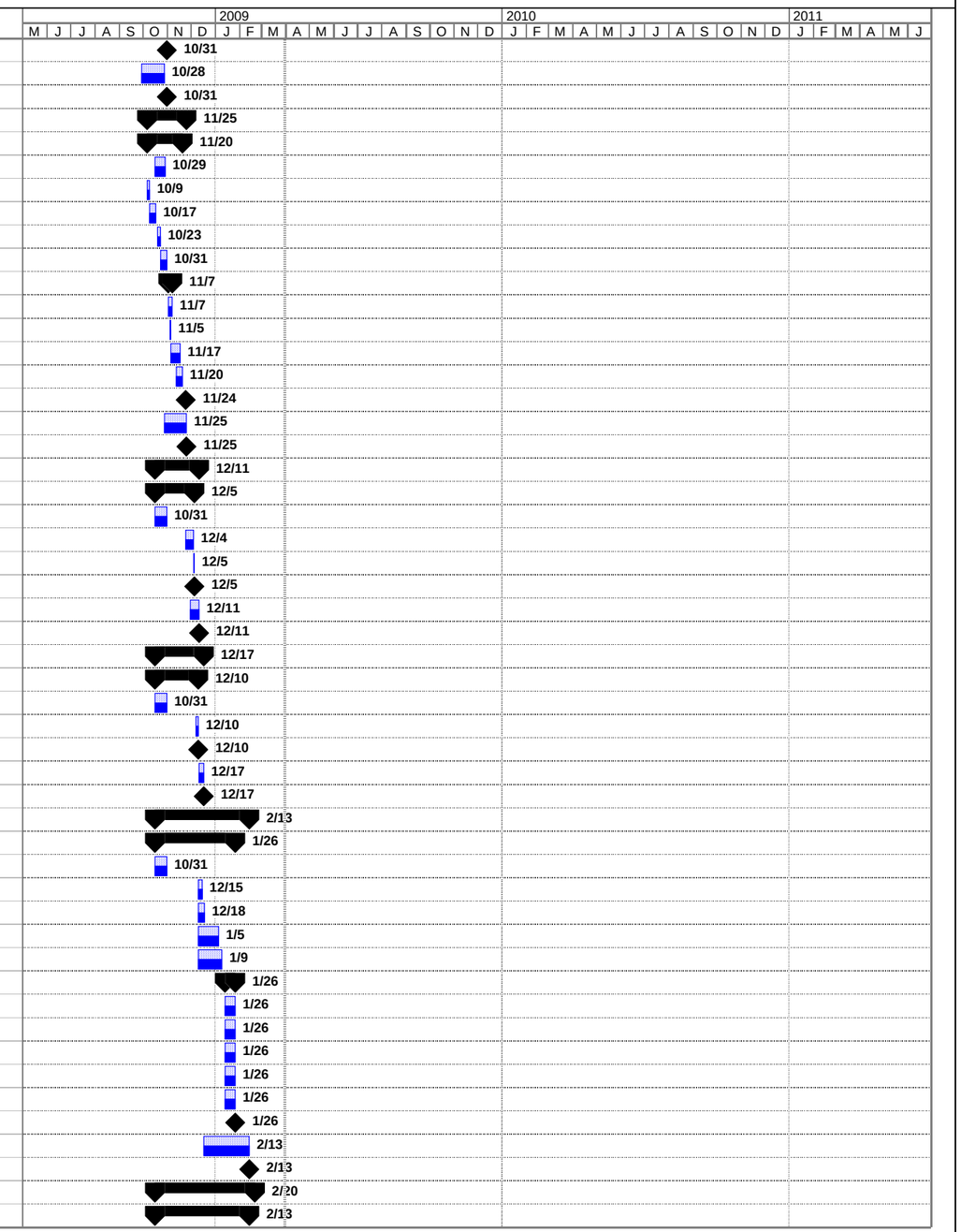
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
543	MMS	"Bids & Offers" Front-end Complete	0 days	100%	Fri 10/31/08	Fri 10/31/08
544	MMS	Bids & Offers:Build:Back-end Web Service	21 days	100%	Tue 9/30/08	Tue 10/28/08
545	MMS	"Bids & Offers" Released to FAT/iTest	0 days	100%	Fri 10/31/08	Fri 10/31/08
546	**MMS**	**Resource Specific Submissions (RSS)**	**36 days**	**100%**	**Tue 10/7/08**	**Tue 11/25/08**
547	**MMS**	**Front-end**	**33 days**	**100%**	**Tue 10/7/08**	**Thu 11/20/08**
548	MMS	RSS:Build:Queries	9 days	100%	Fri 10/17/08	Wed 10/29/08
549	MMS	RSS:Build:Current Operating Plan (COP)	3 days	100%	Tue 10/7/08	Thu 10/9/08
550	MMS	RSS:Build:Three-Part Offer	6 days	100%	Fri 10/10/08	Fri 10/17/08
551	MMS	RSS:Build:Energy Only Offer Curve	4 days	100%	Mon 10/20/08	Thu 10/23/08
552	MMS	RSS:Build:Output Schedule	6 days	100%	Fri 10/24/08	Fri 10/31/08
553	**MMS**	**AS Offer**	**5 days**	**100%**	**Mon 11/3/08**	**Fri 11/7/08**
554	MMS	RSS:Build:AS Offer	5 days	100%	Mon 11/3/08	Fri 11/7/08
555	MMS	RSS:Build:Multi-hour submission	1 day	100%	Wed 11/5/08	Wed 11/5/08
556	MMS	RSS:Build:Inc/Dec Energy Offer Curve	8 days	100%	Thu 11/6/08	Mon 11/17/08
557	MMS	RSS:Build:Resource Parameters	6 days	100%	Thu 11/13/08	Thu 11/20/08
558	MMS	"RSS" Front-end Complete	0 days	100%	Mon 11/24/08	Mon 11/24/08
559	MMS	RSS:Buuild:Back-end Web Service	20 days	100%	Wed 10/29/08	Tue 11/25/08
560	MMS	"Resource Specific Submissions" Released to Pre-FAT	0 days	100%	Tue 11/25/08	Tue 11/25/08
561	**MMS**	**Schedules**	**37 days**	**100%**	**Fri 10/17/08**	**Thu 12/11/08**
562	**MMS**	**Front-end**	**33 days**	**100%**	**Fri 10/17/08**	**Fri 12/5/08**
563	MMS	Schedules:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
564	MMS	Schedules:Build:DC Ties	5 days	100%	Tue 11/25/08	Thu 12/4/08
565	MMS	Schedules:Build:Self-Schedule	1 day	100%	Fri 12/5/08	Fri 12/5/08
566	MMS	"Schedules" Front-end Complete	0 days	100%	Fri 12/5/08	Fri 12/5/08
567	MMS	Schedules:Build:Back-end Web Services	9 days	100%	Mon 12/1/08	Thu 12/11/08
568	MMS	"Schedules" Released to Pre-FAT	0 days	100%	Thu 12/11/08	Thu 12/11/08
569	**MMS**	**Self-Arranged AS**	**41 days**	**100%**	**Fri 10/17/08**	**Wed 12/17/08**
570	**MMS**	**Front-end**	**36 days**	**100%**	**Fri 10/17/08**	**Wed 12/10/08**
571	MMS	Self-Arranges AS:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
572	MMS	Self-Arranged AS:Build:Self-Arranged AS	3 days	100%	Mon 12/8/08	Wed 12/10/08
573	MMS	"Self-Arranged AS" Front-end Complete	0 days	100%	Wed 12/10/08	Wed 12/10/08
574	MMS	Self-Arranged AS:Build:Back-end Web Services	4 days	100%	Fri 12/12/08	Wed 12/17/08
575	MMS	"Self-Arranged AS" Released to Pre-FAT	0 days	100%	Wed 12/17/08	Wed 12/17/08
576	**MMS**	**Trades**	**73 days**	**100%**	**Fri 10/17/08**	**Fri 2/13/09**
577	**MMS**	**Front-end**	**59 days**	**100%**	**Fri 10/17/08**	**Mon 1/26/09**
578	MMS	Trades:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
579	MMS	Trades:Build:Confirmed/Unconfirmed	3 days	100%	Thu 12/11/08	Mon 12/15/08
580	MMS	Trades:Build:Energy	6 days	100%	Thu 12/11/08	Thu 12/18/08
581	MMS	Trades:Build:Capacity	8 days	100%	Thu 12/11/08	Mon 1/5/09
582	MMS	Trades:Build:AS	12 days	100%	Thu 12/11/08	Fri 1/9/09
583	**MMS**	**Client-side Validation 1**	**9 days**	**100%**	**Wed 1/14/09**	**Mon 1/26/09**
584	MMS	Trades:Build:Client-side validation	9 days	100%	Wed 1/14/09	Mon 1/26/09
585	MMS	Bids & Offers:Build:Client-side validation	9 days	100%	Wed 1/14/09	Mon 1/26/09
586	MMS	Resource Specific Submissions (RSS):Client-side validation	9 days	100%	Wed 1/14/09	Mon 1/26/09
587	MMS	Schedules:Build:Client-side validation	9 days	100%	Wed 1/14/09	Mon 1/26/09
588	MMS	Self-Arranged AS:Build:Client-side validation	9 days	100%	Wed 1/14/09	Mon 1/26/09
589	MMS	"Trades" Front-end Complete	0 days	100%	Mon 1/26/09	Mon 1/26/09
590	MMS	Trades:Build:Back-end Web Service	32 days	100%	Thu 12/18/08	Fri 2/13/09
591	MMS	"Trades" Released to Pre-FAT	0 days	100%	Fri 2/13/09	Fri 2/13/09
592	**MMS**	**Awards**	**78 days**	**100%**	**Fri 10/17/08**	**Fri 2/20/09**
593	**MMS**	**Front-end**	**73 days**	**100%**	**Fri 10/17/08**	**Fri 2/13/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
Task Progress | Milestone | Rolled Up Critical Task | Split | Group By Summary
Critical Task (20d) | Summary | Rolled Up Milestone | External Tasks | Deadline

ERCOT Public
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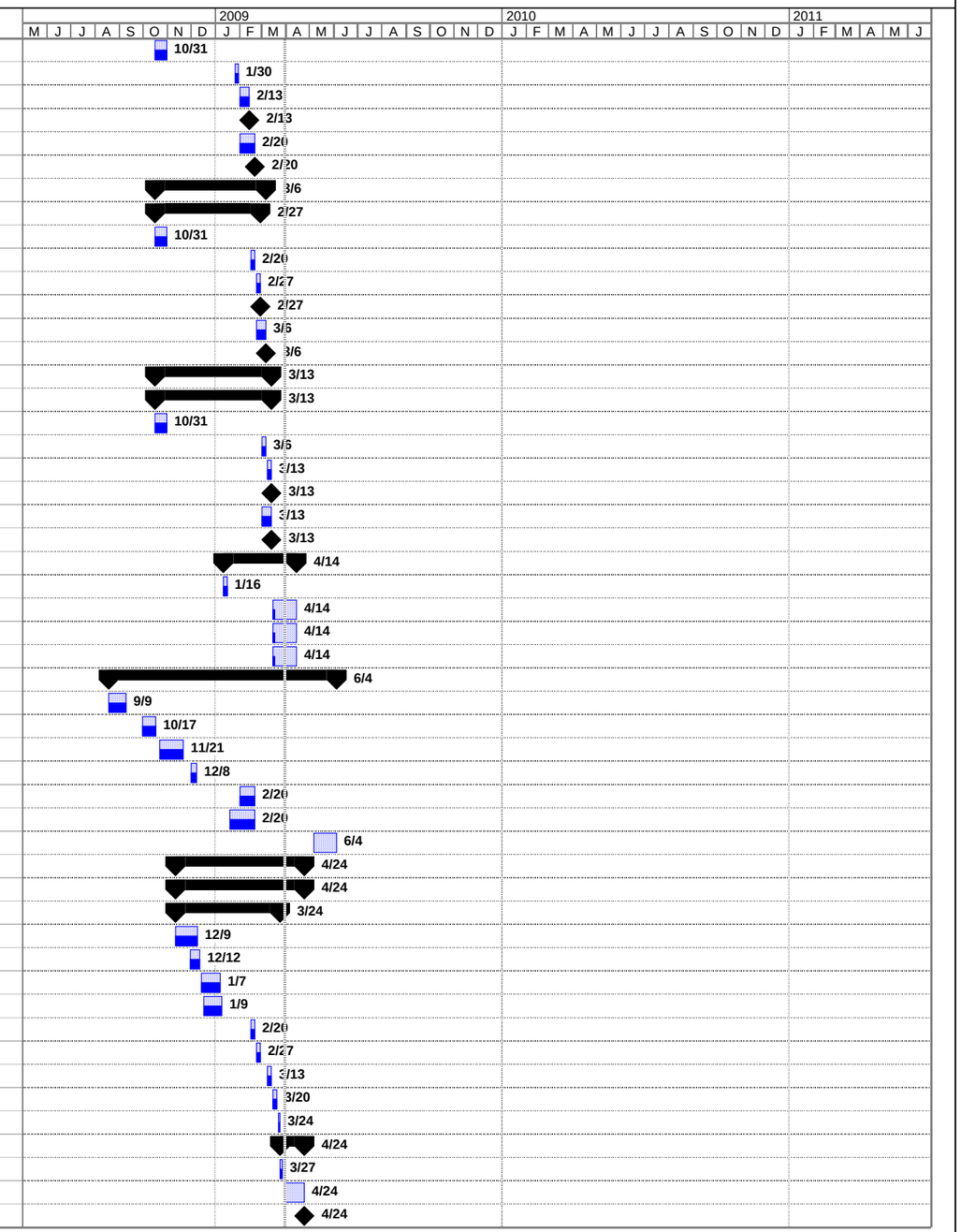
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
594	MMS	Awards:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
595	MMS	Awards:Build:Awards	4 days	100%	Tue 1/27/09	Fri 1/30/09
596	MMS	Awards:Build:Client-side validation	10 days	100%	Mon 2/2/09	Fri 2/13/09
597	MMS	"Awards" Front-end Complete	0 days	100%	Fri 2/13/09	Fri 2/13/09
598	MMS	Awards:Build:Back-end Web Services	15 days	100%	Mon 2/2/09	Fri 2/20/09
599	MMS	"Awards" Released to Pre-FAT	0 days	100%	Fri 2/20/09	Fri 2/20/09
600	**MMS**	**Notices**	**88 days**	**100%**	**Fri 10/17/08**	**Fri 3/6/09**
601	**MMS**	**Front-end**	**83 days**	**100%**	**Fri 10/17/08**	**Fri 2/27/09**
602	MMS	Notices:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
603	MMS	Notices:Build:Notices	5 days	100%	Mon 2/16/09	Fri 2/20/09
604	MMS	Notices:Build:Client-side validation	5 days	100%	Mon 2/23/09	Fri 2/27/09
605	MMS	"Notices" Front-end Complete	0 days	100%	Fri 2/27/09	Fri 2/27/09
606	MMS	Notices:Build:Back-end Web Services	10 days	100%	Mon 2/23/09	Fri 3/6/09
607	MMS	"Notices" Released to Pre-FAT	0 days	100%	Fri 3/6/09	Fri 3/6/09
608	**MMS**	**Verbal Dispatch Instructions (VDI)**	**93 days**	**100%**	**Fri 10/17/08**	**Fri 3/13/09**
609	**MMS**	**Front-end**	**93 days**	**100%**	**Fri 10/17/08**	**Fri 3/13/09**
610	MMS	VDI:Build:Queries	11 days	100%	Fri 10/17/08	Fri 10/31/08
611	MMS	VDI:Build:Notices	5 days	100%	Mon 3/2/09	Fri 3/6/09
612	MMS	VDI:Build:Client-side validation	5 days	100%	Mon 3/9/09	Fri 3/13/09
613	MMS	"VDI" Front-end Complete	0 days	100%	Fri 3/13/09	Fri 3/13/09
614	MMS	VDI:Build:Back-end Web Services	10 days	100%	Mon 3/2/09	Fri 3/13/09
615	MMS	"VDI" Released to Pre-FAT	0 days	100%	Fri 3/13/09	Fri 3/13/09
616	**MMS**	**Maintenance & Enhancements Features**	**67 days**	**16%**	**Mon 1/12/09**	**Tue 4/14/09**
617	MMS	EIP v1.17 Refactoring	5 days	100%	Mon 1/12/09	Fri 1/16/09
618	MMS	Policy Manager Adherence	22 days	10%	Mon 3/16/09	Tue 4/14/09
619	MMS	Mimic Duns	22 days	10%	Mon 3/16/09	Tue 4/14/09
620	MMS	Role-based Security	22 days	10%	Mon 3/16/09	Tue 4/14/09
621	**MMS**	**MMUI_Refactoring**	**193 days**	**82%**	**Tue 8/19/08**	**Thu 6/4/09**
622	MMS	MMS4_P3	15 days	100%	Tue 8/19/08	Tue 9/9/08
623	MMS	MMS4_P4	13 days	100%	Wed 10/1/08	Fri 10/17/08
624	MMS	MMS4_P5	22 days	100%	Thu 10/23/08	Fri 11/21/08
625	MMS	MMS4_P6	5 days	100%	Tue 12/2/08	Mon 12/8/08
626	MMS	MMS4_P7	15 days	100%	Mon 2/2/09	Fri 2/20/09
627	MMS	EIP v1.18	24 days	100%	Tue 1/20/09	Fri 2/20/09
628	MMS	MMS5 / EIP V 1.19 Released	20 days	0%	Thu 5/7/09	Thu 6/4/09
630	**MMS**	**Market Manager Test**	**105 days**	**77%**	**Wed 11/12/08**	**Fri 4/24/09**
631	**MMS**	**Market Manager Testing**	**105 days**	**77%**	**Wed 11/12/08**	**Fri 4/24/09**
632	**MMS**	**Market Manager (MM) Pre-FAT**	**82 days**	**100%**	**Wed 11/12/08**	**Tue 3/24/09**
633	MMS	Pre-FAT:Bids & Offers	17 days	100%	Wed 11/12/08	Tue 12/9/08
634	MMS	Pre-FAT:Resource Specific Submissions	10 days	100%	Mon 12/1/08	Fri 12/12/08
635	MMS	Pre-FAT:Schedules	8 days	100%	Mon 12/15/08	Wed 1/7/09
636	MMS	Pre-FAT:Self-Arranged AS	7 days	100%	Thu 12/18/08	Fri 1/9/09
637	MMS	Pre-FAT:Trades	5 days	100%	Mon 2/16/09	Fri 2/20/09
638	MMS	Pre-FAT:Awards	5 days	100%	Mon 2/23/09	Fri 2/27/09
639	MMS	Pre-FAT:Notices	5 days	100%	Mon 3/9/09	Fri 3/13/09
640	MMS	Pre-FAT:VDI	5 days	100%	Mon 3/16/09	Fri 3/20/09
641	MMS	MMCR Prepared & Submitted (Market Manager)	2 days	100%	Mon 3/23/09	Tue 3/24/09
642	**MMS**	**Market Manager FAT**	**23 days**	**13%**	**Wed 3/25/09**	**Fri 4/24/09**
643	MMS	Market Manager: FAT Build & Installation	3 days	100%	Wed 3/25/09	Fri 3/27/09
644	MMS	Market Manager: FAT	20 days	0%	Mon 3/30/09	Fri 4/24/09
645	MMS	Deliver MM UI to iTEST	0 days	0%	Fri 4/24/09	Fri 4/24/09

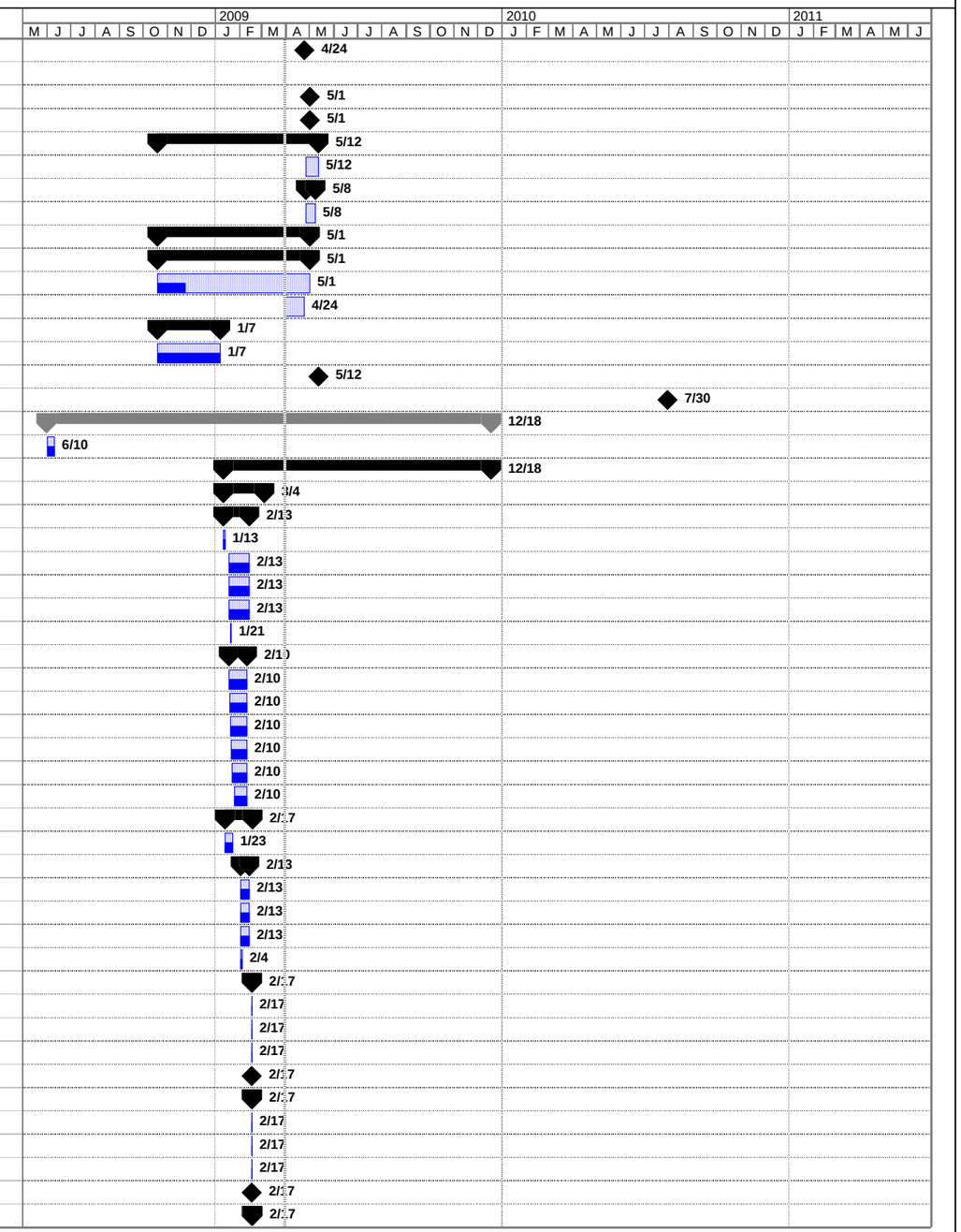


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

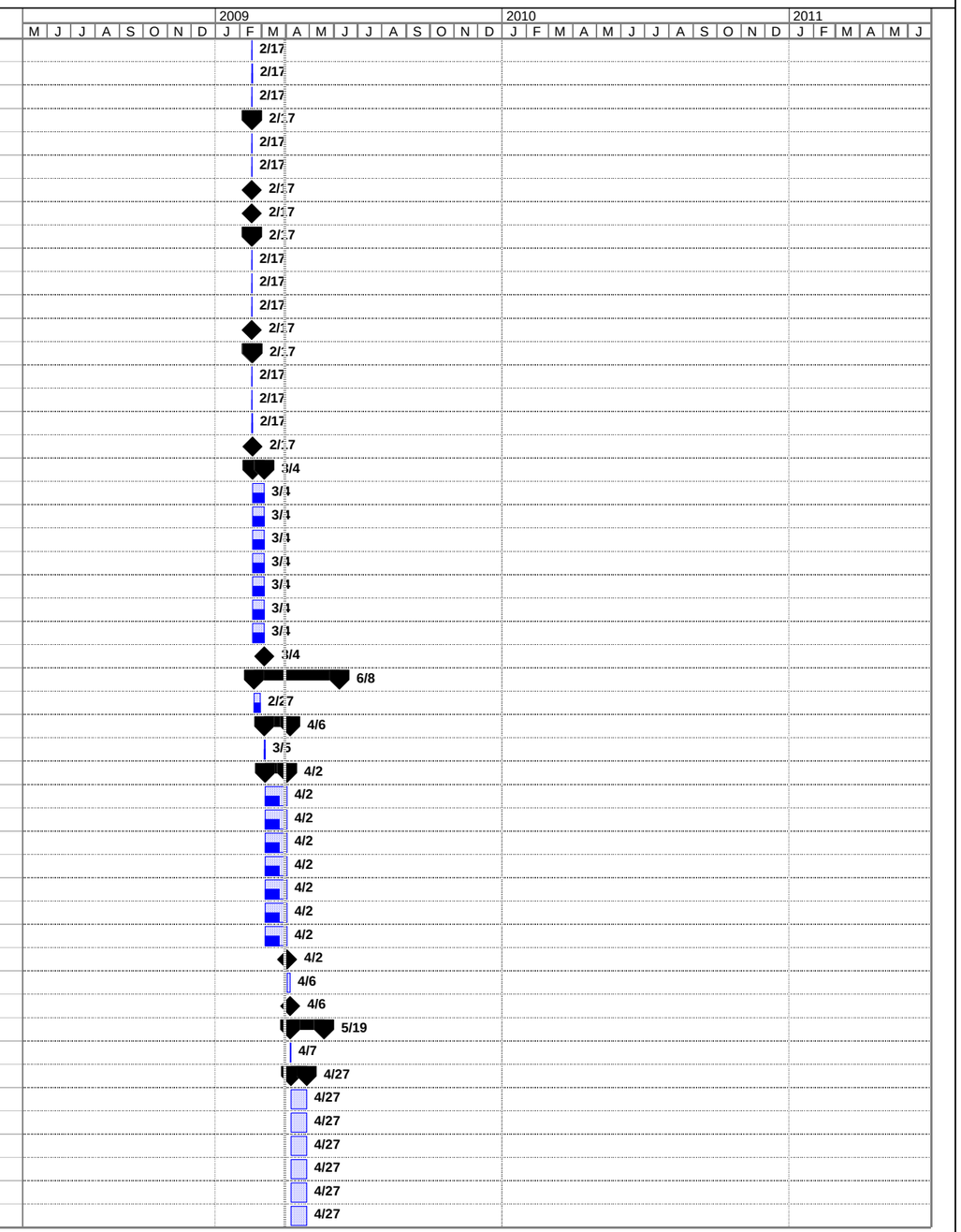
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
646	MMS	Market Manager FAT Completed	0 days	0%	Fri 4/24/09	Fri 4/24/09
647	**MMS**	**Integration**	**0 days**	**0%**	**Fri 5/1/09**	**Fri 5/1/09**
648	MMS	Itest Support	0 days	0%	Fri 5/1/09	Fri 5/1/09
649	MMS	EDS Support	0 days	0%	Fri 5/1/09	Fri 5/1/09
650	**MMS**	**Transition Activities**	**136 days**	**33%**	**Mon 10/20/08**	**Tue 5/12/09**
651	MMS	Port to Jboss	12 days	0%	Mon 4/27/09	Tue 5/12/09
652	**MMS**	**Training**	**10 days**	**0%**	**Mon 4/27/09**	**Fri 5/8/09**
653	MMS	User Product Training	10 days	0%	Mon 4/27/09	Fri 5/8/09
654	**MMS**	**Project Documentation**	**129 days**	**37%**	**Mon 10/20/08**	**Fri 5/1/09**
655	**MMS**	**Other Artifacts**	**127 days**	**37%**	**Mon 10/20/08**	**Fri 5/1/09**
656	MMS	Detail design	127 days	20%	Mon 10/20/08	Fri 5/1/09
657	MMS	Market Manager User Guide	20 days	0%	Mon 3/30/09	Fri 4/24/09
658	**MMS**	**Test documentation**	**45 days**	**100%**	**Mon 10/20/08**	**Wed 1/7/09**
659	MMS	Test Scripts	45 days	100%	Mon 10/20/08	Wed 1/7/09
660	MMS	MMS UI Project End	0 days	0%	Tue 5/12/09	Tue 5/12/09
661	MMS	MMS Project End	0 days	0%	Fri 7/30/10	Fri 7/30/10
4	**Nodal IPS**	**NMMS - Network Model Management System**	**384.5 days**	**68%**	**Sun 6/1/08**	**Fri 12/18/09**
1	NMMS	NMMS Replan Start	7 days	100%	Mon 6/2/08	Tue 6/10/08
2	**NMMS**	**Transmission Data Registration**	**238.5 days**	**40%**	**Mon 1/12/09**	**Fri 12/18/09**
3	**NMMS**	**Preparation Work**	**38 days**	**100%**	**Mon 1/12/09**	**Wed 3/4/09**
4	**NMMS**	**Development of new RARF Form**	**25 days**	**100%**	**Mon 1/12/09**	**Fri 2/13/09**
5	NMMS	Add new tabs to existing RARF	2 days	100%	Mon 1/12/09	Tue 1/13/09
6	NMMS	Develop import process to populate new tabs	20 days	100%	Mon 1/19/09	Fri 2/13/09
7	NMMS	Final Review with SME's	20 days	100%	Mon 1/19/09	Fri 2/13/09
8	NMMS	Transfer data from old RARF to New Form	20 days	100%	Mon 1/19/09	Fri 2/13/09
9	NMMS	Implement validation and pick list on RARF	1 day	100%	Wed 1/21/09	Wed 1/21/09
10	**NMMS**	**SME Business Rules Definition**	**17 days**	**100%**	**Mon 1/19/09**	**Tue 2/10/09**
11	NMMS	Line Data	17 days	100%	Mon 1/19/09	Tue 2/10/09
12	NMMS	Breaker Switch	16 days	100%	Tue 1/20/09	Tue 2/10/09
13	NMMS	Capacitor and Reactor Data	15 days	100%	Wed 1/21/09	Tue 2/10/09
14	NMMS	Transformer	14 days	100%	Thu 1/22/09	Tue 2/10/09
15	NMMS	Site Var Compensator Data	13 days	100%	Fri 1/23/09	Tue 2/10/09
16	NMMS	Series Device Data	12 days	100%	Mon 1/26/09	Tue 2/10/09
17	**NMMS**	**Automate Business Rule Definitions**	**25 days**	**100%**	**Wed 1/14/09**	**Tue 2/17/09**
18	NMMS	Modifications to RARF HUB tables	8 days	100%	Wed 1/14/09	Fri 1/23/09
19	**NMMS**	**Line Data**	**9 days**	**100%**	**Tue 2/3/09**	**Fri 2/13/09**
20	NMMS	Business Rules Support	9 days	100%	Tue 2/3/09	Fri 2/13/09
21	NMMS	Build View	9 days	100%	Tue 2/3/09	Fri 2/13/09
22	NMMS	Build Crystal Reports	9 days	100%	Tue 2/3/09	Fri 2/13/09
23	NMMS	Team Lead	2 days	100%	Tue 2/3/09	Wed 2/4/09
24	**NMMS**	**Breaker Switch**	**0.5 days**	**100%**	**Tue 2/17/09**	**Tue 2/17/09**
25	NMMS	Business Rules Support	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
26	NMMS	Build View	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
27	NMMS	Build Crystal Reports	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
28	NMMS	Team Lead	0 days	100%	Tue 2/17/09	Tue 2/17/09
29	**NMMS**	**Capacitor and Reactor Data**	**0.5 days**	**100%**	**Tue 2/17/09**	**Tue 2/17/09**
30	NMMS	Business Rules Support	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
31	NMMS	Build View	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
32	NMMS	Build Crystal Reports	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
33	NMMS	Team Lead	0 days	100%	Tue 2/17/09	Tue 2/17/09
34	**NMMS**	**Transformer**	**1 day**	**100%**	**Tue 2/17/09**	**Tue 2/17/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
35	NMMS	Business Rules Support	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
36	NMMS	Build View	1 day	100%	Tue 2/17/09	Tue 2/17/09
37	NMMS	Build Crystal Reports	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
38	**NMMS**	**Transformer Sub Report**	**0.5 days**	**100%**	**Tue 2/17/09**	**Tue 2/17/09**
39	NMMS	Build View	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
40	NMMS	Build Crystal Reports	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
41	NMMS	Team Lead	0 days	100%	Tue 2/17/09	Tue 2/17/09
42	NMMS	Team Lead	0 days	100%	Tue 2/17/09	Tue 2/17/09
43	**NMMS**	**Site Var Compensator Data**	**0.5 days**	**100%**	**Tue 2/17/09**	**Tue 2/17/09**
44	NMMS	Business Rules Support	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
45	NMMS	Build View	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
46	NMMS	Build Crystal Reports	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
47	NMMS	Team Lead	0 days	100%	Tue 2/17/09	Tue 2/17/09
48	**NMMS**	**Series Device Data**	**1 day**	**100%**	**Tue 2/17/09**	**Tue 2/17/09**
49	NMMS	Business Rules Support	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
50	NMMS	Build View	0.5 days	100%	Tue 2/17/09	Tue 2/17/09
51	NMMS	Build Crystal Reports	1 day	100%	Tue 2/17/09	Tue 2/17/09
52	NMMS	Team Lead	0 days	100%	Tue 2/17/09	Tue 2/17/09
53	**NMMS**	**Quality Assurance**	**11 days**	**100%**	**Wed 2/18/09**	**Wed 3/4/09**
54	NMMS	Line Data	11 days	100%	Wed 2/18/09	Wed 3/4/09
55	NMMS	Breaker Switch	11 days	100%	Wed 2/18/09	Wed 3/4/09
56	NMMS	Capacitor and Reactor Data	11 days	100%	Wed 2/18/09	Wed 3/4/09
57	NMMS	Transformer	11 days	100%	Wed 2/18/09	Wed 3/4/09
58	NMMS	Site Var Compensator Data	11 days	100%	Wed 2/18/09	Wed 3/4/09
59	NMMS	Series Device Data	11 days	100%	Wed 2/18/09	Wed 3/4/09
60	NMMS	Update RARF Guide and Instruction	11 days	100%	Wed 2/18/09	Wed 3/4/09
61	NMMS	Development Complete	0 days	100%	Wed 3/4/09	Wed 3/4/09
62	**NMMS**	**Execution with the Private Use Networks**	**75.5 days**	**28%**	**Fri 2/20/09**	**Mon 6/8/09**
63	NMMS	Kick Off Meeting (With Market)	6 days	100%	Fri 2/20/09	Fri 2/27/09
64	**NMMS**	**Iteration 1**	**23 days**	**59%**	**Thu 3/5/09**	**Mon 4/6/09**
65	NMMS	Send Populated RARF's to PUNS	1 day	100%	Thu 3/5/09	Thu 3/5/09
66	**NMMS**	**Execution Support**	**20 days**	**60%**	**Fri 3/6/09**	**Thu 4/2/09**
67	NMMS	AM Team contacts MP's to review Audit Reports	20 days	60%	Fri 3/6/09	Thu 4/2/09
68	NMMS	Interim Audit Report Runs	20 days	60%	Fri 3/6/09	Thu 4/2/09
69	NMMS	Developer Support	20 days	60%	Fri 3/6/09	Thu 4/2/09
70	NMMS	Market Call Coorindation and Prep	20 days	60%	Fri 3/6/09	Thu 4/2/09
71	NMMS	Market Questions	20 days	60%	Fri 3/6/09	Thu 4/2/09
72	NMMS	SME Support	20 days	60%	Fri 3/6/09	Thu 4/2/09
73	NMMS	MP's Validate / Correct RARF's	20 days	60%	Fri 3/6/09	Thu 4/2/09
74	NMMS	Receive final Corrections for iteration 3	0 days	0%	Thu 4/2/09	Thu 4/2/09
75	NMMS	Run Remaining Audit Reports / Update Metrics	2 days	0%	Fri 4/3/09	Mon 4/6/09
76	NMMS	85% Production Quality	0 days	0%	Mon 4/6/09	Mon 4/6/09
78	**NMMS**	**Iteration 2**	**31 days**	**0%**	**Tue 4/7/09**	**Tue 5/19/09**
79	NMMS	Send Audit Reports to PUN's	1 day	0%	Tue 4/7/09	Tue 4/7/09
80	**NMMS**	**Execution Support**	**14 days**	**0%**	**Wed 4/8/09**	**Mon 4/27/09**
81	NMMS	AM Team contacts MP's to review Audit Reports	14 days	0%	Wed 4/8/09	Mon 4/27/09
82	NMMS	Interim Audit Report Runs	14 days	0%	Wed 4/8/09	Mon 4/27/09
83	NMMS	Developer Support	14 days	0%	Wed 4/8/09	Mon 4/27/09
84	NMMS	Market Call Coorindation and Prep	14 days	0%	Wed 4/8/09	Mon 4/27/09
85	NMMS	Market Questions	14 days	0%	Wed 4/8/09	Mon 4/27/09
86	NMMS	SME Support	14 days	0%	Wed 4/8/09	Mon 4/27/09

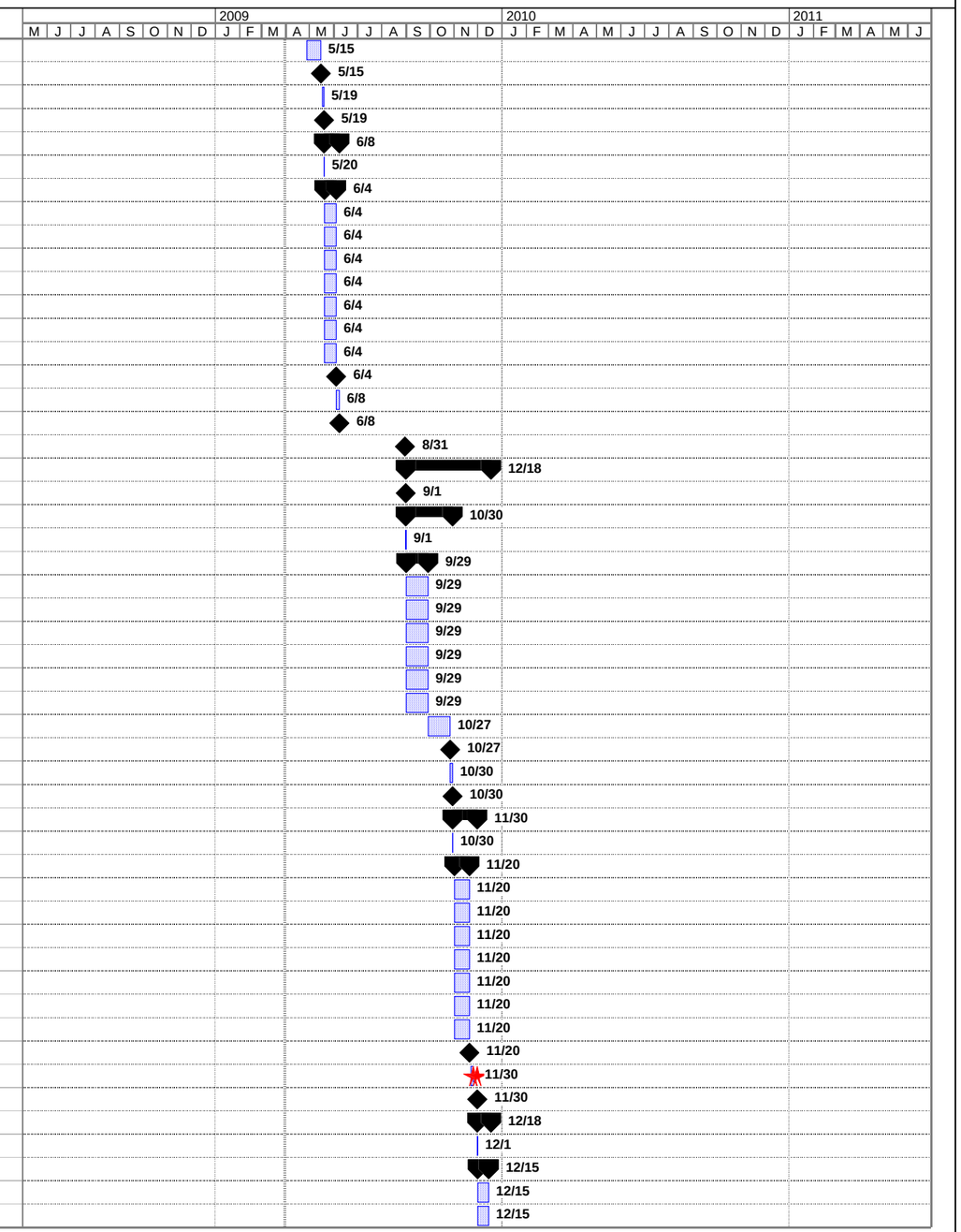


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
87	NMMS	MP's Validate / Correct RARF's	14 days	0%	Tue 4/28/09	Fri 5/15/09
88	NMMS	Receive final Corrections for iteration 3	0 days	0%	Fri 5/15/09	Fri 5/15/09
89	NMMS	Run Remaining Audit Reports / Update Metrics	2 days	0%	Mon 5/18/09	Tue 5/19/09
90	NMMS	95% Production Quality	0 days	0%	Tue 5/19/09	Tue 5/19/09
91	**NMMS**	**Iteration 3**	**12.5 days**	**0%**	**Wed 5/20/09**	**Mon 6/8/09**
92	NMMS	Send Remaining Audit Reports	0.5 days	0%	Wed 5/20/09	Wed 5/20/09
93	**NMMS**	**Execution Support**	**10 days**	**0%**	**Wed 5/20/09**	**Thu 6/4/09**
94	NMMS	AM Team contacts MP's to review Audit Reports	10 days	0%	Wed 5/20/09	Thu 6/4/09
95	NMMS	Interim Audit Report Runs	10 days	0%	Wed 5/20/09	Thu 6/4/09
96	NMMS	Developer Support	10 days	0%	Wed 5/20/09	Thu 6/4/09
97	NMMS	Market Call Coorindation and Prep	10 days	0%	Wed 5/20/09	Thu 6/4/09
98	NMMS	Market Questions	10 days	0%	Wed 5/20/09	Thu 6/4/09
99	NMMS	SME Support	10 days	0%	Wed 5/20/09	Thu 6/4/09
100	NMMS	MP's Validate / Correct RARF's	10 days	0%	Wed 5/20/09	Thu 6/4/09
101	NMMS	Receive final Corrections for iteration 3	0 days	0%	Thu 6/4/09	Thu 6/4/09
102	NMMS	Run Remaining Audit Reports / Update Metrics	2 days	0%	Thu 6/4/09	Mon 6/8/09
103	NMMS	98% Production Quality	0 days	0%	Mon 6/8/09	Mon 6/8/09
105	NMMS	SEM GO-LIVE (Milestone from NMMS Project Plan)	0 days	0%	Mon 8/31/09	Mon 8/31/09
106	**NMMS**	**Execution with Remaining Resource Entities**	**74.5 days**	**0%**	**Tue 9/1/09**	**Fri 12/18/09**
107	NMMS	Kick Off Meeting (With Market)	0 days	0%	Tue 9/1/09	Tue 9/1/09
108	**NMMS**	**Iteration 1**	**42.5 days**	**0%**	**Tue 9/1/09**	**Fri 10/30/09**
109	NMMS	Send Populated RARF's to RE's	0.5 days	0%	Tue 9/1/09	Tue 9/1/09
110	**NMMS**	**Execution Support**	**19 days**	**0%**	**Tue 9/1/09**	**Tue 9/29/09**
111	NMMS	AM Team contacts MP's to review Audit Reports	19 days	0%	Tue 9/1/09	Tue 9/29/09
112	NMMS	Interim Audit Report Runs	19 days	0%	Tue 9/1/09	Tue 9/29/09
113	NMMS	Developer Support	19 days	0%	Tue 9/1/09	Tue 9/29/09
114	NMMS	Market Call Coorindation and Prep	19 days	0%	Tue 9/1/09	Tue 9/29/09
115	NMMS	Market Questions	19 days	0%	Tue 9/1/09	Tue 9/29/09
116	NMMS	SME Support	19 days	0%	Tue 9/1/09	Tue 9/29/09
117	NMMS	MP's Validate / Correct RARF's	20 days	0%	Tue 9/29/09	Tue 10/27/09
118	NMMS	Receive final Corrections for iteration 3	0 days	0%	Tue 10/27/09	Tue 10/27/09
119	NMMS	Run Remaining Audit Reports / Update Metrics	3 days	0%	Tue 10/27/09	Fri 10/30/09
120	NMMS	85% Production Quality	0 days	0%	Fri 10/30/09	Fri 10/30/09
121	**NMMS**	**Iteration 2**	**18.5 days**	**0%**	**Fri 10/30/09**	**Mon 11/30/09**
122	NMMS	Send Audit Reports to RE's	0.5 days	0%	Fri 10/30/09	Fri 10/30/09
123	**NMMS**	**Execution Support**	**15 days**	**0%**	**Mon 11/2/09**	**Fri 11/20/09**
124	NMMS	AM Team contacts MP's to review Audit Reports	15 days	0%	Mon 11/2/09	Fri 11/20/09
125	NMMS	Interim Audit Report Runs	15 days	0%	Mon 11/2/09	Fri 11/20/09
126	NMMS	Developer Support	15 days	0%	Mon 11/2/09	Fri 11/20/09
127	NMMS	Market Call Coorindation and Prep	15 days	0%	Mon 11/2/09	Fri 11/20/09
128	NMMS	Market Questions	15 days	0%	Mon 11/2/09	Fri 11/20/09
129	NMMS	SME Support	15 days	0%	Mon 11/2/09	Fri 11/20/09
130	NMMS	MP's Validate / Correct RARF's	15 days	0%	Mon 11/2/09	Fri 11/20/09
131	NMMS	Receive final Corrections for iteration 3	0 days	0%	Fri 11/20/09	Fri 11/20/09
132	NMMS	Run Remaining Audit Reports / Update Metrics	3 days	0%	Mon 11/23/09	Mon 11/30/09
133	NMMS	95% Production Quality	0 days	0%	Mon 11/30/09	Mon 11/30/09
134	**NMMS**	**Iteration 3**	**13.5 days**	**0%**	**Tue 12/1/09**	**Fri 12/18/09**
135	NMMS	Send Remaining Audit Reports	0.5 days	0%	Tue 12/1/09	Tue 12/1/09
136	**NMMS**	**Execution Support**	**10 days**	**0%**	**Tue 12/1/09**	**Tue 12/15/09**
137	NMMS	AM Team contacts MP's to review Audit Reports	10 days	0%	Tue 12/1/09	Tue 12/15/09
138	NMMS	Interim Audit Report Runs	10 days	0%	Tue 12/1/09	Tue 12/15/09



Project: Nodal Program
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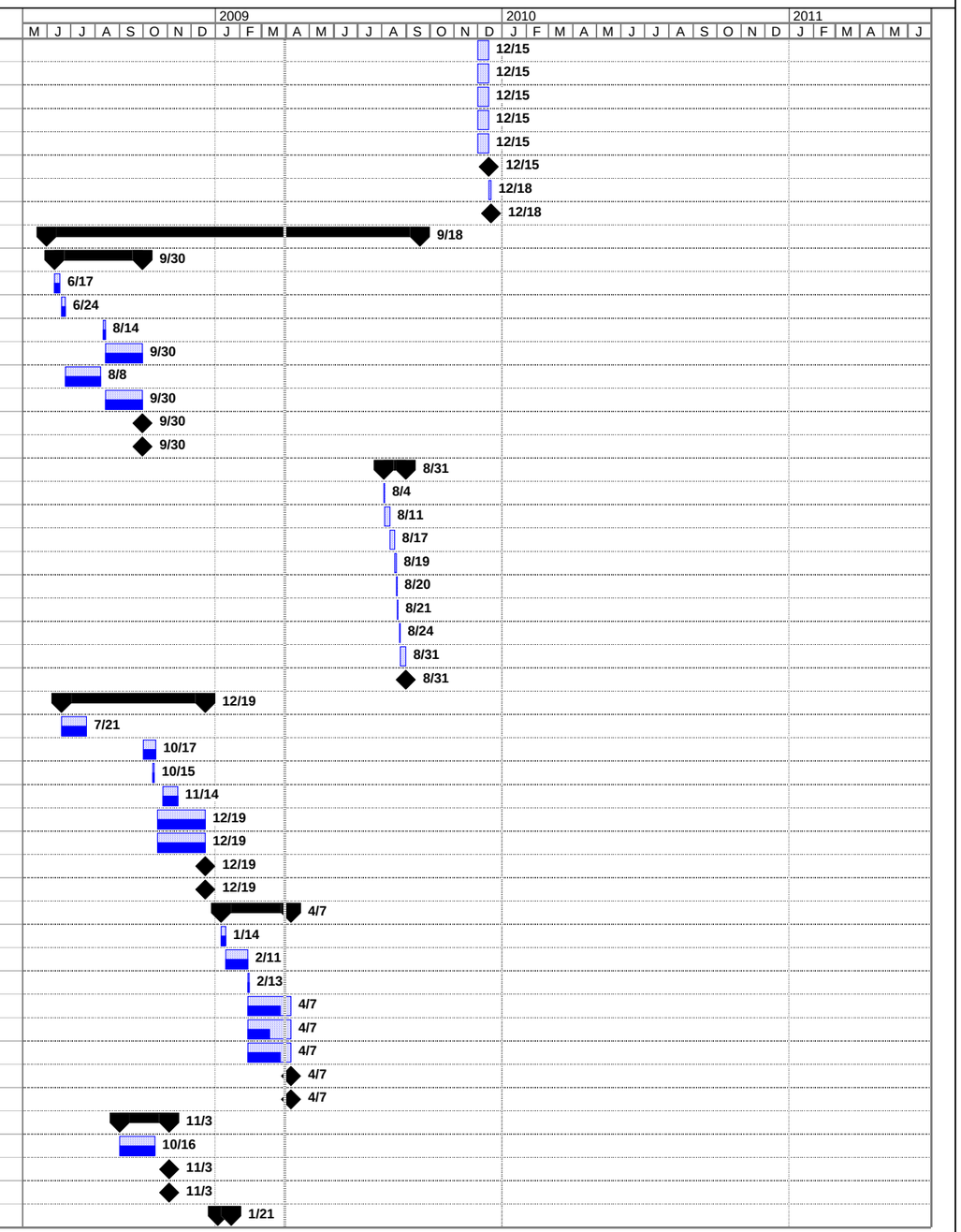
Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

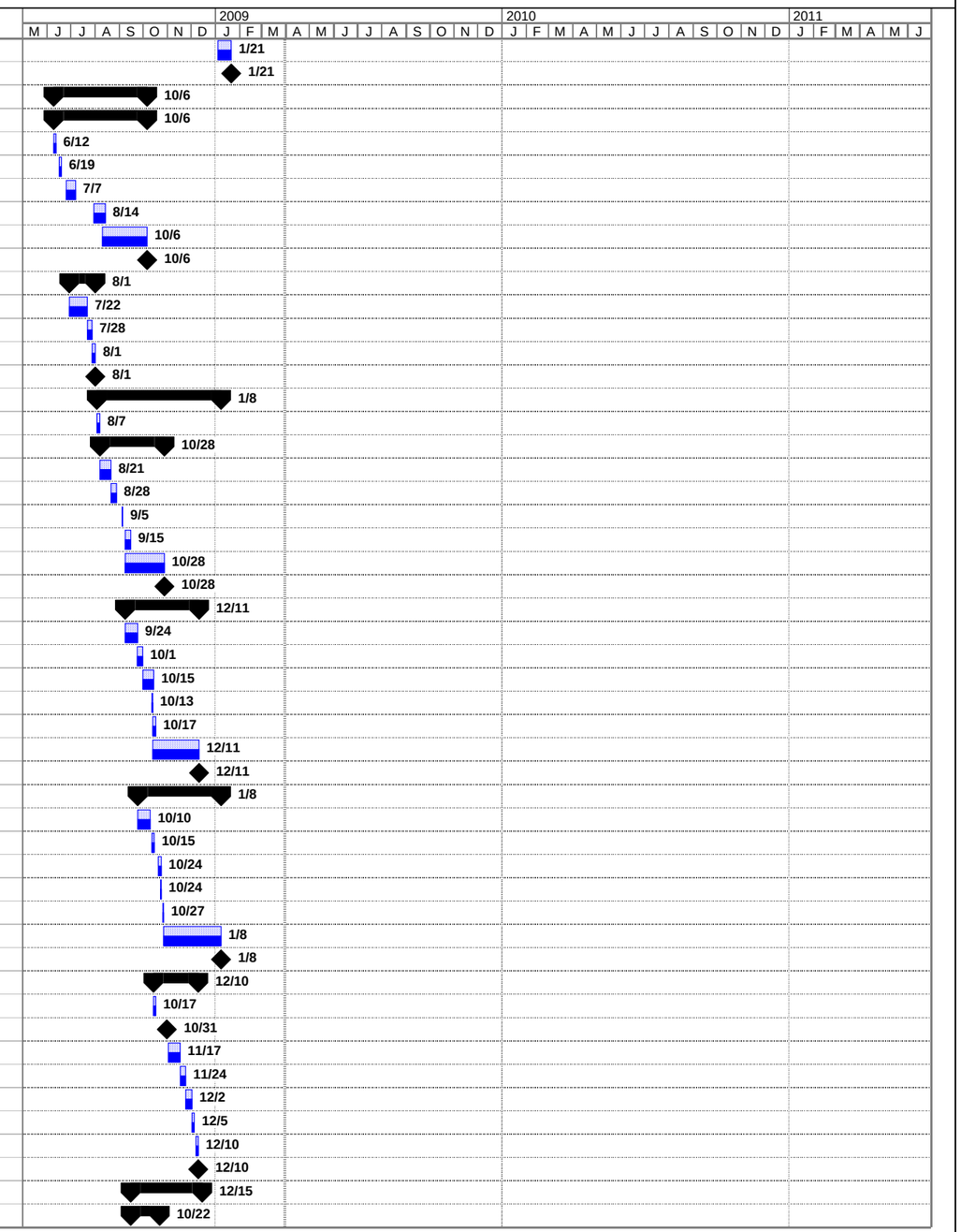
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
139	NMMS	Developer Support	10 days	0%	Tue 12/1/09	Tue 12/15/09
140	NMMS	Market Call Coorindation and Prep	10 days	0%	Tue 12/1/09	Tue 12/15/09
141	NMMS	Market Questions	10 days	0%	Tue 12/1/09	Tue 12/15/09
142	NMMS	SME Support	10 days	0%	Tue 12/1/09	Tue 12/15/09
143	NMMS	MP's Validate / Correct RARF's	10 days	0%	Tue 12/1/09	Tue 12/15/09
144	NMMS	Receive final Corrections for iteration 3	0 days	0%	Tue 12/15/09	Tue 12/15/09
145	NMMS	Run Remaining Audit Reports / Update Metrics	3 days	0%	Tue 12/15/09	Fri 12/18/09
146	NMMS	98% Production Quality	0 days	0%	Fri 12/18/09	Fri 12/18/09
147	**NMMS**	**Single Entry Model (SEM) Go Live**	**323 days**	**82%**	**Sun 6/1/08**	**Fri 9/18/09**
148	**NMMS**	**NMMS 4 (EMA 1F1 + PTI R2)**	**78 days**	**100%**	**Wed 6/11/08**	**Tue 9/30/08**
149	NMMS	Receive NMMS 4 from Siemens	5 days	100%	Wed 6/11/08	Tue 6/17/08
150	NMMS	Install NMMS 4 (EMA 1F1 + PTI R2)	3 days	100%	Fri 6/20/08	Tue 6/24/08
151	NMMS	Create & Submit MMCR	3 days	100%	Tue 8/12/08	Thu 8/14/08
152	NMMS	FAT NMMS 4 EMA 1F1	32 days	100%	Fri 8/15/08	Tue 9/30/08
153	NMMS	FAT NMMS 4 PTI R2	32 days	100%	Wed 6/25/08	Fri 8/8/08
154	NMMS	Manage Defects	32 days	100%	Fri 8/15/08	Tue 9/30/08
155	NMMS	NMMS 4 (EMA 1F1 + PTI R2) Installed & Tested	0 days	100%	Tue 9/30/08	Tue 9/30/08
156	NMMS	Deliver NMMS 4 to EDS	0 days	100%	Tue 9/30/08	Tue 9/30/08
158	**NMMS**	**Conduct Performance Test**	**20 days**	**0%**	**Tue 8/4/09**	**Mon 8/31/09**
160	NMMS	Issue Market Notice to Indicate Suggested Date	1 day	0%	Tue 8/4/09	Tue 8/4/09
161	NMMS	Confirm Date & Schedule Resources	5 days	0%	Wed 8/5/09	Tue 8/11/09
162	NMMS	Review Scenarios	4 days	0%	Wed 8/12/09	Mon 8/17/09
163	NMMS	Set-up Environment for Test	2 days	0%	Tue 8/18/09	Wed 8/19/09
164	NMMS	Conduct Test	1 day	0%	Thu 8/20/09	Thu 8/20/09
165	NMMS	Prepare Test Results	1 day	0%	Fri 8/21/09	Fri 8/21/09
166	NMMS	Discuss Results with Siemens	1 day	0%	Mon 8/24/09	Mon 8/24/09
167	NMMS	Resolve Performance Issues	5 days	0%	Tue 8/25/09	Mon 8/31/09
168	NMMS	NMMS Performance Test Completed	0 days	0%	Mon 8/31/09	Mon 8/31/09
169	**NMMS**	**NMMS 5 (EMA 1F2)**	**126 days**	**100%**	**Fri 6/20/08**	**Fri 12/19/08**
170	NMMS	Finalize functionality/design	21 days	100%	Fri 6/20/08	Mon 7/21/08
171	NMMS	Install & Test NMMS 5 (EMA 1F2)	12 days	100%	Thu 10/2/08	Fri 10/17/08
172	NMMS	Create & Submit MMCR	2 days	100%	Tue 10/14/08	Wed 10/15/08
173	NMMS	"FAT" NMMS-MIS Interface	15 days	100%	Mon 10/27/08	Fri 11/14/08
174	NMMS	FAT NMMS 5 (EMA 1F2)	42 days	100%	Mon 10/20/08	Fri 12/19/08
175	NMMS	Manage Defects	42 days	100%	Mon 10/20/08	Fri 12/19/08
176	NMMS	NMMS 5 (EMA 1F2) Installed & Tested	0 days	100%	Fri 12/19/08	Fri 12/19/08
177	NMMS	Deliver NMMS 5 to EDS, OS, MPIM, & iTEST	0 days	100%	Fri 12/19/08	Fri 12/19/08
182	**NMMS**	**NMMS 6 (EMA 1F3)**	**63 days**	**73%**	**Fri 1/9/09**	**Tue 4/7/09**
183	NMMS	Receive NMMS 6 (EMA 1F3)	4 days	100%	Fri 1/9/09	Wed 1/14/09
184	NMMS	Install & Test NMMS 6 (EMA 1F3)	20 days	100%	Thu 1/15/09	Wed 2/11/09
185	NMMS	Create & Submit MMCR	2 days	100%	Thu 2/12/09	Fri 2/13/09
186	NMMS	FAT NMMS 6 (EMA 1F3)	39 days	75%	Thu 2/12/09	Tue 4/7/09
187	NMMS	FAT NMMS Interface	39 days	50%	Thu 2/12/09	Tue 4/7/09
188	NMMS	Manage Defects	39 days	75%	Thu 2/12/09	Tue 4/7/09
189	NMMS	NMMS 6 (EMA 1F3) Installed & Tested	0 days	0%	Tue 4/7/09	Tue 4/7/09
190	NMMS	Deliver NMMS 6 to iTEST	0 days	0%	Tue 4/7/09	Tue 4/7/09
193	**NMMS**	**Test CIM Importers & Exporters**	**45 days**	**100%**	**Tue 9/2/08**	**Mon 11/3/08**
194	NMMS	Support Data Requireements	33 days	100%	Tue 9/2/08	Thu 10/16/08
198	NMMS	Receive EMS Importer FAT from EMS	0 days	100%	Mon 11/3/08	Mon 11/3/08
199	NMMS	EMS Testing Complete	0 days	100%	Mon 11/3/08	Mon 11/3/08
200	**NMMS**	**SEM Interfaces**	**13 days**	**100%**	**Mon 1/5/09**	**Wed 1/21/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
201	NMMS	NMMS-MIS	13 days	100%	Mon 1/5/09	Wed 1/21/09
202	NMMS	SEM Interfaces Complete	0 days	100%	Wed 1/21/09	Wed 1/21/09
203	**NMMS**	**Freeze Schema**	**85 days**	**100%**	**Tue 6/10/08**	**Mon 10/6/08**
204	**NMMS**	**NMMS: Validate & Prepare Schema**	**83 days**	**100%**	**Tue 6/10/08**	**Mon 10/6/08**
205	NMMS	Provide Schema V1.16	3 days	100%	Tue 6/10/08	Thu 6/12/08
206	NMMS	Provide Schema V1.17	3 days	100%	Tue 6/17/08	Thu 6/19/08
207	NMMS	Provide Schema V1.18	7 days	100%	Thu 6/26/08	Mon 7/7/08
208	NMMS	Provide Schema V1.19	11 days	100%	Thu 7/31/08	Thu 8/14/08
209	NMMS	Additional Schema Contingency (V1.20, V1.21)	40 days	100%	Mon 8/11/08	Mon 10/6/08
210	NMMS	Model Schema Frozen	0 days	100%	Mon 10/6/08	Mon 10/6/08
211	**NMMS**	**Data Validation Analysis**	**24 days**	**100%**	**Mon 6/30/08**	**Fri 8/1/08**
212	NMMS	Gather requirements from upstream & downstream systems (EMS, MMS, Planning, CRR, OS, S&B, & RARF)	16 days	100%	Mon 6/30/08	Tue 7/22/08
213	NMMS	Analyze data & identify candidates for "existing data" & NOMCR/SAMR Validation	4 days	100%	Wed 7/23/08	Mon 7/28/08
214	NMMS	Identify manual & bulk load data validation candidates	4 days	100%	Tue 7/29/08	Fri 8/1/08
215	NMMS	Data Validation Analysis Complete	0 days	100%	Fri 8/1/08	Fri 8/1/08
216	**NMMS**	**Validation Rules Generation**	**100 days**	**100%**	**Mon 8/4/08**	**Thu 1/8/09**
217	NMMS	Design validation rule generation capability	4 days	100%	Mon 8/4/08	Thu 8/7/08
218	**NMMS**	**Construct & Implement Validation Set 1 (Manual Associations, Classes & Attributes)**	**57 days**	**100%**	**Fri 8/8/08**	**Tue 10/28/08**
219	NMMS	Construct & Run Validation Set 1 in Dev Environment	10 days	100%	Fri 8/8/08	Thu 8/21/08
220	NMMS	Categorize Errors & Identify Changes to Data Dictionary	5 days	100%	Fri 8/22/08	Thu 8/28/08
221	NMMS	Move Validation Set 1 to Environment with Common Model	1 day	100%	Fri 9/5/08	Fri 9/5/08
222	NMMS	Resolve Internal Errors	5 days	100%	Tue 9/9/08	Mon 9/15/08
223	NMMS	Create SPRs & Work with Source System to Resolve	36 days	100%	Tue 9/9/08	Tue 10/28/08
224	NMMS	NMMS Validation Set 1 Implemented & Errors "Resolved"	0 days	100%	Tue 10/28/08	Tue 10/28/08
225	**NMMS**	**Construct & Implement Validation Set 2 (CRR, Planning, & RARF Rules)**	**65 days**	**100%**	**Tue 9/9/08**	**Thu 12/11/08**
226	NMMS	Construct Validation Set 2	12 days	100%	Tue 9/9/08	Wed 9/24/08
227	NMMS	Run Validation Set 2 in Dev Environment	5 days	100%	Wed 9/24/08	Wed 10/1/08
228	NMMS	Categorize Errors & Identify Changes to Data Dictionary	10 days	100%	Wed 10/1/08	Wed 10/15/08
229	NMMS	Move Validation Set 2 to Environment with Common Model	1 day	100%	Mon 10/13/08	Mon 10/13/08
230	NMMS	Resolve Internal Errors	4 days	100%	Tue 10/14/08	Fri 10/17/08
231	NMMS	Create SPRs & Work with Source System to Resolve	40 days	100%	Tue 10/14/08	Thu 12/11/08
232	NMMS	NMMS Validation Set 2 Implemented & Errors "Resolved"	0 days	100%	Thu 12/11/08	Thu 12/11/08
233	**NMMS**	**Construct & Implement Validation Set 3 (EMS & MMS)**	**63 days**	**100%**	**Thu 9/25/08**	**Thu 1/8/09**
234	NMMS	Construct Validation Set 3	12 days	100%	Thu 9/25/08	Fri 10/10/08
235	NMMS	Run Validation Set 3 in Dev Environment	3 days	100%	Mon 10/13/08	Wed 10/15/08
236	NMMS	Categorize Errors & Identify Changes to Data Dictionary	4 days	100%	Tue 10/21/08	Fri 10/24/08
237	NMMS	Move Validation Set 3 to Environment with Common Model	1 day	100%	Fri 10/24/08	Fri 10/24/08
238	NMMS	Resolve Internal Errors	1 day	100%	Mon 10/27/08	Mon 10/27/08
239	NMMS	Create SPRs & Work with Source System to Resolve	40 days	100%	Tue 10/28/08	Thu 1/8/09
240	NMMS	Deliver Validated Model (V1.21 schema & data set) to Downstream Systems	0 days	100%	Thu 1/8/09	Thu 1/8/09
243	**NMMS**	**Synchronize Data for Downstream Applications**	**38 days**	**100%**	**Wed 10/15/08**	**Wed 12/10/08**
244	NMMS	Create Save Cases & request Zonal SEED	3 days	100%	Wed 10/15/08	Fri 10/17/08
247	NMMS	Receive Zonal Seed Received from AREVA for DD1.21 from EMS	0 days	100%	Fri 10/31/08	Fri 10/31/08
248	NMMS	Identify Best Source of Production Grade Data (Authoritative List or Other)	11 days	100%	Mon 11/3/08	Mon 11/17/08
249	NMMS	Update NMMS Access Databases with Authoritative Data	5 days	100%	Tue 11/18/08	Mon 11/24/08
250	NMMS	Update CIM XML Version 1.21 Data Set	3 days	100%	Tue 11/25/08	Tue 12/2/08
251	NMMS	Ensure Changes to MMS & EMS Test Data are Included in Official Data Set	3 days	100%	Wed 12/3/08	Fri 12/5/08
252	NMMS	Update CIM XML Version 1.21 Data Set	3 days	100%	Mon 12/8/08	Wed 12/10/08
253	NMMS	Deliver Synchronized Model (V1.21 schema & data set) to Downstream Systems	0 days	100%	Wed 12/10/08	Wed 12/10/08
255	**NMMS**	**RARF Data Validation with MPs**	**62 days**	**100%**	**Tue 9/16/08**	**Mon 12/15/08**
256	**NMMS**	**RARF Iteration 1 (I1)**	**27 days**	**100%**	**Tue 9/16/08**	**Wed 10/22/08**



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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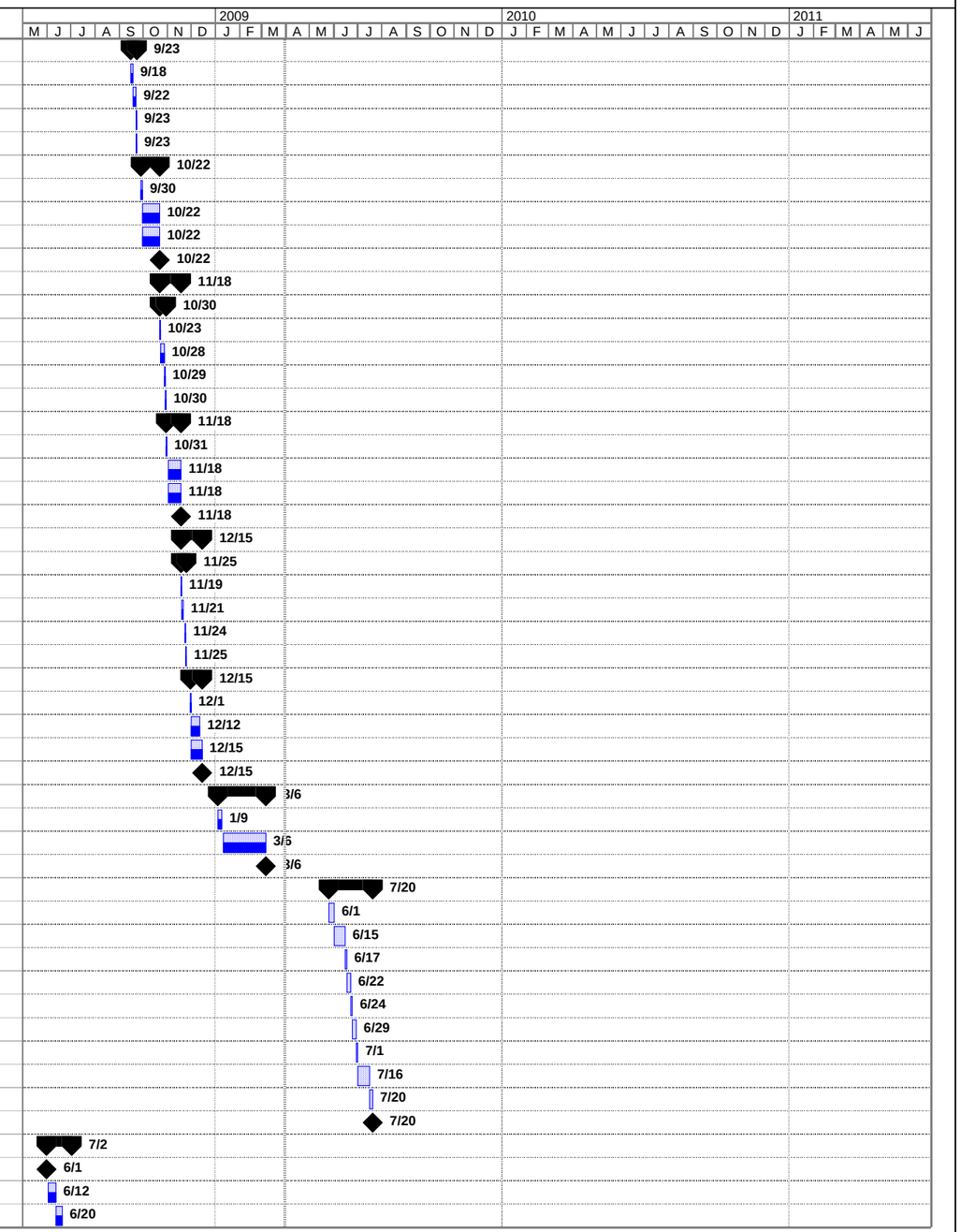
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
257	**NMMS**	**PREPARE NTDR (I1)**	**6 days**	**100%**	**Tue 9/16/08**	**Tue 9/23/08**
258	NMMS	LOAD NEW RARF's TO RARF HUB (I1)	3 days	100%	Tue 9/16/08	Thu 9/18/08
259	NMMS	RUN AUDIT (I1)	2 days	100%	Fri 9/19/08	Mon 9/22/08
260	NMMS	REMOVE CORRECTED DATA FROM TEST SCRIPT (I1)	1 day	100%	Tue 9/23/08	Tue 9/23/08
261	NMMS	RUN TEST DATA SCRIPT (I1)	1 day	100%	Tue 9/23/08	Tue 9/23/08
262	**NMMS**	**MP CORRECTS DATA (I1)**	**18 days**	**100%**	**Mon 9/29/08**	**Wed 10/22/08**
263	NMMS	AUDIT REPORT SENT (I1)	2 days	100%	Mon 9/29/08	Tue 9/30/08
264	NMMS	MP TELECONFERENCES (I1)	16 days	100%	Wed 10/1/08	Wed 10/22/08
265	NMMS	MP WORKS ISSUES (I1)	16 days	100%	Wed 10/1/08	Wed 10/22/08
266	NMMS	85% Production Quality Achieved (I1) for RARF Data	0 days	100%	Wed 10/22/08	Wed 10/22/08
268	**NMMS**	**RARF Iteration 2 (I2)**	**19 days**	**100%**	**Thu 10/23/08**	**Tue 11/18/08**
269	**NMMS**	**PREPARE NTDR (I2)**	**6 days**	**100%**	**Thu 10/23/08**	**Thu 10/30/08**
270	NMMS	LOAD NEW RARF's TO RARF HUB (I2)	1 day	100%	Thu 10/23/08	Thu 10/23/08
271	NMMS	RUN AUDIT (I2)	3 days	100%	Fri 10/24/08	Tue 10/28/08
272	NMMS	REMOVE CORRECTED DATA FROM TEST SCRIPT (I2)	1 day	100%	Wed 10/29/08	Wed 10/29/08
273	NMMS	RUN TEST DATA SCRIPT (I2)	1 day	100%	Thu 10/30/08	Thu 10/30/08
274	**NMMS**	**MP CORRECTS DATA (I2)**	**13 days**	**100%**	**Fri 10/31/08**	**Tue 11/18/08**
275	NMMS	AUDIT REPORT SENT (I2)	1 day	100%	Fri 10/31/08	Fri 10/31/08
276	NMMS	MP TELECONFERENCES (I2)	12 days	100%	Mon 11/3/08	Tue 11/18/08
277	NMMS	MP WORKS ISSUES (I2)	12 days	100%	Mon 11/3/08	Tue 11/18/08
278	NMMS	90% Production Quality Achieved (I2) for RARF Data	0 days	100%	Tue 11/18/08	Tue 11/18/08
280	**NMMS**	**RARF Iteration 3 (I3)**	**16 days**	**100%**	**Wed 11/19/08**	**Mon 12/15/08**
281	**NMMS**	**PREPARE NTDR (I3)**	**5 days**	**100%**	**Wed 11/19/08**	**Tue 11/25/08**
282	NMMS	LOAD NEW RARF's TO RARF HUB (I3)	1 day	100%	Wed 11/19/08	Wed 11/19/08
283	NMMS	RUN AUDIT ON NTDR (I3)	2 days	100%	Thu 11/20/08	Fri 11/21/08
284	NMMS	REMOVE CORRECTED DATA FROM TEST SCRIPT (I3)	1 day	100%	Mon 11/24/08	Mon 11/24/08
285	NMMS	RUN TEST DATA SCRIPT (I3)	1 day	100%	Tue 11/25/08	Tue 11/25/08
286	**NMMS**	**MP CORRECTS DATA (I3)**	**11 days**	**100%**	**Mon 12/1/08**	**Mon 12/15/08**
287	NMMS	AUDIT REPORT SENT (I3)	1 day	100%	Mon 12/1/08	Mon 12/1/08
288	NMMS	MP TELECONFERENCES (I3)	9 days	100%	Tue 12/2/08	Fri 12/12/08
289	NMMS	MP WORKS ISSUES (I3)	10 days	100%	Tue 12/2/08	Mon 12/15/08
290	NMMS	98% Production Quality Achieved (I3) for RARF Data	0 days	100%	Mon 12/15/08	Mon 12/15/08
292	**NMMS**	**Validate V1.21 Data Set with Final RARF data**	**45 days**	**100%**	**Mon 1/5/09**	**Fri 3/6/09**
293	NMMS	Load Final RARF Data Set & Run Validation Rules	5 days	100%	Mon 1/5/09	Fri 1/9/09
294	NMMS	Resolve Data Issues	40 days	100%	Mon 1/12/09	Fri 3/6/09
295	NMMS	Deliver Validated Model with Final RARF Data (V1.21 schema & data set) to Downstream Systems	0 days	100%	Fri 3/6/09	Fri 3/6/09
299	**NMMS**	**Process New Data Seed For SEM & Data Consistency**	**39 days**	**0%**	**Tue 5/26/09**	**Mon 7/20/09**
301	NMMS	Create Save Cases & requirements SEM Zonal Seed	5 days	0%	Tue 5/26/09	Mon 6/1/09
302	NMMS	Receive Zonal Seed for SEM from EMS	10 days	0%	Tue 6/2/09	Mon 6/15/09
304	NMMS	Update NMMS Access Databases with Authoritative Data	2 days	0%	Tue 6/16/09	Wed 6/17/09
305	NMMS	Update CIM XML Version1.21 Data Set	3 days	0%	Thu 6/18/09	Mon 6/22/09
306	NMMS	Perform Manual Validations	2 days	0%	Tue 6/23/09	Wed 6/24/09
307	NMMS	Perform Bulk Load Validations	3 days	0%	Thu 6/25/09	Mon 6/29/09
308	NMMS	"Re-Load" Data Set & Run Validation Rules	2 days	0%	Tue 6/30/09	Wed 7/1/09
309	NMMS	Resolve Data Issues	10 days	0%	Thu 7/2/09	Thu 7/16/09
310	NMMS	Update V1.21 Data Set	2 days	0%	Fri 7/17/09	Mon 7/20/09
311	NMMS	V1.21 Data Set Validated & Ready for Consumption for Data Consistency Check	0 days	0%	Mon 7/20/09	Mon 7/20/09
312	**NMMS**	**Perform CIM Data Inventory**	**26 days**	**100%**	**Sun 6/1/08**	**Wed 7/2/08**
313	NMMS	Create inventory (format, range, type, etc.)	0 days	100%	Sun 6/1/08	Sun 6/1/08
314	NMMS	Identify source of data (format, range, type, etc.)	8 days	100%	Tue 6/3/08	Thu 6/12/08
315	NMMS	Identify consumer of data	6 days	100%	Fri 6/13/08	Fri 6/20/08



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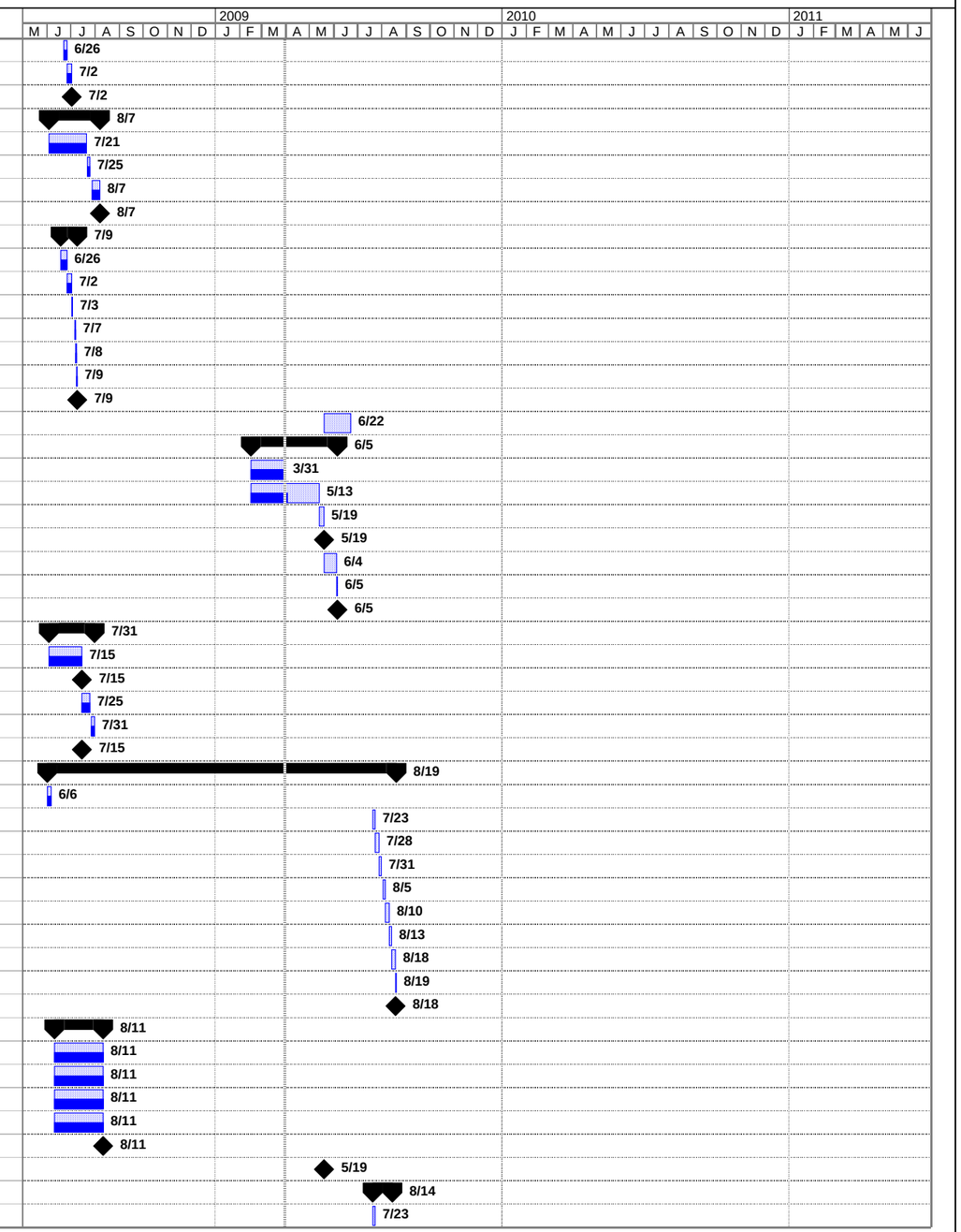
316	NMMS	Identify Classes, associations, & atributes	4 days	100%	Mon 6/23/08	Thu 6/26/08
317	NMMS	Identify data not in model & resolve	4 days	100%	Fri 6/27/08	Wed 7/2/08
318	NMMS	CIM Inventory Complete	0 days	100%	Wed 7/2/08	Wed 7/2/08
319	**NMMS**	**Design Canned Reports**	**46 days**	**100%**	**Wed 6/4/08**	**Thu 8/7/08**
320	NMMS	Define 10 canned reports	33 days	100%	Wed 6/4/08	Mon 7/21/08
321	NMMS	Review with Siemens	3 days	100%	Wed 7/23/08	Fri 7/25/08
322	NMMS	Revise & Submit to Siemens	8 days	100%	Tue 7/29/08	Thu 8/7/08
323	NMMS	Canned Reports Complete	0 days	100%	Thu 8/7/08	Thu 8/7/08
324	**NMMS**	**CIMTool Training for ERCOT & MP's**	**14 days**	**100%**	**Thu 6/19/08**	**Wed 7/9/08**
325	NMMS	Prepare Training Materials	6 days	100%	Thu 6/19/08	Thu 6/26/08
326	NMMS	Review Materials	4 days	100%	Fri 6/27/08	Wed 7/2/08
327	NMMS	Identify Trainer	1 day	100%	Thu 7/3/08	Thu 7/3/08
328	NMMS	Schedule Classes	1 day	100%	Mon 7/7/08	Mon 7/7/08
329	NMMS	Conduct internal training	1 day	100%	Tue 7/8/08	Tue 7/8/08
330	NMMS	Conduct External Training	1 day	100%	Wed 7/9/08	Wed 7/9/08
331	NMMS	Training Material Preparation Completed	0 days	100%	Wed 7/9/08	Wed 7/9/08
332	NMMS	Create Templates	23 days	0%	Wed 5/20/09	Mon 6/22/09
333	**NMMS**	**Prepare Modeling Guidelines Documentation**	**79 days**	**59%**	**Mon 2/16/09**	**Fri 6/5/09**
334	NMMS	Compile Draft of Validation Rules	32 days	95%	Mon 2/16/09	Tue 3/31/09
336	NMMS	Compile Draft of Modeling Guidelines	63 days	55%	Mon 2/16/09	Wed 5/13/09
337	NMMS	Review Draft Internally & Revise	4 days	0%	Thu 5/14/09	Tue 5/19/09
338	NMMS	Issue Modeling Guidelines Draft to Participants	0 days	0%	Tue 5/19/09	Tue 5/19/09
340	NMMS	Dispose Comments & Revise Document	11 days	0%	Wed 5/20/09	Thu 6/4/09
341	NMMS	Review Final Document with Participants	1 day	0%	Fri 6/5/09	Fri 6/5/09
342	NMMS	Modeling Guidelines Complete	0 days	0%	Fri 6/5/09	Fri 6/5/09
344	**NMMS**	**Approach Document for Single Entry Model**	**41 days**	**100%**	**Wed 6/4/08**	**Thu 7/31/08**
345	NMMS	Define tasks TSPs & ERCOT must complete for transition from zonal	29 days	100%	Wed 6/4/08	Tue 7/15/08
346	NMMS	Deliver Revised Approach Document to MPs	0 days	100%	Tue 7/15/08	Tue 7/15/08
348	NMMS	Collect Additional Comments	8 days	100%	Wed 7/16/08	Fri 7/25/08
349	NMMS	Revise Approach Document	4 days	100%	Mon 7/28/08	Thu 7/31/08
350	NMMS	Approach Document Complete	0 days	100%	Tue 7/15/08	Tue 7/15/08
351	**NMMS**	**Perform Data Consistency Check (Stage 1 Validation) for NMMS Go Live**	**305 days**	**19%**	**Mon 6/2/08**	**Wed 8/19/09**
352	NMMS	Plan/review approach	5 days	100%	Mon 6/2/08	Fri 6/6/08
353	NMMS	Establish Benchmark in Zonal EMS	3 days	0%	Tue 7/21/09	Thu 7/23/09
356	NMMS	Execute Zonal EMS Applications (STNET, RTNET, Others)	3 days	0%	Fri 7/24/09	Tue 7/28/09
357	NMMS	Import Zonal Benchmark Model through CIM to Nodal EMS	3 days	0%	Wed 7/29/09	Fri 7/31/09
358	NMMS	Execute Nodal EMS Applications	3 days	0%	Mon 8/3/09	Wed 8/5/09
359	NMMS	Perform database comparison	3 days	0%	Thu 8/6/09	Mon 8/10/09
360	NMMS	Perform application results comparison	3 days	0%	Tue 8/11/09	Thu 8/13/09
361	NMMS	Prepare Report	3 days	0%	Fri 8/14/09	Tue 8/18/09
362	NMMS	Obtain Approvals (Director System Operations & Director Market Operations)	1 day	0%	Wed 8/19/09	Wed 8/19/09
363	NMMS	Data Consistency Check for NMMS Go Live Completed	0 days	0%	Tue 8/18/09	Tue 8/18/09
365	**NMMS**	**Network Model Group Process Development**	**43 days**	**100%**	**Wed 6/11/08**	**Mon 8/11/08**
366	NMMS	Develop "Generate, Post, & Distribute Models & Files" Procedure	43 days	100%	Wed 6/11/08	Mon 8/11/08
367	NMMS	Develop "Conduct NOMCR Validation" Procedure	43 days	100%	Wed 6/11/08	Mon 8/11/08
368	NMMS	Develop "Respond to Model Changes & Interim Updates" Procedure	43 days	100%	Wed 6/11/08	Mon 8/11/08
369	NMMS	Develop "Maintain Network Model" Procedure	43 days	100%	Wed 6/11/08	Mon 8/11/08
370	NMMS	Network Model Group Business Processes Developed	0 days	100%	Mon 8/11/08	Mon 8/11/08
371	NMMS	Deliver Deployment of NMMS to Production for SEM to EDS	0 days	0%	Tue 5/19/09	Tue 5/19/09
373	**NMMS**	**MPIM Implementation**	**19 days**	**0%**	**Tue 7/21/09**	**Fri 8/14/09**
374	NMMS	Create Use Case	3 days	0%	Tue 7/21/09	Thu 7/23/09



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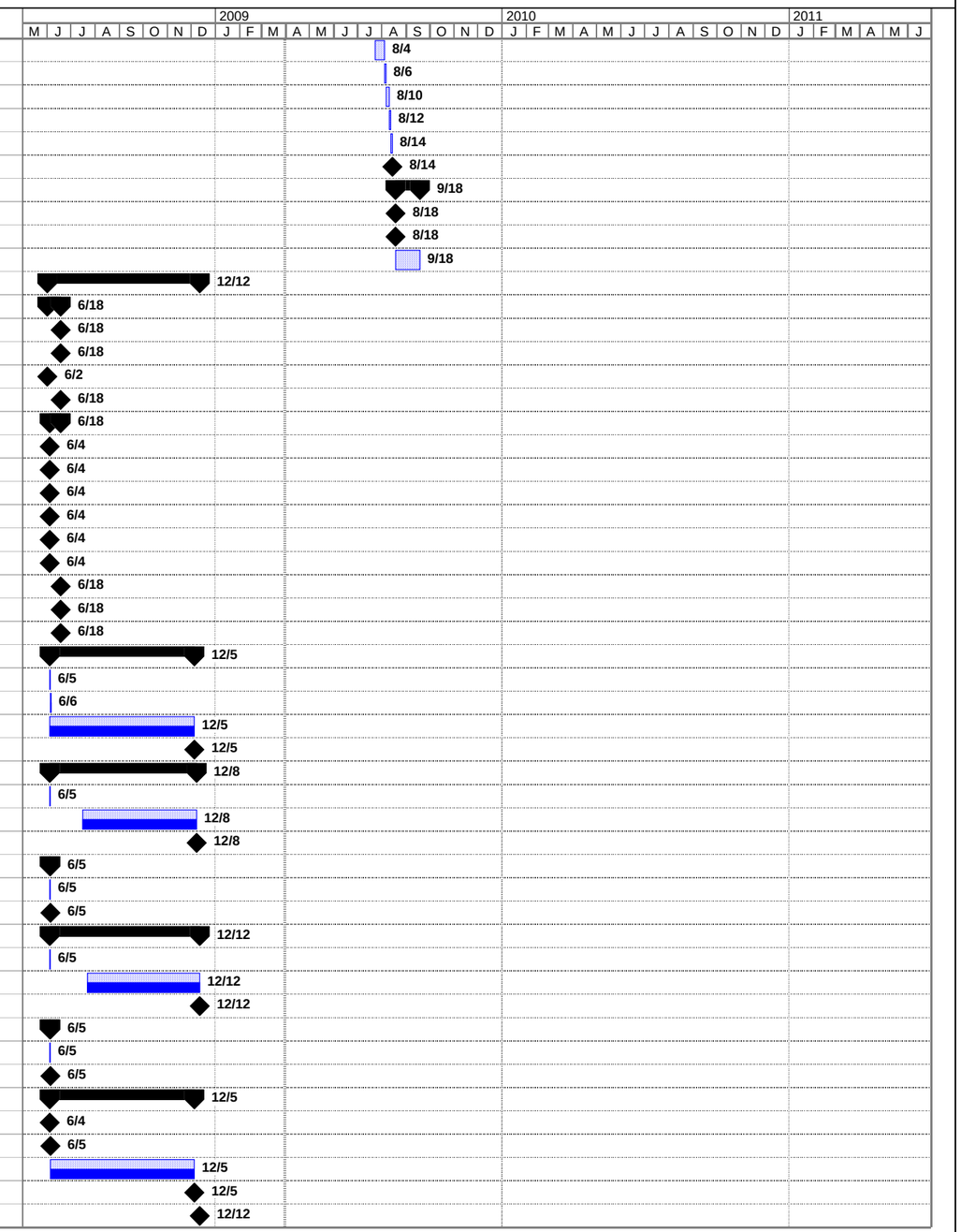
375	NMMS	Application configured for "production"	8 days	0%	Fri 7/24/09	Tue 8/4/09
376	NMMS	Site Monitor configured to allow access	2 days	0%	Wed 8/5/09	Thu 8/6/09
377	NMMS	Application pointed to production LDAP or Stage Table	2 days	0%	Fri 8/7/09	Mon 8/10/09
378	NMMS	List of users & roles bulk loaded into MPM	2 days	0%	Tue 8/11/09	Wed 8/12/09
379	NMMS	Test Environment with MPIM, Citrix, & NMMS	2 days	0%	Thu 8/13/09	Fri 8/14/09
380	NMMS	MPIM Integration Complete	0 days	0%	Fri 8/14/09	Fri 8/14/09
381	**NMMS**	**Meet Business Criteria Single Entry Model**	**23 days**	**0%**	**Tue 8/18/09**	**Fri 9/18/09**
382	NMMS	Deliver Entrance Criteria Met to EDS	0 days	0%	Tue 8/18/09	Tue 8/18/09
384	NMMS	Business Criteria Single Entry Model Met	0 days	0%	Tue 8/18/09	Tue 8/18/09
385	NMMS	Business Transition I	22 days	0%	Wed 8/19/09	Fri 9/18/09
386	**NMMS**	**SIG Implementations**	**135 days**	**100%**	**Mon 6/2/08**	**Fri 12/12/08**
387	**NMMS**	**SIG 002 Private Use Networks**	**13 days**	**100%**	**Mon 6/2/08**	**Wed 6/18/08**
388	NMMS	SIG 002: Confirm additional attributes & linkage is in the Network Model	0 days	100%	Wed 6/18/08	Wed 6/18/08
389	NMMS	SIG 002: Confirm loads are modeled as Non ERCOT non-conforming loads	0 days	100%	Wed 6/18/08	Wed 6/18/08
390	NMMS	SIG 002: Confirm Resource Nodes for PUN Resources are in model	0 days	100%	Mon 6/2/08	Mon 6/2/08
391	NMMS	SIG 002: Private Use Network Implementation Complete	0 days	100%	Wed 6/18/08	Wed 6/18/08
392	**NMMS**	**SIG 0003 Combined Cycle Plants**	**10 days**	**100%**	**Wed 6/4/08**	**Wed 6/18/08**
393	NMMS	SIG 0003: Model Physical Resources & their parameters	0 days	100%	Wed 6/4/08	Wed 6/4/08
394	NMMS	SIG 0003: Model Logical CCP Resources & their parameters	0 days	100%	Wed 6/4/08	Wed 6/4/08
395	NMMS	SIG 0003: Model mapping between Logical & Physical Resources	0 days	100%	Wed 6/4/08	Wed 6/4/08
396	NMMS	SIG 0003: Model CCP Transition Matrix	0 days	100%	Wed 6/4/08	Wed 6/4/08
397	NMMS	SIG 0003: Define Physical CCU Resource Nodes & map to Electrical Buses	0 days	100%	Wed 6/4/08	Wed 6/4/08
398	NMMS	SIG 0003: Define Logical CCU Resource Nodes & do not map to Electrical Buses	0 days	100%	Wed 6/4/08	Wed 6/4/08
399	NMMS	SIG 0003: Define Settlement Points at both Logical CCP Resource Nodes & Physical CCU Resource Nodes	0 days	100%	Wed 6/18/08	Wed 6/18/08
400	NMMS	SIG 0003: Define mapping of logical CcP Resources to EPS meters as net Metering Scheme	0 days	100%	Wed 6/18/08	Wed 6/18/08
401	NMMS	SIG 0003 Combined Cycle Plants Implementation Complete	0 days	100%	Wed 6/18/08	Wed 6/18/08
402	**NMMS**	**SIG 0005 Load Resource Topology Modeling**	**127 days**	**100%**	**Thu 6/5/08**	**Fri 12/5/08**
403	NMMS	Model Load Resources	1 day	100%	Thu 6/5/08	Thu 6/5/08
404	NMMS	Publish Schema	1 day	100%	Fri 6/6/08	Fri 6/6/08
405	NMMS	Input Load Resource data	127 days	100%	Thu 6/5/08	Fri 12/5/08
406	NMMS	SIG 0005 Load Resource Topology Modeling Complete	0 days	100%	Fri 12/5/08	Fri 12/5/08
407	**NMMS**	**SIG 0006 Flowgate Modeling**	**128 days**	**100%**	**Thu 6/5/08**	**Mon 12/8/08**
408	NMMS	Modeling complete	1 day	100%	Thu 6/5/08	Thu 6/5/08
409	NMMS	Input data	99 days	100%	Thu 7/17/08	Mon 12/8/08
410	NMMS	SIG 006 Flowgate Modeling Complete	0 days	100%	Mon 12/8/08	Mon 12/8/08
411	**NMMS**	**SIG 007 Block Load Transfer**	**1 day**	**100%**	**Thu 6/5/08**	**Thu 6/5/08**
412	NMMS	Add BLT class (and normal parameters for a resource) to network model schema	1 day	100%	Thu 6/5/08	Thu 6/5/08
413	NMMS	SIG 0007 Block Load Transfer Model Complete	0 days	100%	Thu 6/5/08	Thu 6/5/08
414	**NMMS**	**SIG 0008 Non Modeled Generation**	**132 days**	**100%**	**Thu 6/5/08**	**Fri 12/12/08**
415	NMMS	Modeling complete	1 day	100%	Thu 6/5/08	Thu 6/5/08
416	NMMS	Input Data	99 days	100%	Wed 7/23/08	Fri 12/12/08
417	NMMS	SIG 0008 Non-Modeled Generation Complete	0 days	100%	Fri 12/12/08	Fri 12/12/08
418	**NMMS**	**SIG 0009 Resource Node Location**	**1 day**	**100%**	**Thu 6/5/08**	**Thu 6/5/08**
419	NMMS	Locate & name all resources	1 day	100%	Thu 6/5/08	Thu 6/5/08
420	NMMS	SIG 0009 Resource Load Location Completed	0 days	100%	Thu 6/5/08	Thu 6/5/08
421	**NMMS**	**SIG 0011 Net Generation**	**127 days**	**100%**	**Wed 6/4/08**	**Fri 12/5/08**
422	NMMS	SIG 0011 Confirm additional attributes & linkage is in the Network Model	0 days	100%	Wed 6/4/08	Wed 6/4/08
423	NMMS	SIG 0011 Confirm loads are modeled as non-ERCOT non-conforming loads	0 days	100%	Thu 6/5/08	Thu 6/5/08
424	NMMS	Confirm Resource Nodes for PUN Resources are in the model	126 days	100%	Fri 6/6/08	Fri 12/5/08
425	NMMS	SIG 0011 Net Generation Modeling Complete	0 days	100%	Fri 12/5/08	Fri 12/5/08
426	NMMS	SIG Implementations Complete	0 days	100%	Fri 12/12/08	Fri 12/12/08



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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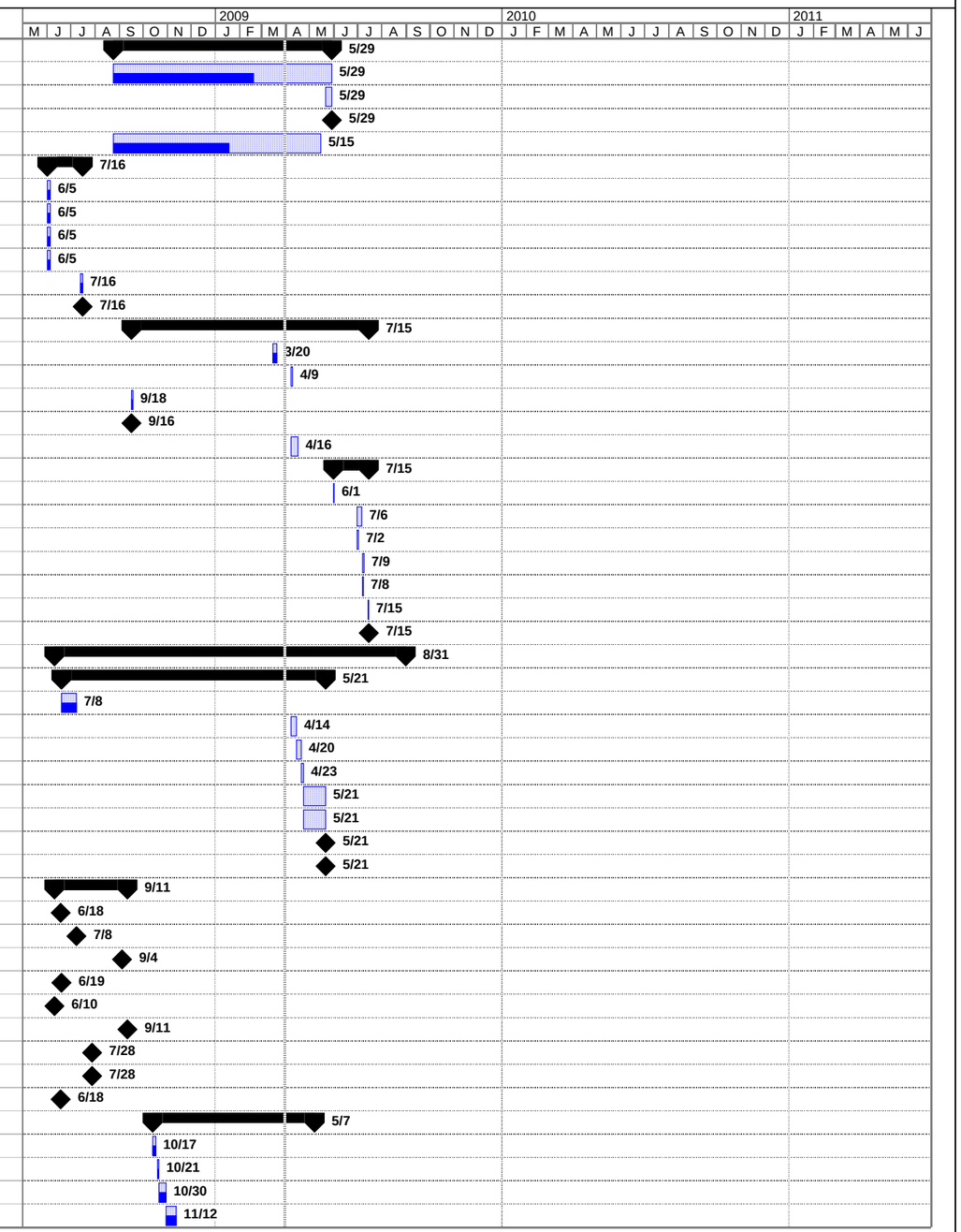
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
427	**NMMS**	**Develop NMMS Modeling**	**186 days**	**60%**	**Mon 8/25/08**	**Fri 5/29/09**
428	NMMS	Develop/Update Network Model Process	186 days	62%	Mon 8/25/08	Fri 5/29/09
429	NMMS	Develop the ICCP Management Process	5 days	0%	Fri 5/22/09	Fri 5/29/09
430	NMMS	NMMS Modeling Processes Complete	0 days	0%	Fri 5/29/09	Fri 5/29/09
431	NMMS	Develop NMMS Level 2 Procedures	177 days	52%	Mon 8/25/08	Fri 5/15/09
432	**NMMS**	**Develop NMMS Network Procedures**	**34 days**	**100%**	**Mon 6/2/08**	**Wed 7/16/08**
433	NMMS	Generate, post & distribute files, NOMCRs & attachments	4 days	100%	Mon 6/2/08	Thu 6/5/08
434	NMMS	Conduct NOMCR validation	4 days	100%	Mon 6/2/08	Thu 6/5/08
435	NMMS	Respond to Model changes & interim updates	4 days	100%	Mon 6/2/08	Thu 6/5/08
436	NMMS	Maintain the Network Model	4 days	100%	Mon 6/2/08	Thu 6/5/08
437	NMMS	Review & Sign-off Procedures	3 days	100%	Mon 7/14/08	Wed 7/16/08
438	NMMS	Network Modeling Procedures Complete (dept 422)	0 days	100%	Wed 7/16/08	Wed 7/16/08
439	**NMMS**	**Prepare Training Materials**	**203 days**	**26%**	**Tue 9/16/08**	**Wed 7/15/09**
440	NMMS	Review Siemens User Guides	5 days	100%	Mon 3/16/09	Fri 3/20/09
441	NMMS	Review Application Support Training	2 days	0%	Wed 4/8/09	Thu 4/9/09
442	NMMS	Prepare User/Product Training (2-day Session)	2 days	100%	Wed 9/17/08	Thu 9/18/08
443	NMMS	Prepare User/Product Lite (6-hour session)	0 days	100%	Tue 9/16/08	Tue 9/16/08
444	NMMS	Develop EMMS Productiion Procedure	7 days	0%	Wed 4/8/09	Thu 4/16/09
445	**NMMS**	**Deliver NMMS Training**	**33 days**	**0%**	**Mon 6/1/09**	**Wed 7/15/09**
446	NMMS	Schedule Training Sessions	1 day	0%	Mon 6/1/09	Mon 6/1/09
447	NMMS	Conduct Applications Support Training	4 days	0%	Wed 7/1/09	Mon 7/6/09
448	NMMS	Conduct User Product Training Session 1 (2-day session)	2 days	0%	Wed 7/1/09	Thu 7/2/09
449	NMMS	Conduct User Product Training Session 2 (2-day session)	2 days	0%	Wed 7/8/09	Thu 7/9/09
450	NMMS	Conduct User Product Training - Lite (6-hour course)	1 day	0%	Wed 7/8/09	Wed 7/8/09
451	NMMS	Conduct User Product Training - Lite (6-hour course)	1 day	0%	Wed 7/15/09	Wed 7/15/09
452	NMMS	NMMS Training Complete	0 days	0%	Wed 7/15/09	Wed 7/15/09
453	**NMMS**	**NODAL Go Live**	**302 days**	**41%**	**Tue 6/10/08**	**Mon 8/31/09**
454	**NMMS**	**NMMS 7**	**225 days**	**19%**	**Fri 6/20/08**	**Thu 5/21/09**
455	NMMS	Finalize functionality/design	12 days	100%	Fri 6/20/08	Tue 7/8/08
456	NMMS	Receive NMMS 7	5 days	0%	Wed 4/8/09	Tue 4/14/09
457	NMMS	Install & Test NMMS 7 (Dev & Test), including interfaces	4 days	0%	Wed 4/15/09	Mon 4/20/09
458	NMMS	Create & Submit MMCR	3 days	0%	Tue 4/21/09	Thu 4/23/09
459	NMMS	Perform FAT Test NMMS 7	20 days	0%	Fri 4/24/09	Thu 5/21/09
460	NMMS	Manage Defects	20 days	0%	Fri 4/24/09	Thu 5/21/09
461	NMMS	NMMS 7 Installed & Tested	0 days	0%	Thu 5/21/09	Thu 5/21/09
462	NMMS	Deliver NMMS 7 INT	0 days	0%	Thu 5/21/09	Thu 5/21/09
464	**NMMS**	**Nodal Go Live Interfaces**	**65 days**	**100%**	**Tue 6/10/08**	**Thu 9/11/08**
465	NMMS	Nodal Go Live Interfaces: NMMS-OS (via EIP)	0 days	100%	Wed 6/18/08	Wed 6/18/08
466	NMMS	Nodal Go Live Interfaces: OS-NMMS (to CRR) (via EIP)	0 days	100%	Tue 7/8/08	Tue 7/8/08
467	NMMS	Nodal Go Live Interfaces: REG-NMMS	0 days	100%	Thu 9/4/08	Thu 9/4/08
468	NMMS	Deliver Nodal Go Live Interfaces: NMMS-CRR to CRR	0 days	100%	Thu 6/19/08	Thu 6/19/08
470	NMMS	Nodal Go Live Interfaces: NMMS-S&B/CSI	0 days	100%	Tue 6/10/08	Tue 6/10/08
471	NMMS	Nodal Go Live Interfaces: NMMS-MMS	0 days	100%	Thu 9/11/08	Thu 9/11/08
472	NMMS	Deliver Nodal Go Live Interfaces: NMMS-EMS to EMS	0 days	100%	Mon 7/28/08	Mon 7/28/08
475	NMMS	Deliver Nodal Go Live Interfaces: NMMS - EMS OE (via EIP) to EMS	0 days	100%	Mon 7/28/08	Mon 7/28/08
477	NMMS	Nodal Interfaces complete	0 days	100%	Wed 6/18/08	Wed 6/18/08
478	**NMMS**	**Planning Model Audit**	**135 days**	**84%**	**Tue 10/14/08**	**Thu 5/7/09**
479	NMMS	Identify Missing Planning Data in IMM	4 days	100%	Tue 10/14/08	Fri 10/17/08
480	NMMS	Confirm with Network Modeling Group that IMM has Field	2 days	100%	Mon 10/20/08	Tue 10/21/08
481	NMMS	Submit Change Request for Missing Planning Data Fields	7 days	100%	Wed 10/22/08	Thu 10/30/08
482	NMMS	Create Missing Planning Data	9 days	100%	Fri 10/31/08	Wed 11/12/08



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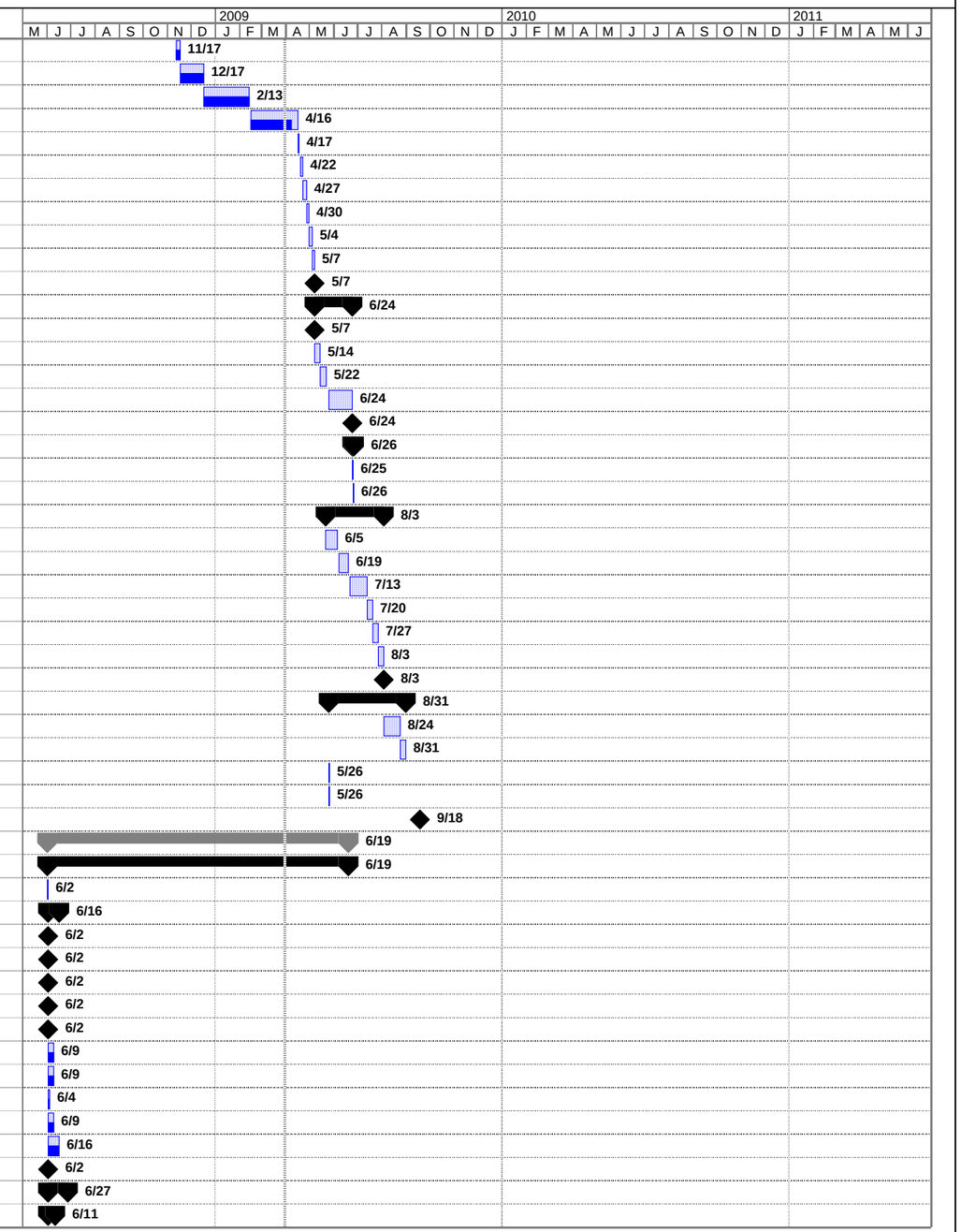
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
483	NMMS	Develop process to add any missing planning data	3 days	100%	Thu 11/13/08	Mon 11/17/08
484	NMMS	Identify missing data	19 days	100%	Tue 11/18/08	Wed 12/17/08
485	NMMS	Add missing data using established process	32 days	100%	Thu 12/18/08	Fri 2/13/09
486	NMMS	Run Topology Processor with dump of updated data	44 days	85%	Mon 2/16/09	Thu 4/16/09
487	NMMS	Verify new data	1 day	0%	Fri 4/17/09	Fri 4/17/09
488	NMMS	Develop process to use ownership data from TP to MOD	3 days	0%	Mon 4/20/09	Wed 4/22/09
489	NMMS	Verify data ownership is being passed & perform comparison	3 days	0%	Thu 4/23/09	Mon 4/27/09
490	NMMS	Create template for planning data updates	3 days	0%	Tue 4/28/09	Thu 4/30/09
491	NMMS	Test template	2 days	0%	Fri 5/1/09	Mon 5/4/09
492	NMMS	Resolve Issue & revise template	3 days	0%	Tue 5/5/09	Thu 5/7/09
493	NMMS	Planning Audit Complete	0 days	0%	Thu 5/7/09	Thu 5/7/09
494	**NMMS**	**Develop NMMS Planning Procedures**	**33 days**	**0%**	**Thu 5/7/09**	**Wed 6/24/09**
495	NMMS	Receive State 2 Validation Support from MMS	0 days	0%	Thu 5/7/09	Thu 5/7/09
496	NMMS	Validate Topology Processed Model From IMM	5 days	0%	Fri 5/8/09	Thu 5/14/09
497	NMMS	Validate & Approve PMCR from TSP & ERCOT	6 days	0%	Fri 5/15/09	Fri 5/22/09
498	NMMS	Business Transition II	22 days	0%	Tue 5/26/09	Wed 6/24/09
499	NMMS	Planning Procedures Complete (Dept 471)	0 days	0%	Wed 6/24/09	Wed 6/24/09
500	**NMMS**	**Integration Support**	**2 days**	**0%**	**Thu 6/25/09**	**Fri 6/26/09**
501	NMMS	iTest	1 day	0%	Thu 6/25/09	Thu 6/25/09
502	NMMS	EDS	1 day	0%	Fri 6/26/09	Fri 6/26/09
503	**NMMS**	**Quality Assurance Documents**	**50 days**	**0%**	**Fri 5/22/09**	**Mon 8/3/09**
504	NMMS	Use Cases	10 days	0%	Fri 5/22/09	Fri 6/5/09
505	NMMS	Data Migration	10 days	0%	Mon 6/8/09	Fri 6/19/09
506	NMMS	Standard Interfaces Documentation	15 days	0%	Mon 6/22/09	Mon 7/13/09
507	NMMS	Unit test & Log	5 days	0%	Tue 7/14/09	Mon 7/20/09
508	NMMS	Test Plan	5 days	0%	Tue 7/21/09	Mon 7/27/09
509	NMMS	System Monitoring Document	5 days	0%	Tue 7/28/09	Mon 8/3/09
510	NMMS	Quality Assurance Documents Complete	0 days	0%	Mon 8/3/09	Mon 8/3/09
511	**NMMS**	**Handoff/End of Project**	**69 days**	**0%**	**Tue 5/26/09**	**Mon 8/31/09**
512	NMMS	Resource Transfer or Roll-off (employees & contractors)	15 days	0%	Tue 8/4/09	Mon 8/24/09
513	NMMS	Disposition of Hardware	5 days	0%	Tue 8/25/09	Mon 8/31/09
514	NMMS	```	1 day	0%	Tue 5/26/09	Tue 5/26/09
515	NMMS	Close-out of budget	1 day	0%	Tue 5/26/09	Tue 5/26/09
516	NMMS	NMMS Project End	0 days	0%	Fri 9/18/09	Fri 9/18/09
5	**Nodal IPS**	**MPIM - Market Participant ID Management**	**259 days**	**86%**	**Mon 6/2/08**	**Fri 6/19/09**
1	**MPIM**	**MPIM Project Plan**	**259 days**	**86%**	**Mon 6/2/08**	**Fri 6/19/09**
2	MPIM	MPIP Replan Start	1 day	100%	Mon 6/2/08	Mon 6/2/08
3	**MPIM**	**MPIM**	**10 days**	**100%**	**Mon 6/2/08**	**Mon 6/16/08**
4	MPIM	Requirements Document Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
5	MPIM	Use Cases Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
6	MPIM	Conceptual Design Document Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
7	MPIM	Design Document Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
8	MPIM	Development Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
9	MPIM	Fix Defects	5 days	100%	Tue 6/3/08	Mon 6/9/08
10	MPIM	Production Support Tickets	5 days	100%	Tue 6/3/08	Mon 6/9/08
11	MPIM	Security Testing	2 days	100%	Tue 6/3/08	Wed 6/4/08
12	MPIM	Performance Testing	5 days	100%	Tue 6/3/08	Mon 6/9/08
13	MPIM	FAT Testing for MPIM	10 days	100%	Tue 6/3/08	Mon 6/16/08
14	MPIM	Final Deployment Plan has been determined	0 days	100%	Mon 6/2/08	Mon 6/2/08
15	**MPIM**	**CRR Integration**	**19 days**	**100%**	**Tue 6/3/08**	**Fri 6/27/08**
16	**MPIM**	**CRR Integration Planning**	**7 days**	**100%**	**Tue 6/3/08**	**Wed 6/11/08**



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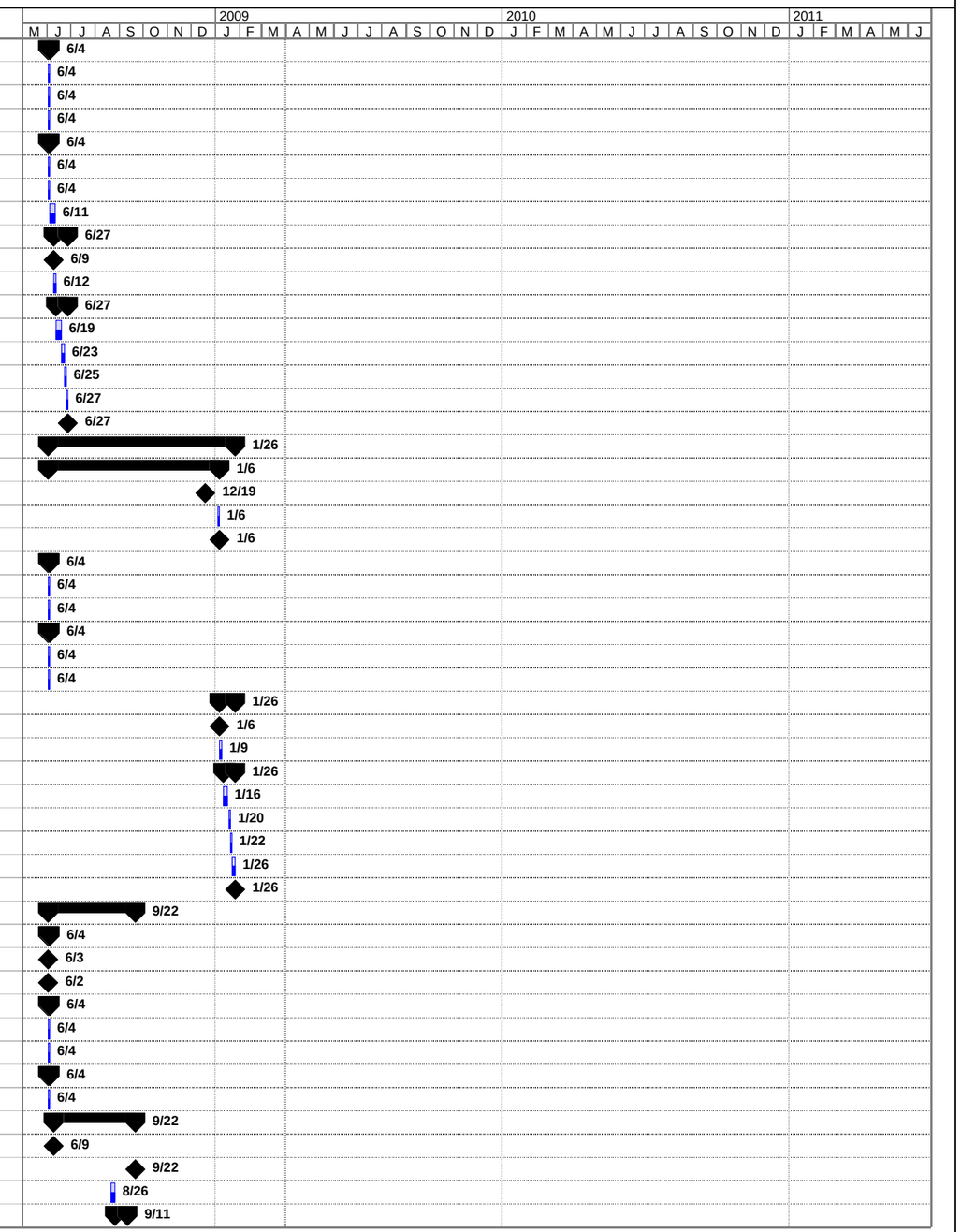
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
17	**MPIM**	**Verify Integration Points**	**2 days**	**100%**	**Tue 6/3/08**	**Wed 6/4/08**
18	MPIM	Meeting with application SME	2 days	100%	Tue 6/3/08	Wed 6/4/08
19	MPIM	CRR LDAP Branch	2 days	100%	Tue 6/3/08	Wed 6/4/08
20	MPIM	CRR Triggers	2 days	100%	Tue 6/3/08	Wed 6/4/08
21	**MPIM**	**Verify Roles**	**2 days**	**100%**	**Tue 6/3/08**	**Wed 6/4/08**
22	MPIM	CRR Roles	2 days	100%	Tue 6/3/08	Wed 6/4/08
23	MPIM	CRR MIS Role	2 days	100%	Tue 6/3/08	Wed 6/4/08
24	MPIM	Verify Environments for FAT & iTest	5 days	100%	Thu 6/5/08	Wed 6/11/08
25	**MPIM**	**Integrated FAT Testing (ERCOT)**	**14 days**	**100%**	**Mon 6/9/08**	**Fri 6/27/08**
26	MPIM	Independent FAT Testing already Complete	0 days	100%	Mon 6/9/08	Mon 6/9/08
27	MPIM	Code drop & Smoke Test	3 days	100%	Tue 6/10/08	Thu 6/12/08
28	**MPIM**	**Functional Testing**	**11 days**	**100%**	**Fri 6/13/08**	**Fri 6/27/08**
29	MPIM	FAT Testing for INT	5 days	100%	Fri 6/13/08	Thu 6/19/08
30	MPIM	Defect Resolution	2 days	100%	Fri 6/20/08	Mon 6/23/08
31	MPIM	Defect Build Deployment	2 days	100%	Tue 6/24/08	Wed 6/25/08
32	MPIM	Defect Retest	2 days	100%	Thu 6/26/08	Fri 6/27/08
33	MPIM	CRR FAT Testing Complete	0 days	100%	Fri 6/27/08	Fri 6/27/08
34	**MPIM**	**NMMS_IMM Integration**	**155 days**	**100%**	**Tue 6/3/08**	**Mon 1/26/09**
35	**MPIM**	**NMMS_IMM Integration Planning**	**141 days**	**100%**	**Tue 6/3/08**	**Tue 1/6/09**
37	MPIM	Receive NMMS_IMM Dependencies Identified for Go Live from NMMS	0 days	100%	Fri 12/19/08	Fri 12/19/08
38	MPIM	NMMS_IMM Dependencies Identified for Go Live	2 days	100%	Mon 1/5/09	Tue 1/6/09
39	MPIM	Deployment Plan into Production has been determined	0 days	100%	Tue 1/6/09	Tue 1/6/09
40	**MPIM**	**Verify Integration Points**	**2 days**	**100%**	**Tue 6/3/08**	**Wed 6/4/08**
41	MPIM	Meeting with application SME	2 days	100%	Tue 6/3/08	Wed 6/4/08
42	MPIM	NMMS_IMM Active Directory	2 days	100%	Tue 6/3/08	Wed 6/4/08
43	**MPIM**	**Verify Roles**	**2 days**	**100%**	**Tue 6/3/08**	**Wed 6/4/08**
44	MPIM	NMMS_IMM Roles	2 days	100%	Tue 6/3/08	Wed 6/4/08
45	MPIM	NMMS_IMM MIS Role	2 days	100%	Tue 6/3/08	Wed 6/4/08
46	**MPIM**	**Integrated FAT Testing (ERCOT)**	**14 days**	**100%**	**Tue 1/6/09**	**Mon 1/26/09**
47	MPIM	Independent FAT Testing already Complete	0 days	100%	Tue 1/6/09	Tue 1/6/09
48	MPIM	Code drop & Smoke Test	3 days	100%	Wed 1/7/09	Fri 1/9/09
49	**MPIM**	**Functional Testing**	**11 days**	**100%**	**Mon 1/12/09**	**Mon 1/26/09**
50	MPIM	FAT Testing for NMMS IMM Integration	5 days	100%	Mon 1/12/09	Fri 1/16/09
51	MPIM	Defect Resolution	2 days	100%	Mon 1/19/09	Tue 1/20/09
52	MPIM	Defect Build Deployment	2 days	100%	Wed 1/21/09	Thu 1/22/09
53	MPIM	Defect Retest	2 days	100%	Fri 1/23/09	Mon 1/26/09
54	MPIM	NMMS_IMM Integration FAT Testing Complete	0 days	100%	Mon 1/26/09	Mon 1/26/09
55	**MPIM**	**MIS Integration**	**77 days**	**100%**	**Mon 6/2/08**	**Mon 9/22/08**
56	**MPIM**	**MIS Integration Planning**	**2 days**	**100%**	**Mon 6/2/08**	**Wed 6/4/08**
57	MPIM	Deliver Identified Dependencies for Go Live to MIS	0 days	100%	Tue 6/3/08	Tue 6/3/08
59	MPIM	Deployment Plan into Production has been determined	0 days	100%	Mon 6/2/08	Mon 6/2/08
60	**MPIM**	**Verify Integration Points**	**2 days**	**100%**	**Tue 6/3/08**	**Wed 6/4/08**
61	MPIM	Meeting with application SME	2 days	100%	Tue 6/3/08	Wed 6/4/08
62	MPIM	MIS LDAP Branch	2 days	100%	Tue 6/3/08	Wed 6/4/08
63	**MPIM**	**Verify Roles**	**2 days**	**100%**	**Tue 6/3/08**	**Wed 6/4/08**
64	MPIM	MIS Roles	2 days	100%	Tue 6/3/08	Wed 6/4/08
65	**MPIM**	**Integrated FAT Testing (ERCOT)**	**72 days**	**100%**	**Mon 6/9/08**	**Mon 9/22/08**
66	MPIM	Independent FAT Testing already Complete	0 days	100%	Mon 6/9/08	Mon 6/9/08
68	MPIM	Receive PPM Deployment Package from MIS	0 days	100%	Mon 9/22/08	Mon 9/22/08
69	MPIM	Code drop & Smoke Test	3 days	100%	Fri 8/22/08	Tue 8/26/08
70	**MPIM**	**Functional Testing**	**11 days**	**100%**	**Wed 8/27/08**	**Thu 9/11/08**



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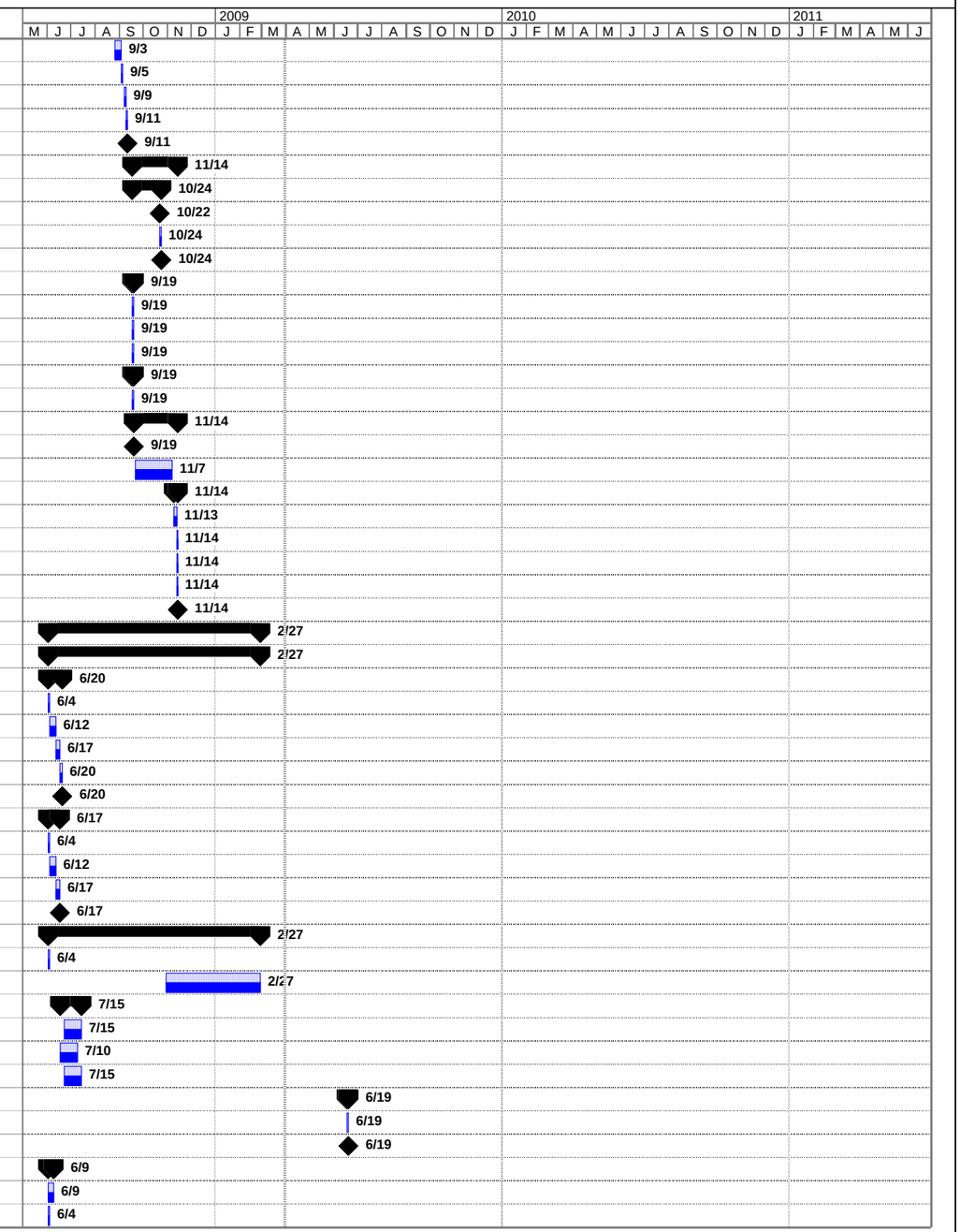
71	MPIM	FAT Testing for MIS	5 days	100%	Wed 8/27/08	Wed 9/3/08
72	MPIM	Defect Resolution	2 days	100%	Thu 9/4/08	Fri 9/5/08
73	MPIM	Defect Build Deployment	2 days	100%	Mon 9/8/08	Tue 9/9/08
74	MPIM	Defect Retest	2 days	100%	Wed 9/10/08	Thu 9/11/08
75	MPIM	MIS FAT Testing Complete	0 days	100%	Thu 9/11/08	Thu 9/11/08
76	**MPIM**	**MMS Integration**	**42 days**	**100%**	**Thu 9/18/08**	**Fri 11/14/08**
77	**MPIM**	**MMS Integration Planning**	**27 days**	**100%**	**Thu 9/18/08**	**Fri 10/24/08**
79	MPIM	Receive Configured Application for "Production" from MMS	0 days	100%	Wed 10/22/08	Wed 10/22/08
80	MPIM	MMS Dependencies Identified for Go Live	2 days	100%	Thu 10/23/08	Fri 10/24/08
81	MPIM	Deployment Plan into Production has been determined	0 days	100%	Fri 10/24/08	Fri 10/24/08
82	**MPIM**	**Verify Integration Points**	**2 days**	**100%**	**Thu 9/18/08**	**Fri 9/19/08**
83	MPIM	Meeting with application SME	2 days	100%	Thu 9/18/08	Fri 9/19/08
84	MPIM	MMS LDAP Branch	2 days	100%	Thu 9/18/08	Fri 9/19/08
85	MPIM	MMS Staging Table Triggers	2 days	100%	Thu 9/18/08	Fri 9/19/08
86	**MPIM**	**Verify Roles**	**2 days**	**100%**	**Thu 9/18/08**	**Fri 9/19/08**
87	MPIM	MMS Roles	2 days	100%	Thu 9/18/08	Fri 9/19/08
88	**MPIM**	**Integrated FAT Testing (ERCOT)**	**40 days**	**100%**	**Fri 9/19/08**	**Fri 11/14/08**
89	MPIM	Independent FAT Testing Complete	0 days	100%	Fri 9/19/08	Fri 9/19/08
90	MPIM	Code drop & Smoke Test	35 days	100%	Mon 9/22/08	Fri 11/7/08
91	**MPIM**	**Functional Testing**	**5 days**	**100%**	**Mon 11/10/08**	**Fri 11/14/08**
92	MPIM	FAT Testing for MMS	4 days	100%	Mon 11/10/08	Thu 11/13/08
93	MPIM	Defect Resolution	1 day	100%	Fri 11/14/08	Fri 11/14/08
94	MPIM	Defect Build Deployment	1 day	100%	Fri 11/14/08	Fri 11/14/08
95	MPIM	Defect Retest	1 day	100%	Fri 11/14/08	Fri 11/14/08
96	MPIM	MMS FAT Testing Complete	0 days	100%	Fri 11/14/08	Fri 11/14/08
97	**MPIM**	**Training**	**179 days**	**100%**	**Tue 6/3/08**	**Fri 2/27/09**
98	**MPIM**	**Documentation**	**179 days**	**100%**	**Tue 6/3/08**	**Fri 2/27/09**
99	**MPIM**	**User Guide**	**14 days**	**100%**	**Tue 6/3/08**	**Fri 6/20/08**
100	MPIM	Edit Identified	2 days	100%	Tue 6/3/08	Wed 6/4/08
101	MPIM	Edits made	6 days	100%	Thu 6/5/08	Thu 6/12/08
102	MPIM	Project Approves	3 days	100%	Fri 6/13/08	Tue 6/17/08
103	MPIM	Legal Approves	3 days	100%	Wed 6/18/08	Fri 6/20/08
104	MPIM	Training Guide Complete	0 days	100%	Fri 6/20/08	Fri 6/20/08
105	**MPIM**	**Troubleshooting Guide**	**11 days**	**100%**	**Tue 6/3/08**	**Tue 6/17/08**
106	MPIM	Edits Identified	2 days	100%	Tue 6/3/08	Wed 6/4/08
107	MPIM	Edits made	6 days	100%	Thu 6/5/08	Thu 6/12/08
108	MPIM	Project Approves	3 days	100%	Fri 6/13/08	Tue 6/17/08
109	MPIM	Troubleshooting Guide Complete	0 days	100%	Tue 6/17/08	Tue 6/17/08
110	**MPIM**	**Role Information Spreadsheet**	**179 days**	**100%**	**Tue 6/3/08**	**Fri 2/27/09**
111	MPIM	Determine which roles will be displayed to the user	2 days	100%	Tue 6/3/08	Wed 6/4/08
112	MPIM	What is the process to update the document	73 days	100%	Fri 10/31/08	Fri 2/27/09
113	**MPIM**	**Training**	**18 days**	**100%**	**Wed 6/18/08**	**Tue 7/15/08**
114	MPIM	Client + Retail + WholeSale Services	15 days	100%	Mon 6/23/08	Tue 7/15/08
115	MPIM	Helpdesk	15 days	100%	Wed 6/18/08	Thu 7/10/08
116	MPIM	MP USA	15 days	100%	Mon 6/23/08	Tue 7/15/08
117	**MPIM**	**Deployment**	**2 days**	**0%**	**Thu 6/18/09**	**Fri 6/19/09**
118	MPIM	Deploy Nodal Rolls to Production	2 days	0%	Thu 6/18/09	Fri 6/19/09
119	MPIM	Deliver Nodal Rolls To EDS	0 days	0%	Fri 6/19/09	Fri 6/19/09
121	**MPIM**	**Transition to home team**	**5 days**	**100%**	**Tue 6/3/08**	**Mon 6/9/08**
122	MPIM	Code Review	5 days	100%	Tue 6/3/08	Mon 6/9/08
123	MPIM	Handover Documentation	2 days	100%	Tue 6/3/08	Wed 6/4/08

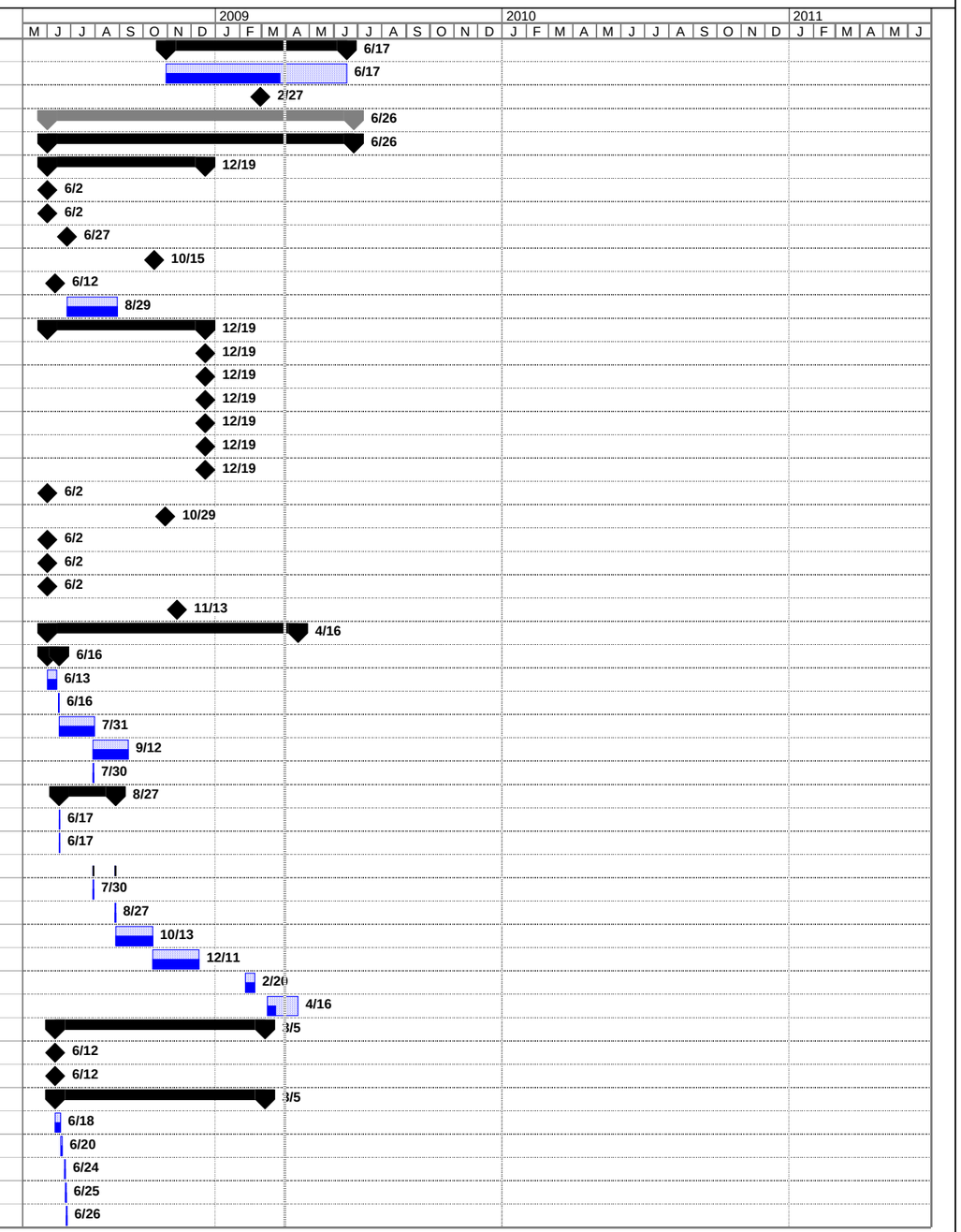


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
124	**MPIM**	**Integration Testing Support**	**150 days**	**60%**	**Fri 10/31/08**	**Wed 6/17/09**
126	MPIM	Support iTest defects	150 days	60%	Fri 10/31/08	Wed 6/17/09
127	MPIM	MPIM Project End	0 days	100%	Fri 2/27/09	Fri 2/27/09
6	**Nodal IPS**	**OS - Outage Scheduling**	**264 days**	**78%**	**Mon 6/2/08**	**Fri 6/26/09**
1	**OS**	**Nodal Outage Scheduler & User Interface**	**264 days**	**78%**	**Mon 6/2/08**	**Fri 6/26/09**
2	**OS**	**Dependencies**	**140 days**	**100%**	**Mon 6/2/08**	**Fri 12/19/08**
3	OS	OS Project Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
4	OS	EIP Specification v1.14 available	0 days	100%	Mon 6/2/08	Mon 6/2/08
5	OS	EIP Specification v1.15 available	0 days	100%	Fri 6/27/08	Fri 6/27/08
6	OS	Receive EIP Specification v1.17 Available from EIP	0 days	100%	Wed 10/15/08	Wed 10/15/08
7	OS	OS Version 2.0.13.0 available	0 days	100%	Thu 6/12/08	Thu 6/12/08
8	OS	Limited Maintenance Agreement Approved	45 days	100%	Fri 6/27/08	Fri 8/29/08
9	**OS**	**Interfaces**	**140 days**	**100%**	**Mon 6/2/08**	**Fri 12/19/08**
10	**OS**	**NMMS => OS (via EIP)**	**0 days**	**100%**	**Fri 12/19/08**	**Fri 12/19/08**
12	OS	Receive NMMS 5	0 days	100%	Fri 12/19/08	Fri 12/19/08
13	OS	NMMS Equipment List Received	0 days	100%	Fri 12/19/08	Fri 12/19/08
14	OS	NMMS Equipment Operatorship Received	0 days	100%	Fri 12/19/08	Fri 12/19/08
15	OS	NMMS Equipment Service Received	0 days	100%	Fri 12/19/08	Fri 12/19/08
16	OS	NMMS Related Equipment Received	0 days	100%	Fri 12/19/08	Fri 12/19/08
17	OS	Deliver EMS <=> OS to EMS	0 days	100%	Mon 6/2/08	Mon 6/2/08
20	OS	Receive Registration => MMS => OS from MMS	0 days	100%	Wed 10/29/08	Wed 10/29/08
21	OS	Deliver OS => MMS to MMS	0 days	100%	Mon 6/2/08	Mon 6/2/08
23	OS	OS => NMMS => CRR (via EIP)	0 days	100%	Mon 6/2/08	Mon 6/2/08
24	OS	Deliver OS => CDR => MIS to CDR	0 days	100%	Mon 6/2/08	Mon 6/2/08
26	OS	Deliver OS => EDW => RSS to EDW	0 days	100%	Thu 11/13/08	Thu 11/13/08
28	**OS**	**Data Conversion**	**214 days**	**89%**	**Mon 6/2/08**	**Thu 4/16/09**
29	**OS**	**Test Environment Setup**	**11 days**	**100%**	**Mon 6/2/08**	**Mon 6/16/08**
30	OS	N2N Access to Zonal & Nodal db's	10 days	100%	Mon 6/2/08	Fri 6/13/08
31	OS	Informatica installed	1 day	100%	Mon 6/16/08	Mon 6/16/08
32	OS	Data Mapping	32 days	100%	Tue 6/17/08	Thu 7/31/08
33	OS	Conversion Rules Established	32 days	100%	Wed 7/30/08	Fri 9/12/08
34	OS	Translation table for station, sub-station & equipment name changes	1 day	100%	Wed 7/30/08	Wed 7/30/08
35	**OS**	**Data Dumps to development environment**	**51 days**	**100%**	**Tue 6/17/08**	**Wed 8/27/08**
36	OS	Zonal Outage Scheduler	1 day	100%	Tue 6/17/08	Tue 6/17/08
37	OS	Nodal Outage Scheduler	1 day	100%	Tue 6/17/08	Tue 6/17/08
38	**OS**	**DB Refesh**	**21 days**	**100%**	**Wed 7/30/08**	**Wed 8/27/08**
39	OS	DB Refesh 1	1 day	100%	Wed 7/30/08	Wed 7/30/08
40	OS	DB Refesh 2	1 day	100%	Wed 8/27/08	Wed 8/27/08
41	OS	OS Test & Validate	32 days	100%	Thu 8/28/08	Mon 10/13/08
42	OS	Zonal Load Iteration 1 & Fixes	40 days	100%	Tue 10/14/08	Thu 12/11/08
43	OS	Zonal Load Iteration 2 & Fixes	10 days	100%	Mon 2/9/09	Fri 2/20/09
44	OS	Zonal Load Iteration 3 & Fixes	29 days	30%	Mon 3/9/09	Thu 4/16/09
45	**OS**	**Outage Scheduler 2.0.13.0 (ABB Core Product)**	**176 days**	**100%**	**Thu 6/12/08**	**Thu 3/5/09**
46	**OS**	**ABB**	**0 days**	**100%**	**Thu 6/12/08**	**Thu 6/12/08**
47	OS	OS 2.0.13.0 Patch Delivered by ABB	0 days	100%	Thu 6/12/08	Thu 6/12/08
48	**OS**	**ERCOT**	**176 days**	**100%**	**Thu 6/12/08**	**Thu 3/5/09**
49	OS	OS 2.0.13.0:Installation into Development	5 days	100%	Thu 6/12/08	Wed 6/18/08
50	OS	OS 2.0.13.0:Smoke test on development	2 days	100%	Thu 6/19/08	Fri 6/20/08
51	OS	OS 2.0.13.0:MMCR Prepared	1 day	100%	Tue 6/24/08	Tue 6/24/08
52	OS	OS 2.0.13.0: Patch released to FAT	1 day	100%	Wed 6/25/08	Wed 6/25/08
53	OS	OS 2.0.13.0: Patch Installed in FAT Environment	1 day	100%	Thu 6/26/08	Thu 6/26/08

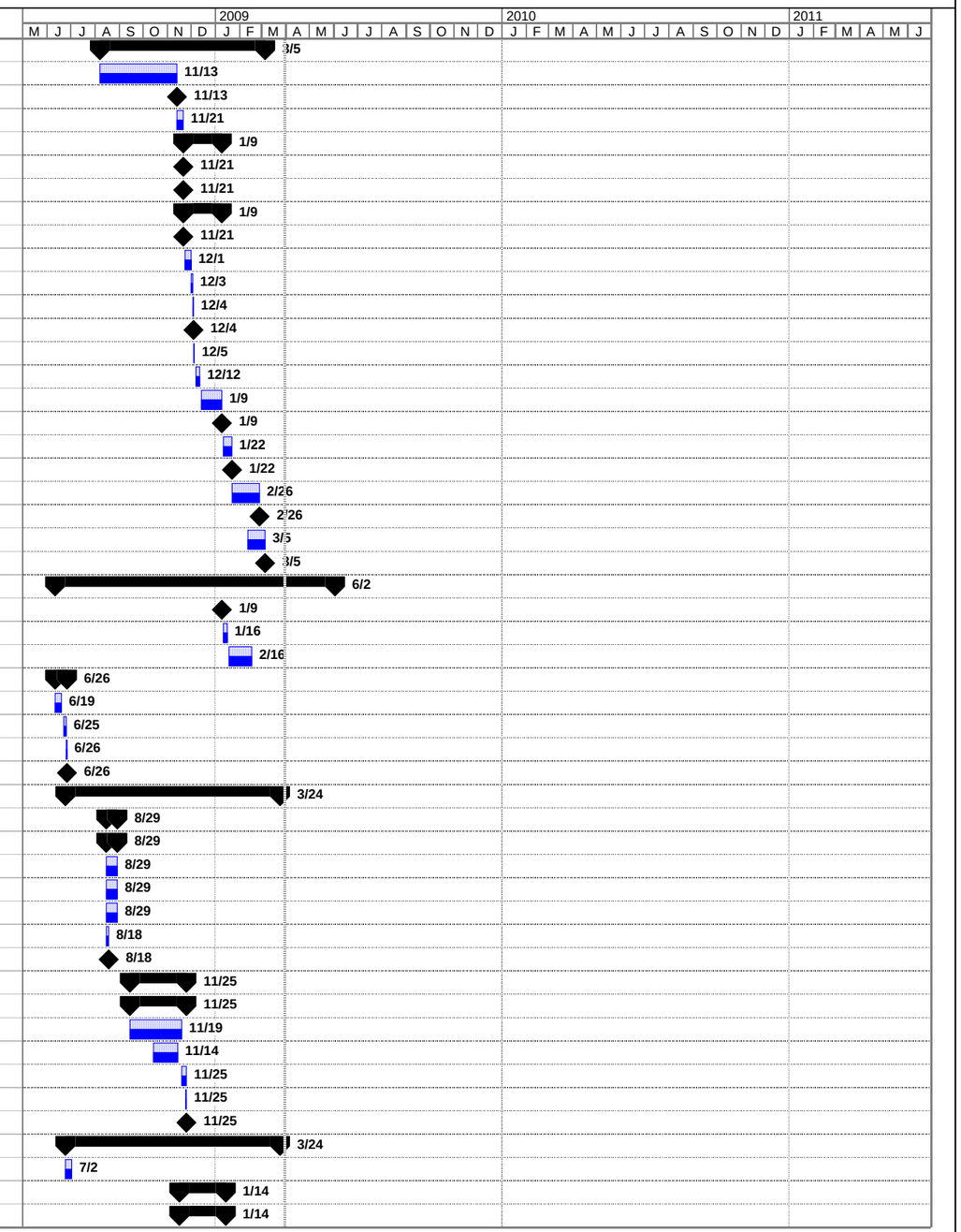


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
54	**OS**	**Test**	**136 days**	**100%**	**Fri 8/8/08**	**Thu 3/5/09**
55	OS	OS 2.0.13.0: Pre FAT/Regression Testing	69 days	100%	Fri 8/8/08	Thu 11/13/08
56	OS	Deliver OS 2.0.13.0: FAT/Regression Test Complete to iTEST	0 days	100%	Thu 11/13/08	Thu 11/13/08
58	OS	Additional FAT/Regression Testing	6 days	100%	Fri 11/14/08	Fri 11/21/08
59	**OS**	**FAT/Regression Correction**	**22 days**	**100%**	**Fri 11/21/08**	**Fri 1/9/09**
60	**OS**	**ABB**	**0 days**	**100%**	**Fri 11/21/08**	**Fri 11/21/08**
61	OS	OS 2.1.0.0 Patch Delivered to ERCOT	0 days	100%	Fri 11/21/08	Fri 11/21/08
62	**OS**	**ERCOT**	**22 days**	**100%**	**Fri 11/21/08**	**Fri 1/9/09**
63	OS	2.1.0.0: Patch received from ABB	0 days	100%	Fri 11/21/08	Fri 11/21/08
64	OS	2.1.0.0: Installed into DEV Environment	3 days	100%	Mon 11/24/08	Mon 12/1/08
65	OS	2.1.0.0: Smoke Tested on DEV	2 days	100%	Tue 12/2/08	Wed 12/3/08
66	OS	2.1.0.0: MMCR Prepared	1 day	100%	Thu 12/4/08	Thu 12/4/08
67	OS	2.1.0.0: Patch Released to FAT	0 days	100%	Thu 12/4/08	Thu 12/4/08
68	OS	2.1.0.0: Patch Installed into FAT Environment	1 day	100%	Fri 12/5/08	Fri 12/5/08
69	OS	2.1.0.0: SPR Tested & Validated	5 days	100%	Mon 12/8/08	Fri 12/12/08
70	OS	2.1.0.0: Regression test	10 days	100%	Mon 12/15/08	Fri 1/9/09
71	OS	Deliver 2.1.0.0: Defect Patch to iTEST	0 days	100%	Fri 1/9/09	Fri 1/9/09
72	OS	OS 2.1.1.0 Defect Patch	9 days	100%	Mon 1/12/09	Thu 1/22/09
73	OS	Deliver 2.1.1.0: Defect Patch to iTEST	0 days	100%	Thu 1/22/09	Thu 1/22/09
75	OS	OS 2.1.2.0 Defect Patch	25 days	100%	Fri 1/23/09	Thu 2/26/09
76	OS	Deliver OS 2.1.2.0 Defect Patch to iTEST	0 days	100%	Thu 2/26/09	Thu 2/26/09
77	OS	OS 2.1.2.1 Defect Patch	16 days	100%	Thu 2/12/09	Thu 3/5/09
78	OS	Deliver OS 2.1.2.1 Defect Patch to iTEST	0 days	100%	Thu 3/5/09	Thu 3/5/09
81	**OS**	**OS User Interface**	**238 days**	**72%**	**Thu 6/12/08**	**Tue 6/2/09**
82	OS	OS Base UI to iTEST	0 days	100%	Fri 1/9/09	Fri 1/9/09
84	OS	Policy Manager Configuration & LDAP Syncing	5 days	100%	Mon 1/12/09	Fri 1/16/09
85	OS	OS Base UI Testing	21 days	100%	Mon 1/19/09	Mon 2/16/09
86	**OS**	**Refactoring for ABB OS 2.0.11.0 Release (v1.5.0.9)**	**11 days**	**100%**	**Thu 6/12/08**	**Thu 6/26/08**
87	OS	Backend Refactoring of 2.0.11.0 Build (code)	6 days	100%	Thu 6/12/08	Thu 6/19/08
88	OS	2.0.11.0:Testing	3 days	100%	Mon 6/23/08	Wed 6/25/08
89	OS	MMCR Prepared (v1.5.0.9)	1 day	100%	Thu 6/26/08	Thu 6/26/08
90	OS	Release (v1.5.0.9) to FAT/iTest	0 days	100%	Thu 6/26/08	Thu 6/26/08
91	**OS**	**Group/Opportunity Outage/OS Feature Pack 1 (v1.x.x.x)**	**180 days**	**100%**	**Wed 6/25/08**	**Tue 3/24/09**
92	**OS**	**Group**	**10 days**	**100%**	**Fri 8/15/08**	**Fri 8/29/08**
93	**OS**	**Development (Create, update, cancel & ungroup)**	**10 days**	**100%**	**Fri 8/15/08**	**Fri 8/29/08**
94	OS	Resource/Transmission	10 days	100%	Fri 8/15/08	Fri 8/29/08
95	OS	Back-end work w/web srvices	10 days	100%	Fri 8/15/08	Fri 8/29/08
96	OS	Unit Test	10 days	100%	Fri 8/15/08	Fri 8/29/08
97	OS	Group Outage MMCR Prepared	1 day	100%	Fri 8/15/08	Mon 8/18/08
98	OS	Group Outages Released to Pre-FAT	0 days	100%	Mon 8/18/08	Mon 8/18/08
99	**OS**	**Opportunity**	**52 days**	**100%**	**Mon 9/15/08**	**Tue 11/25/08**
100	**OS**	**Development (create, update, cancel, group & ungroup)**	**52 days**	**100%**	**Mon 9/15/08**	**Tue 11/25/08**
101	OS	Resource/Transmission	48 days	100%	Mon 9/15/08	Wed 11/19/08
102	OS	Back-end work w/web services	23 days	100%	Wed 10/15/08	Fri 11/14/08
103	OS	Unit Test	4 days	100%	Thu 11/20/08	Tue 11/25/08
104	OS	Opportunity Outage MMCR Prepared	1 day	100%	Tue 11/25/08	Tue 11/25/08
105	OS	Opportunity Outages Released to Pre-FAT	0 days	100%	Tue 11/25/08	Tue 11/25/08
106	**OS**	**OS Feature Pack 1**	**180 days**	**100%**	**Wed 6/25/08**	**Tue 3/24/09**
107	OS	Design for additional features	6 days	100%	Wed 6/25/08	Wed 7/2/08
108	**OS**	**Development**	**30 days**	**100%**	**Mon 11/17/08**	**Wed 1/14/09**
109	**OS**	**Tabs**	**30 days**	**100%**	**Mon 11/17/08**	**Wed 1/14/09**

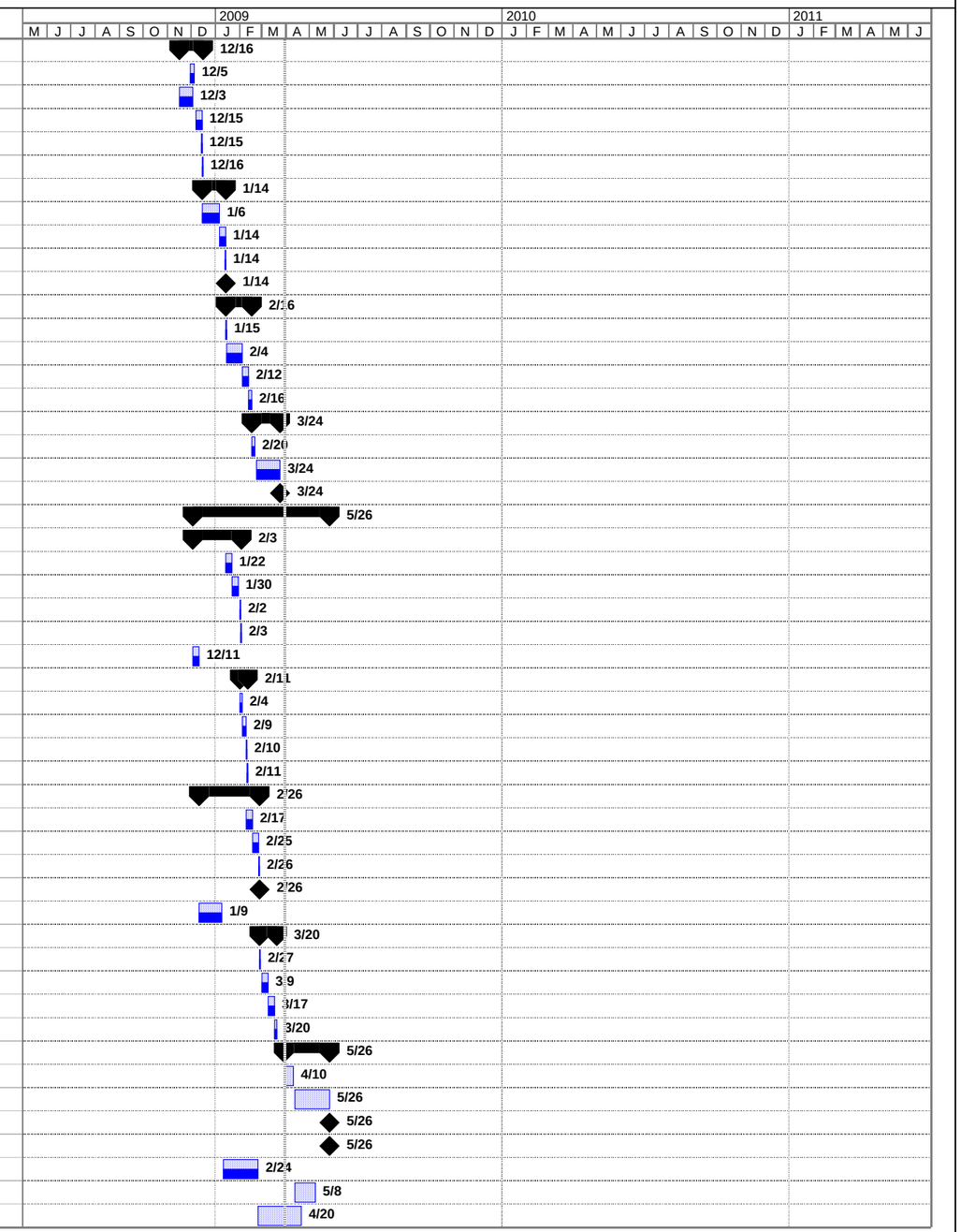


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
110	**OS**	**Warnings w/o Count**	**19 days**	**100%**	**Mon 11/17/08**	**Tue 12/16/08**
111	OS	OS FP 1: Resource/Transmission	5 days	100%	Mon 12/1/08	Fri 12/5/08
112	OS	OS FP 1: Back-end work w/web services	10 days	100%	Mon 11/17/08	Wed 12/3/08
113	OS	OS FP 1: Unit Test	6 days	100%	Mon 12/8/08	Mon 12/15/08
114	OS	OS FP 1: MMCR Prepared	1 day	100%	Mon 12/15/08	Mon 12/15/08
115	OS	OS FP 1 (Warnings) Released to Pre-FAT	1 day	100%	Tue 12/16/08	Tue 12/16/08
116	**OS**	**OS Summary Enhancement (Custom Filtering, Actual Start/End)**	**12 days**	**100%**	**Tue 12/16/08**	**Wed 1/14/09**
117	OS	OS Summary Enhancement Resource/Transmission	6 days	100%	Tue 12/16/08	Tue 1/6/09
118	OS	OS Summary Enhancement Unit Test	6 days	100%	Wed 1/7/09	Wed 1/14/09
119	OS	OS Summary Enhancement MMCR Prepared	1 day	100%	Wed 1/14/09	Wed 1/14/09
120	OS	OS Summary Enhancement Releasee to Pre-FAT	0 days	100%	Wed 1/14/09	Wed 1/14/09
121	**OS**	**Test**	**23 days**	**100%**	**Thu 1/15/09**	**Mon 2/16/09**
122	OS	OS FP 1: Installed into Pre-FAT	1 day	100%	Thu 1/15/09	Thu 1/15/09
123	OS	OS FP 1: Pre-FAT	14 days	100%	Fri 1/16/09	Wed 2/4/09
124	OS	OS FP 1: Regression Test	6 days	100%	Thu 2/5/09	Thu 2/12/09
125	OS	OS FP 1: Pre-FAT SPR's Corrected	2 days	100%	Fri 2/13/09	Mon 2/16/09
126	**OS**	**FAT**	**26 days**	**100%**	**Tue 2/17/09**	**Tue 3/24/09**
127	OS	OS FP1 FAT Build & Installation	4 days	100%	Tue 2/17/09	Fri 2/20/09
128	OS	OS FP1 FAT	22 days	100%	Mon 2/23/09	Tue 3/24/09
129	OS	Deliver OS FP 1 to iTEST	0 days	100%	Tue 3/24/09	Tue 3/24/09
130	**OS**	**OS Feature Pack 2 (v1.x.x.x)**	**113 days**	**62%**	**Thu 12/4/08**	**Tue 5/26/09**
131	**OS**	**OS Copy/Print/Export**	**34 days**	**100%**	**Thu 12/4/08**	**Tue 2/3/09**
132	OS	OS Copy/Print/Export Resource/Transmission	6 days	100%	Thu 1/15/09	Thu 1/22/09
133	OS	OS Copy/Print/Export Unit Test	6 days	100%	Fri 1/23/09	Fri 1/30/09
134	OS	OS Copy/Print/Export MMCR Prepared	1 day	100%	Mon 2/2/09	Mon 2/2/09
135	OS	OS Copy/Print/Export Released to Pre-FAT	1 day	100%	Tue 2/3/09	Tue 2/3/09
136	OS	OS Copy/Print/Export Back-end work w/web services	6 days	100%	Thu 12/4/08	Thu 12/11/08
137	**OS**	**OS Summary/Split Detail Screen (Second Window)**	**8 days**	**100%**	**Mon 2/2/09**	**Wed 2/11/09**
138	OS	OS Summary/Split Detail Screen (Second Window) Resource/Transmission	3 days	100%	Mon 2/2/09	Wed 2/4/09
139	OS	OS Summary/Split Detail Screen (Second Window) Unit Test	3 days	100%	Thu 2/5/09	Mon 2/9/09
140	OS	OS Summary/Split Detail Screen (Second Window) MMCR Prepared	1 day	100%	Tue 2/10/09	Tue 2/10/09
141	OS	OS Summary/Split Detail Screen (Second Window) Released to Pre-FAT	1 day	100%	Wed 2/11/09	Wed 2/11/09
142	**OS**	**OS Client-side Validation**	**45 days**	**100%**	**Fri 12/12/08**	**Thu 2/26/09**
143	OS	OS Client-side Validation Resource/Transmission	6 days	100%	Tue 2/10/09	Tue 2/17/09
144	OS	OS Client-side Validation Unit Test	6 days	100%	Wed 2/18/09	Wed 2/25/09
145	OS	OS Client-side Validation MMCR Prepared	1 day	100%	Thu 2/26/09	Thu 2/26/09
146	OS	OS Client-side Validation Released to Pre-FAT	0 days	100%	Thu 2/26/09	Thu 2/26/09
147	OS	OS Client-side Validation Back-end work w/web services	11 days	100%	Fri 12/12/08	Fri 1/9/09
148	**OS**	**Test**	**16 days**	**100%**	**Fri 2/27/09**	**Fri 3/20/09**
149	OS	OS FP 2 Installed into Pre-FAT	1 day	100%	Fri 2/27/09	Fri 2/27/09
150	OS	OS FP 2 Pre-FAT	6 days	100%	Mon 3/2/09	Mon 3/9/09
151	OS	OS FP 2 Regression	6 days	100%	Tue 3/10/09	Tue 3/17/09
152	OS	OS FP 2 SPR's Corrected & Tested	3 days	100%	Wed 3/18/09	Fri 3/20/09
153	**OS**	**FAT**	**41 days**	**0%**	**Mon 3/30/09**	**Tue 5/26/09**
154	OS	OS FP2 FAT Build & Installation	10 days	0%	Mon 3/30/09	Fri 4/10/09
155	OS	OS FP2 FAT	31 days	0%	Mon 4/13/09	Tue 5/26/09
156	OS	Deliver OS Feature Pack 2 to iTEST	0 days	0%	Tue 5/26/09	Tue 5/26/09
157	OS	OS - UI FAT Complete	0 days	0%	Tue 5/26/09	Tue 5/26/09
158	OS	Tomcat/Jboss Conversion	32 days	100%	Mon 1/12/09	Tue 2/24/09
159	OS	Repair & Verify Defect Fixes	20 days	0%	Mon 4/13/09	Fri 5/8/09
160	OS	Performance Testing	39 days	0%	Wed 2/25/09	Mon 4/20/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
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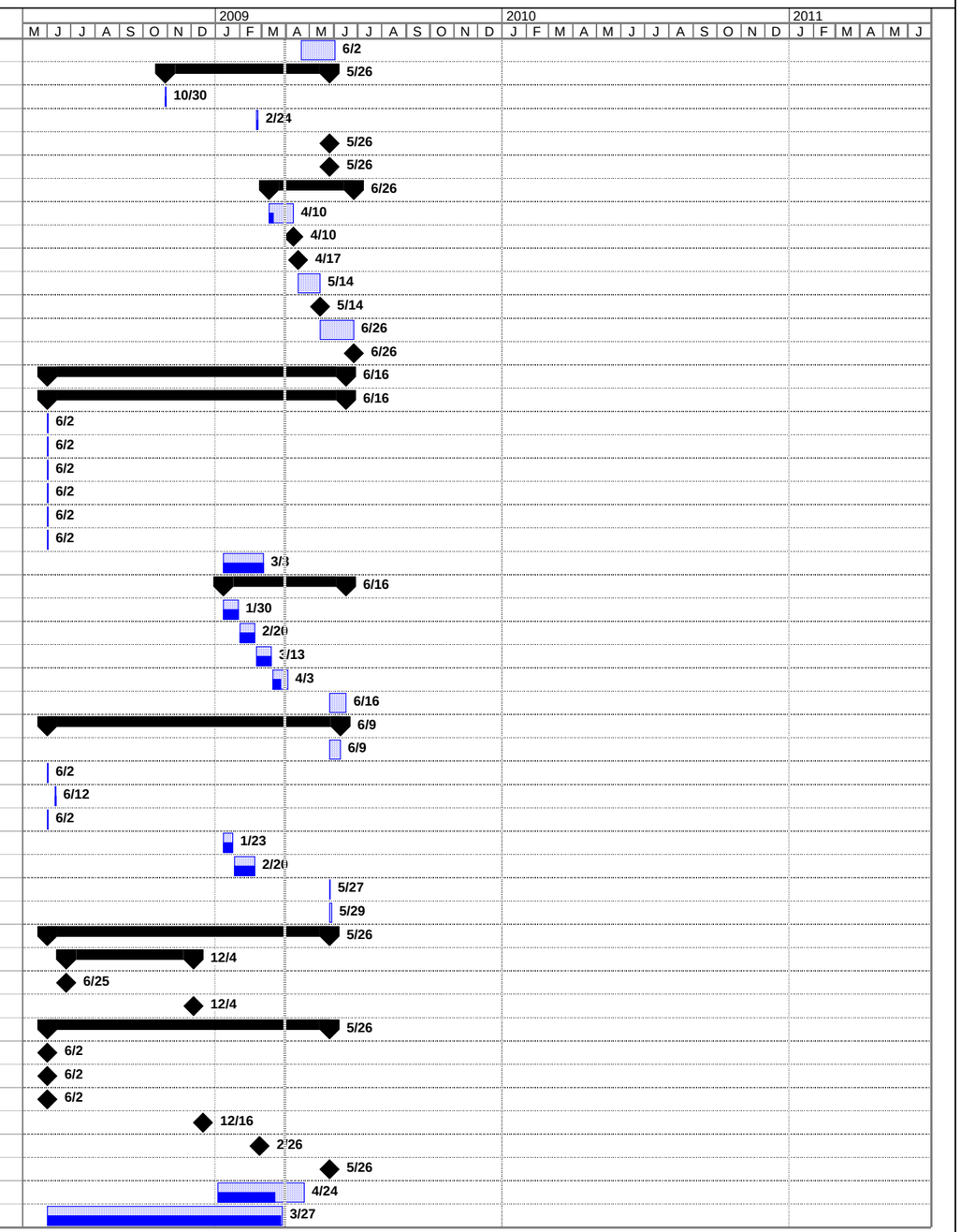
ERCOT Public
Nodal IPS

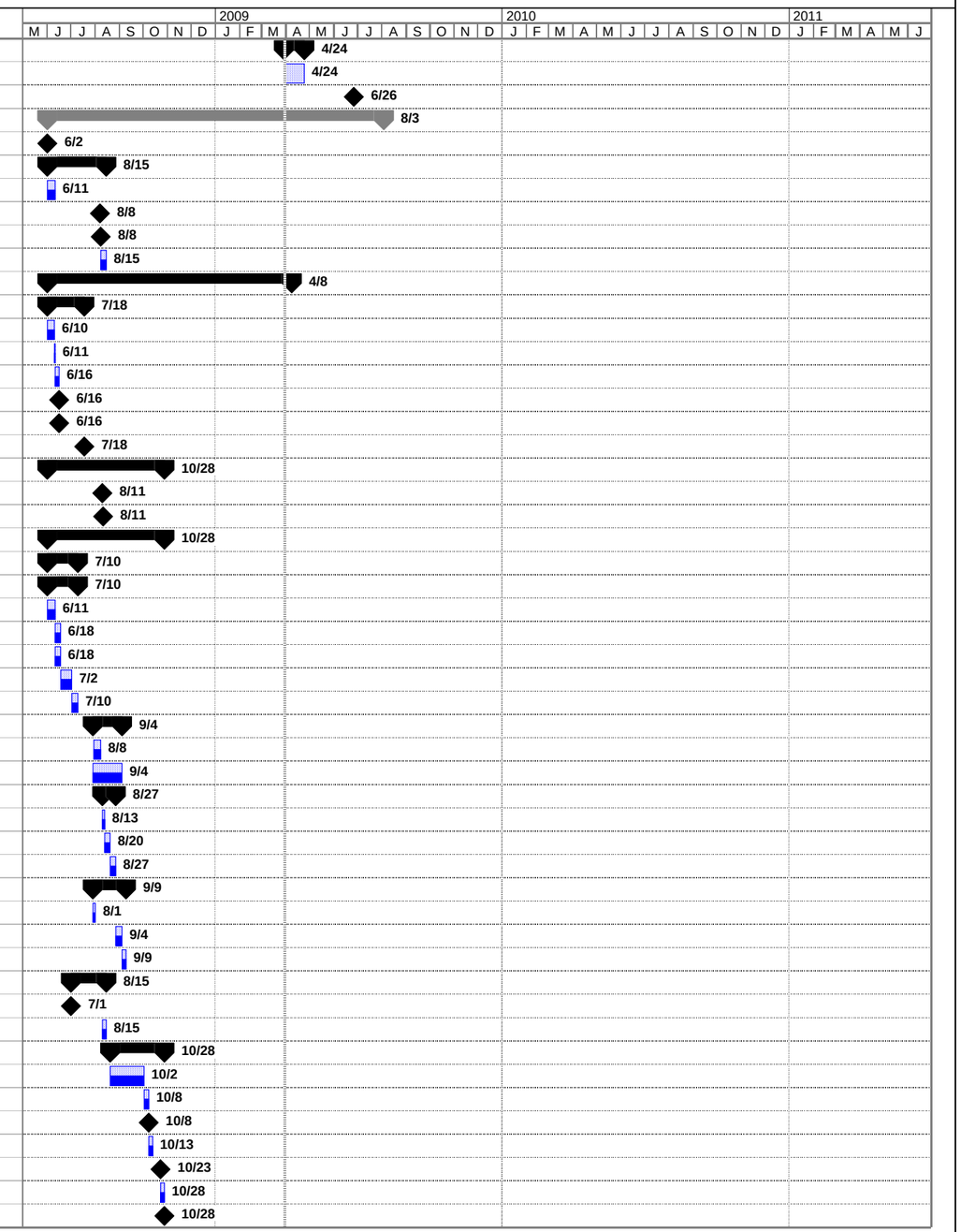
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
161	OS	Final OS UI Performance Testing	30 days	0%	Tue 4/21/09	Tue 6/2/09
162	**OS**	**Integration**	**135 days**	**99%**	**Thu 10/30/08**	**Tue 5/26/09**
163	OS	Registration & Equipment list Synced with MMS	1 day	100%	Thu 10/30/08	Thu 10/30/08
164	OS	Zonal Outage Data Load	2 days	100%	Mon 2/23/09	Tue 2/24/09
165	OS	iTest Support Identified	0 days	0%	Tue 5/26/09	Tue 5/26/09
166	OS	EDS Support	0 days	0%	Tue 5/26/09	Tue 5/26/09
167	**OS**	**Post 2.1.0.0 / Pre 168-Hour Test**	**77 days**	**5%**	**Wed 3/11/09**	**Fri 6/26/09**
168	OS	OS 2.1.3.0 Defect Patch	23 days	15%	Wed 3/11/09	Fri 4/10/09
169	OS	Deliver OS 2.1.3.0 Defect Patch to iTEST	0 days	0%	Fri 4/10/09	Fri 4/10/09
171	OS	2.1.4.0 OS Maintainance Patch 1 Delivered by ABB	0 days	0%	Fri 4/17/09	Fri 4/17/09
173	OS	2.1.4.0 OS Maintainance Patch 1	20 days	0%	Fri 4/17/09	Thu 5/14/09
174	OS	2.1.4.0 Deliver OS Maintainance Patch 1 to iTEST	0 days	0%	Thu 5/14/09	Thu 5/14/09
175	OS	2.1.5.0 OS Maintainance Patch 2	30 days	0%	Fri 5/15/09	Fri 6/26/09
176	OS	2.1.5.0 Deliver OS Maintainance Patch 2 to iTEST	0 days	0%	Fri 6/26/09	Fri 6/26/09
177	**OS**	**Documentation**	**256 days**	**80%**	**Mon 6/2/08**	**Tue 6/16/09**
178	**OS**	**RUP Artifacts**	**256 days**	**81%**	**Mon 6/2/08**	**Tue 6/16/09**
179	OS	OS Requirements Document	1 day	100%	Mon 6/2/08	Mon 6/2/08
180	OS	OS Conceptual System Design Document	1 day	100%	Mon 6/2/08	Mon 6/2/08
181	OS	OS Detail Design Document	1 day	100%	Mon 6/2/08	Mon 6/2/08
182	OS	OS Use Cases	1 day	100%	Mon 6/2/08	Mon 6/2/08
183	OS	OS Test Plans, Cases, Scripts	1 day	100%	Mon 6/2/08	Mon 6/2/08
184	OS	OS Process Maps	1 day	100%	Mon 6/2/08	Mon 6/2/08
185	OS	OS Procedures	37 days	100%	Mon 1/12/09	Tue 3/3/09
186	**OS**	**Reviews & Updates**	**111 days**	**70%**	**Mon 1/12/09**	**Tue 6/16/09**
187	OS	OS Requirements Coverage Assessment	15 days	100%	Mon 1/12/09	Fri 1/30/09
188	OS	OS Conceptual System Design Document Review	15 days	100%	Mon 2/2/09	Fri 2/20/09
189	OS	OS Detail Design Document Updates	15 days	100%	Mon 2/23/09	Fri 3/13/09
190	OS	OS Test Plans, Cases, Scripts Updates	15 days	50%	Mon 3/16/09	Fri 4/3/09
191	OS	OS EDS Document Reviews	15 days	0%	Wed 5/27/09	Tue 6/16/09
192	**OS**	**User Guides**	**251 days**	**9%**	**Mon 6/2/08**	**Tue 6/9/09**
193	OS	OS Requestor User Interface (RUI)	10 days	0%	Wed 5/27/09	Tue 6/9/09
194	OS	OS Operator User Interface (OUI)	1 day	100%	Mon 6/2/08	Mon 6/2/08
195	OS	OS Test Scripts for new Functionality Delivered	1 day	100%	Thu 6/12/08	Thu 6/12/08
196	OS	OS Operating Guide Delivered	1 day	100%	Mon 6/2/08	Mon 6/2/08
197	OS	Initiate Requirements discussion on System Monitoring Document	10 days	100%	Mon 1/12/09	Fri 1/23/09
198	OS	Support Production Support team on System Monitoring Document	20 days	100%	Mon 1/26/09	Fri 2/20/09
199	OS	Training - RUI	1 day	0%	Wed 5/27/09	Wed 5/27/09
200	OS	Training - MA	3 days	0%	Wed 5/27/09	Fri 5/29/09
201	**OS**	**Release management**	**241 days**	**0%**	**Mon 6/2/08**	**Tue 5/26/09**
202	**OS**	**OS Core**	**111 days**	**100%**	**Wed 6/25/08**	**Thu 12/4/08**
203	OS	Release 2.0.13.0	0 days	100%	Wed 6/25/08	Wed 6/25/08
204	OS	Release 2.1.0.0	0 days	100%	Thu 12/4/08	Thu 12/4/08
205	**OS**	**OS UI**	**241 days**	**0%**	**Mon 6/2/08**	**Tue 5/26/09**
206	OS	Release v1.3.0.6 Released to FAT	0 days	100%	Mon 6/2/08	Mon 6/2/08
207	OS	Release v1.4.0.8 Released to FAT	0 days	100%	Mon 6/2/08	Mon 6/2/08
208	OS	Release v1.5.0.9 Released to FAT	0 days	100%	Mon 6/2/08	Mon 6/2/08
209	OS	Release v1.x.x.x (OS FP-1 Warnings with Count) Released to FAT	0 days	100%	Tue 12/16/08	Tue 12/16/08
210	OS	Release v1.x.x.x (OS FP-1 Summary Enhancements, Copy/Print/Export, Summary/Split Released to FAT	0 days	100%	Thu 2/26/09	Thu 2/26/09
211	OS	Release v1.x.x.x (OS FP-2) Released to FAT	0 days	0%	Tue 5/26/09	Tue 5/26/09
212	OS	Interfaces Releases-Data Loads	80 days	66%	Mon 1/5/09	Fri 4/24/09
213	OS	Defect management	200 days	99%	Mon 6/2/08	Fri 3/27/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

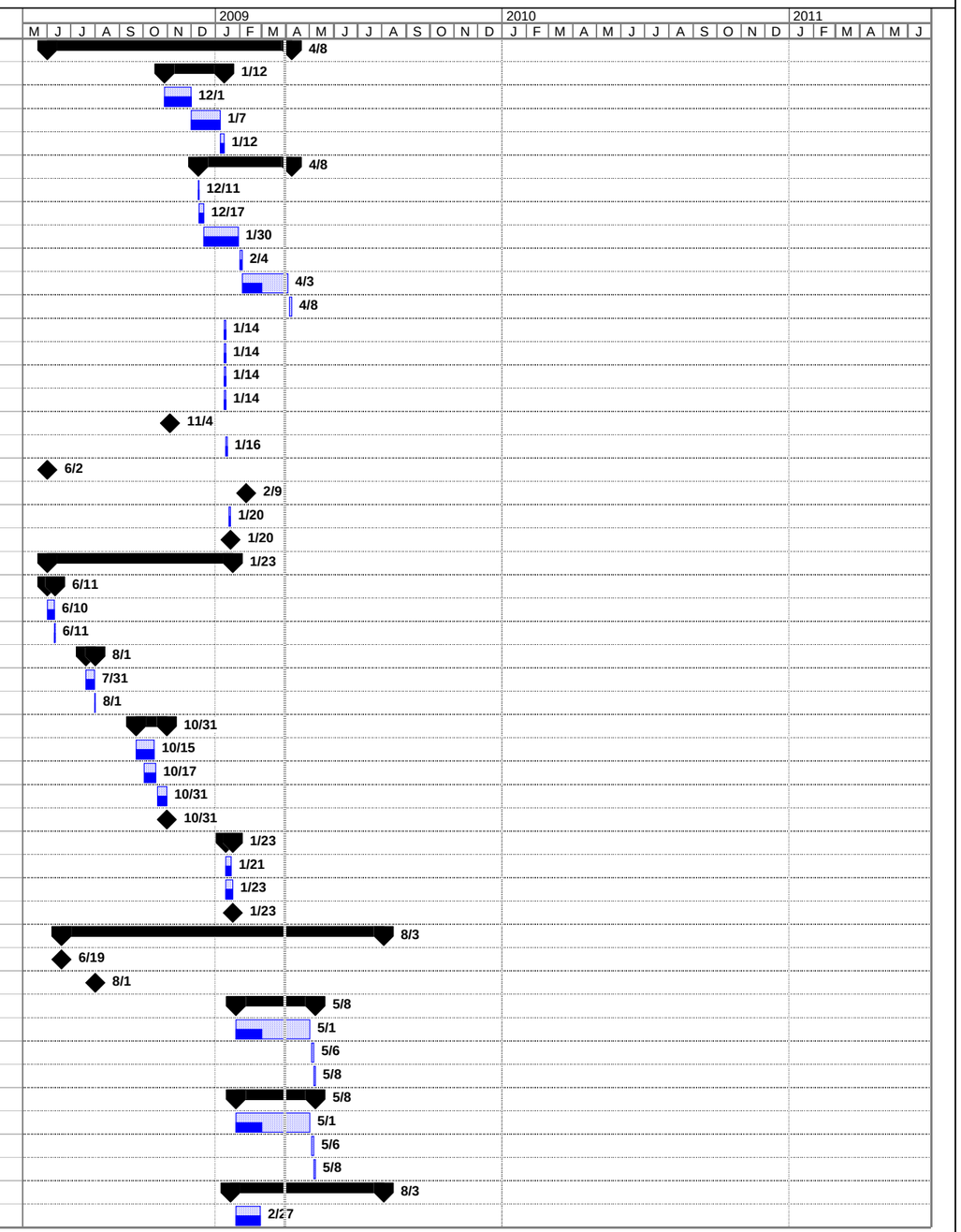
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
214	**OS**	**Change Control**	**20 days**	**0%**	**Mon 3/30/09**	**Fri 4/24/09**
215	OS	Mimic Duns Tested & Implemented	20 days	0%	Mon 3/30/09	Fri 4/24/09
216	OS	OS Project End	0 days	0%	Fri 6/26/09	Fri 6/26/09
7	**Nodal IPS**	**CDR - Current Day Reporting**	**289 days**	**64%**	**Mon 6/2/08**	**Mon 8/3/09**
1	CDR	CDR Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
2	**CDR**	**Requirements & Planning**	**54 days**	**100%**	**Mon 6/2/08**	**Fri 8/15/08**
3	CDR	Draft DashBoard Specs	8 days	100%	Mon 6/2/08	Wed 6/11/08
5	CDR	Receive EMS Schema Info for CDR 3C Available from EMS	0 days	100%	Fri 8/8/08	Fri 8/8/08
7	CDR	Receive MMS Schema Info for CDR 3C Available from MMS	0 days	100%	Fri 8/8/08	Fri 8/8/08
8	CDR	CDR Report Specs - CDR 3C	5 days	100%	Fri 8/8/08	Fri 8/15/08
9	**CDR**	**Implementation**	**208 days**	**90%**	**Mon 6/2/08**	**Wed 4/8/09**
10	**CDR**	**Develop CDR 3B Reports**	**34 days**	**100%**	**Mon 6/2/08**	**Fri 7/18/08**
11	CDR	CDR 3B Reports - Coding Completed	7 days	100%	Mon 6/2/08	Tue 6/10/08
12	CDR	CDR 3B Reports - Code Reviews Completed	1 day	100%	Wed 6/11/08	Wed 6/11/08
13	CDR	CDR 3B Reports - Unit Tests Completed (Test Results)	3 days	100%	Thu 6/12/08	Mon 6/16/08
14	CDR	Source System Data Available - CDR 3B Reports	0 days	100%	Mon 6/16/08	Mon 6/16/08
15	CDR	Migration Control Doc - CDR 3B Completed	0 days	100%	Mon 6/16/08	Mon 6/16/08
17	CDR	Receive CDR 3B Development Completed to MIS from EMS	0 days	100%	Fri 7/18/08	Fri 7/18/08
19	**CDR**	**Develop CDR 3C Reports / Enterprise App Features**	**105 days**	**100%**	**Mon 6/2/08**	**Tue 10/28/08**
20	CDR	EMS Views/Tables/Data for CDR 3C Available in DEV	0 days	100%	Mon 8/11/08	Mon 8/11/08
21	CDR	MMS Views/Tables/Data for CDR 3C Available in DEV	0 days	100%	Mon 8/11/08	Mon 8/11/08
22	**CDR**	**CDR 3C Feature Development**	**105 days**	**100%**	**Mon 6/2/08**	**Tue 10/28/08**
23	**CDR**	**CDR 3C Application Features**	**28 days**	**100%**	**Mon 6/2/08**	**Thu 7/10/08**
24	**CDR**	**Analysis for MIS DashBoards & ODS Access**	**28 days**	**100%**	**Mon 6/2/08**	**Thu 7/10/08**
25	CDR	Analysis & POC of Dashboard DB Link	8 days	100%	Mon 6/2/08	Wed 6/11/08
26	CDR	Doc of POC for Future Implementation	5 days	100%	Thu 6/12/08	Wed 6/18/08
27	CDR	Dashboard POC Knowledge Transfer	5 days	100%	Thu 6/12/08	Wed 6/18/08
28	CDR	Investigate ODS Access	10 days	100%	Thu 6/19/08	Wed 7/2/08
29	CDR	Doc for Devs regarding ODS Access & Queries	5 days	100%	Thu 7/3/08	Thu 7/10/08
30	**CDR**	**CDR 3C Infrastructure Features**	**26 days**	**100%**	**Wed 7/30/08**	**Thu 9/4/08**
31	CDR	Failover	7 days	100%	Thu 7/31/08	Fri 8/8/08
32	CDR	Extract Engine Completion (Dev & Unit Test)	26 days	100%	Wed 7/30/08	Thu 9/4/08
33	**CDR**	**Direct Posting to MIR**	**13 days**	**100%**	**Mon 8/11/08**	**Wed 8/27/08**
34	CDR	Design	3 days	100%	Mon 8/11/08	Wed 8/13/08
35	CDR	Implementation	5 days	100%	Thu 8/14/08	Wed 8/20/08
36	CDR	Unit Testing	5 days	100%	Thu 8/21/08	Wed 8/27/08
37	**CDR**	**CDR 3C Load Balancing Features**	**29 days**	**100%**	**Wed 7/30/08**	**Tue 9/9/08**
38	CDR	Design	3 days	100%	Wed 7/30/08	Fri 8/1/08
39	CDR	Load Balancing	5 days	100%	Thu 8/28/08	Thu 9/4/08
40	CDR	Unit Testing	3 days	100%	Fri 9/5/08	Tue 9/9/08
41	**CDR**	**CDR Web Services Analysis (WILL NEED TO ADD TASKS PER OUTCOME)**	**32 days**	**100%**	**Tue 7/1/08**	**Fri 8/15/08**
42	CDR	Resolution of Web Service Scope in CDR	0 days	100%	Tue 7/1/08	Tue 7/1/08
43	CDR	Analysis of CDR Web Services (Mapping EWS to MIR Reports)	5 days	100%	Mon 8/11/08	Fri 8/15/08
44	**CDR**	**CDR 3C Scheduled Reports**	**48 days**	**100%**	**Thu 8/21/08**	**Tue 10/28/08**
45	CDR	CDR 3C Reports - Coding Completed	30 days	100%	Thu 8/21/08	Thu 10/2/08
46	CDR	CDR 3C - Code Reviews Completed	4 days	100%	Fri 10/3/08	Wed 10/8/08
47	CDR	Fixes to CDR 3B Integration Testing Issues Completed	0 days	100%	Wed 10/8/08	Wed 10/8/08
48	CDR	CDR 3C - Final Unit Tests Completed (Test Results)	3 days	100%	Thu 10/9/08	Mon 10/13/08
52	CDR	Receive EMS Views/Tables/Data for CDR 3C Available in iTEST from EMS	0 days	100%	Thu 10/23/08	Thu 10/23/08
53	CDR	Migration Control Doc & Migration to iTEST - CDR 3C Completed	3 days	100%	Fri 10/24/08	Tue 10/28/08
54	CDR	Deliver CDR 3C Development Completed to MIS	0 days	100%	Tue 10/28/08	Tue 10/28/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
56	**CDR**	**Develop CDR 4.0 Enterprise App Features**	**208 days**	**78%**	**Mon 6/2/08**	**Wed 4/8/09**
57	**CDR**	**Report Reproducibility**	**41 days**	**100%**	**Wed 10/29/08**	**Mon 1/12/09**
58	CDR	Analysis & Design	21 days	100%	Wed 10/29/08	Mon 12/1/08
59	CDR	Application Service (to Reproduce Report)	17 days	100%	Tue 12/2/08	Wed 1/7/09
60	CDR	Unit Testing - Report Reproducibility Service	3 days	100%	Thu 1/8/09	Mon 1/12/09
61	**CDR**	**DB Failover/Recovery (DataGuard)**	**75 days**	**63%**	**Thu 12/11/08**	**Wed 4/8/09**
62	CDR	Updating TA Document	1 day	100%	Thu 12/11/08	Thu 12/11/08
63	CDR	Getting Approval from IT Manager	4 days	100%	Fri 12/12/08	Wed 12/17/08
64	CDR	CRQ - LPAR	22 days	100%	Thu 12/18/08	Fri 1/30/09
65	CDR	Storage Request	3 days	100%	Mon 2/2/09	Wed 2/4/09
66	CDR	Stand by Build	42 days	40%	Thu 2/5/09	Fri 4/3/09
67	CDR	Fail Over Test	3 days	0%	Mon 4/6/09	Wed 4/8/09
68	CDR	Fixes for Issues Found in Integration Testing	2 days	100%	Tue 1/13/09	Wed 1/14/09
69	CDR	Report Updates Reflecting MMS/EMS Schema Changes	2 days	100%	Tue 1/13/09	Wed 1/14/09
70	CDR	Developers - CDR Optimization	2 days	100%	Tue 1/13/09	Wed 1/14/09
71	CDR	Reports Development	2 days	100%	Tue 1/13/09	Wed 1/14/09
73	CDR	Receive Verification of Staging Table/Views & Data Population from MMS	0 days	100%	Tue 11/4/08	Tue 11/4/08
74	CDR	Final Unit Testing	2 days	100%	Thu 1/15/09	Fri 1/16/09
76	CDR	Receive Updated OS Views/Tables/Data for CDR Available in iTEST from OS	0 days	100%	Mon 6/2/08	Mon 6/2/08
78	CDR	Receive Updated EMS Views/Tables/Data for CDR Available in iTEST from EMS	0 days	100%	Mon 2/9/09	Mon 2/9/09
79	CDR	Migration Control Doc & Migration to iTEST - CDR 4.0 Completed	2 days	100%	Mon 1/19/09	Tue 1/20/09
80	CDR	CDR 4.0 Development Completed	0 days	100%	Tue 1/20/09	Tue 1/20/09
81	**CDR**	**Test**	**155 days**	**100%**	**Mon 6/2/08**	**Fri 1/23/09**
82	**CDR**	**FAT Testing - CDR 3A Reports**	**8 days**	**100%**	**Mon 6/2/08**	**Wed 6/11/08**
83	CDR	FAT Testing - CDR 3A Reports	7 days	100%	Mon 6/2/08	Tue 6/10/08
84	CDR	FAT Test Results Completed - CDR 3A Reports	1 day	100%	Wed 6/11/08	Wed 6/11/08
85	**CDR**	**FAT Testing - CDR 3B Reports**	**10 days**	**100%**	**Mon 7/21/08**	**Fri 8/1/08**
86	CDR	FAT Testing - CDR 3B Reports	9 days	100%	Mon 7/21/08	Thu 7/31/08
87	CDR	FAT Test Results Completed - CDR 3B Reports	1 day	100%	Fri 8/1/08	Fri 8/1/08
88	**CDR**	**iTEST Testing - CDR 3C Reports & Enterprise App Features**	**29 days**	**100%**	**Tue 9/23/08**	**Fri 10/31/08**
89	CDR	CDR Test Cases Completed	17 days	100%	Tue 9/23/08	Wed 10/15/08
90	CDR	iTEST Test Scripts for Reports	11 days	100%	Fri 10/3/08	Fri 10/17/08
91	CDR	iTEST Test Scripts for Load Balancing	10 days	100%	Mon 10/20/08	Fri 10/31/08
92	CDR	Deliver CDR 3C to iTEST	0 days	100%	Fri 10/31/08	Fri 10/31/08
94	**CDR**	**iTEST Testing - CDR 4.0 Enterprise App Features**	**7 days**	**100%**	**Thu 1/15/09**	**Fri 1/23/09**
95	CDR	CDR Test Cases Completed	5 days	100%	Thu 1/15/09	Wed 1/21/09
96	CDR	iTEST Test Scripts	7 days	100%	Thu 1/15/09	Fri 1/23/09
97	CDR	Deliver CDR 4.0 to iTEST	0 days	100%	Fri 1/23/09	Fri 1/23/09
98	**CDR**	**Deployment**	**275 days**	**32%**	**Thu 6/19/08**	**Mon 8/3/09**
99	CDR	Deliver CDR 3A to EDS 4 (Austin), Release 9.5	0 days	100%	Thu 6/19/08	Thu 6/19/08
100	CDR	Deliver CDR 3B to EDS Taylor (iTEST)	0 days	100%	Fri 8/1/08	Fri 8/1/08
101	**CDR**	**CDR User Guide**	**73 days**	**32%**	**Wed 1/28/09**	**Fri 5/8/09**
102	CDR	User Guide Draft	68 days	34%	Wed 1/28/09	Fri 5/1/09
103	CDR	User Guide Review	3 days	0%	Mon 5/4/09	Wed 5/6/09
104	CDR	User Guide Completed	2 days	0%	Thu 5/7/09	Fri 5/8/09
105	**CDR**	**CDR Operations Guide (includes SLA)**	**73 days**	**32%**	**Wed 1/28/09**	**Fri 5/8/09**
106	CDR	Operations Guide Draft	68 days	34%	Wed 1/28/09	Fri 5/1/09
107	CDR	Operations Guide Review	3 days	0%	Mon 5/4/09	Wed 5/6/09
108	CDR	Operations Guide Completed	2 days	0%	Thu 5/7/09	Fri 5/8/09
109	**CDR**	**Training & Transition**	**137 days**	**32%**	**Wed 1/21/09**	**Mon 8/3/09**
110	CDR	Train Home Team on Supporting / Enhancing CDR	23 days	100%	Wed 1/28/09	Fri 2/27/09



Project: Nodal Program
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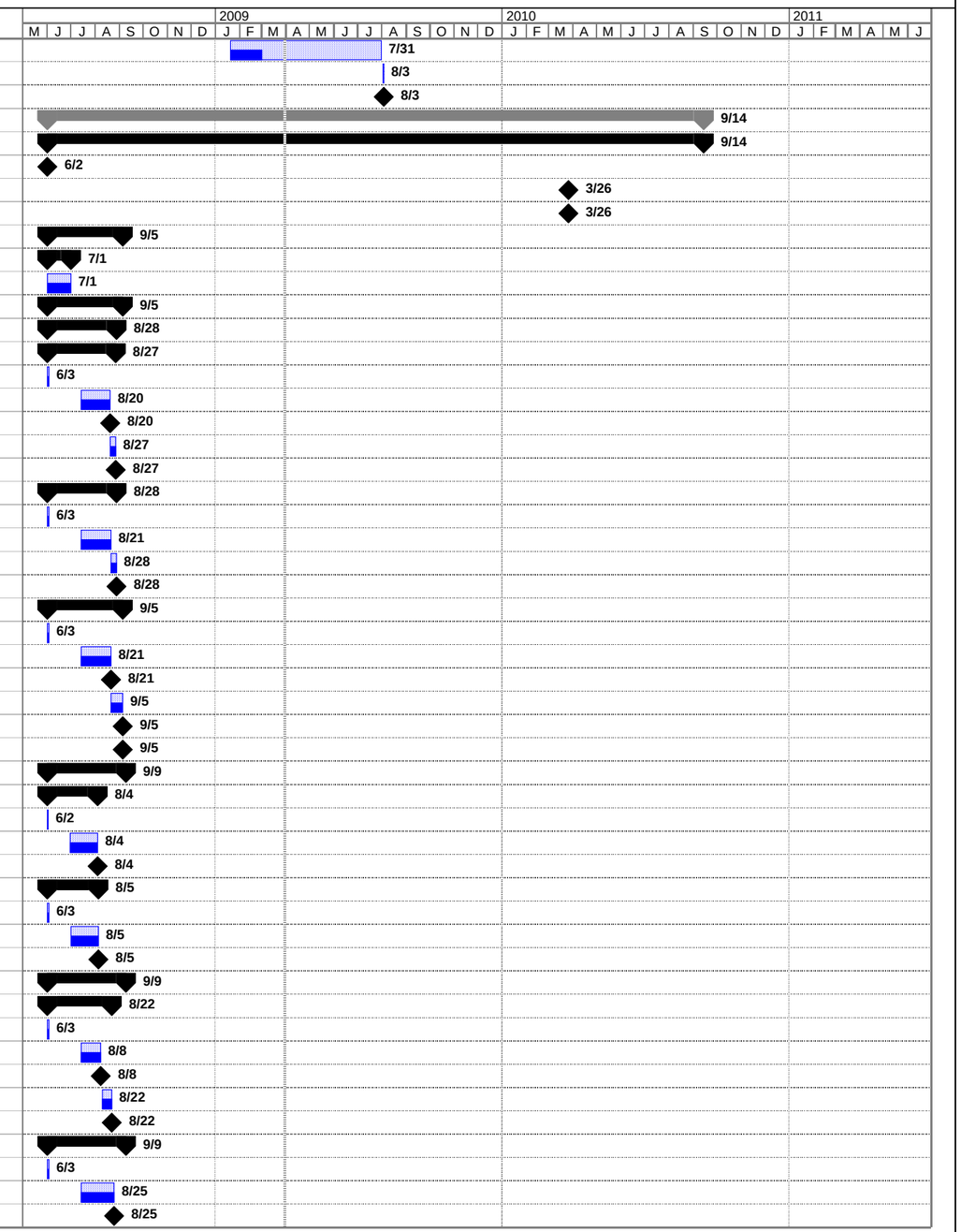
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
111	CDR	Project Management and Maintenance	136 days	21%	Wed 1/21/09	Fri 7/31/09
112	CDR	User Training	1 day	0%	Mon 8/3/09	Mon 8/3/09
113	CDR	CDR Project End	0 days	0%	Mon 8/3/09	Mon 8/3/09
8	**Nodal IPS**	**EDW - Enterprise Data Warehouse**	**563 days**	**28%**	**Mon 6/2/08**	**Tue 9/14/10**
1	**EDW**	**Nodal EDW Project**	**563 days**	**28%**	**Mon 6/2/08**	**Tue 9/14/10**
2	EDW	EDW Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
3	**EDW**	**EDW Deliveries**	**0 days**	**0%**	**Fri 3/26/10**	**Fri 3/26/10**
4	EDW	Deliver EDW Reports & Extracts for MIS Build 11 to MIS	0 days	0%	Fri 3/26/10	Fri 3/26/10
6	**EDW**	**EDW 1A (EDW ITEST)**	**68 days**	**100%**	**Mon 6/2/08**	**Fri 9/5/08**
7	**EDW**	**Infrastructure**	**22 days**	**100%**	**Mon 6/2/08**	**Tue 7/1/08**
8	EDW	One quarter's worth of data in ITEST available	22 days	100%	Mon 6/2/08	Tue 7/1/08
9	**EDW**	**State estimator & telemetry reporting & extracts**	**68 days**	**100%**	**Mon 6/2/08**	**Fri 9/5/08**
10	**EDW**	**State estimator extracts**	**63 days**	**100%**	**Mon 6/2/08**	**Thu 8/28/08**
11	**EDW**	**State estimator monthly statistics extract**	**62 days**	**100%**	**Mon 6/2/08**	**Wed 8/27/08**
12	EDW	Migrated to ITEST for testing	2 days	100%	Mon 6/2/08	Tue 6/3/08
13	EDW	Testing Support (defect fixes, refactoring)	27 days	100%	Tue 7/15/08	Wed 8/20/08
14	EDW	Deliver Extracts made availabe to MIS	0 days	100%	Wed 8/20/08	Wed 8/20/08
15	EDW	INT & UAT approval in ITEST	5 days	100%	Thu 8/21/08	Wed 8/27/08
16	EDW	State estimator monthly statistics extract complete	0 days	100%	Wed 8/27/08	Wed 8/27/08
17	**EDW**	**State Estimator Data Mart**	**63 days**	**100%**	**Mon 6/2/08**	**Thu 8/28/08**
18	EDW	Migrated to ITEST for testing	2 days	100%	Mon 6/2/08	Tue 6/3/08
19	EDW	Testing Support (defect fixes, refactoring)	28 days	100%	Tue 7/15/08	Thu 8/21/08
20	EDW	INT & UAT approval in ITEST	5 days	100%	Fri 8/22/08	Thu 8/28/08
21	EDW	State estimator data mart complete	0 days	100%	Thu 8/28/08	Thu 8/28/08
22	**EDW**	**State Estimator Reports**	**68 days**	**100%**	**Mon 6/2/08**	**Fri 9/5/08**
23	EDW	Migrated to ITEST for testing	2 days	100%	Mon 6/2/08	Tue 6/3/08
24	EDW	Testing Support (defect fixes, refactoring)	28 days	100%	Tue 7/15/08	Thu 8/21/08
25	EDW	Deliver Reports made available to MIS	0 days	100%	Thu 8/21/08	Thu 8/21/08
27	EDW	Business approval	10 days	100%	Fri 8/22/08	Fri 9/5/08
28	EDW	Report(s) complete in ITEST	0 days	100%	Fri 9/5/08	Fri 9/5/08
29	EDW	EDW 1A complete	0 days	100%	Fri 9/5/08	Fri 9/5/08
30	**EDW**	**EDW 1B (EDW ITEST)**	**70 days**	**100%**	**Mon 6/2/08**	**Tue 9/9/08**
31	**EDW**	**PI Staging**	**45 days**	**100%**	**Mon 6/2/08**	**Mon 8/4/08**
32	EDW	Migrate PI staging into ITEST for testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
33	EDW	Testing Support (defect fixes, refactoring)	24 days	100%	Tue 7/1/08	Mon 8/4/08
34	EDW	PI Staging Complete	0 days	100%	Mon 8/4/08	Mon 8/4/08
35	**EDW**	**Telemetry Data Mart**	**46 days**	**100%**	**Mon 6/2/08**	**Tue 8/5/08**
36	EDW	Migrate data mart into ITEST for Testing	2 days	100%	Mon 6/2/08	Tue 6/3/08
37	EDW	Testing Support (defect fixes, refactoring)	24 days	100%	Wed 7/2/08	Tue 8/5/08
38	EDW	Telemetry Data Mart Complete	0 days	100%	Tue 8/5/08	Tue 8/5/08
39	**EDW**	**Telemetry Reports**	**70 days**	**100%**	**Mon 6/2/08**	**Tue 9/9/08**
40	**EDW**	**Reports that need one month's data in ITEST**	**59 days**	**100%**	**Mon 6/2/08**	**Fri 8/22/08**
41	EDW	Migrate into ITEST for Testing	2 days	100%	Mon 6/2/08	Tue 6/3/08
42	EDW	Testing Support (defect fixes, refactoring)	19 days	100%	Tue 7/15/08	Fri 8/8/08
43	EDW	Reports available to MIS	0 days	100%	Fri 8/8/08	Fri 8/8/08
44	EDW	Business approval	10 days	100%	Mon 8/11/08	Fri 8/22/08
45	EDW	Telemetry Reports (month's data) complete	0 days	100%	Fri 8/22/08	Fri 8/22/08
46	**EDW**	**Reports that need one quarter's data in ITEST**	**70 days**	**100%**	**Mon 6/2/08**	**Tue 9/9/08**
47	EDW	Migrate into ITEST for Testing	2 days	100%	Mon 6/2/08	Tue 6/3/08
48	EDW	Testing Support (defect fixes, refactoring)	30 days	100%	Tue 7/15/08	Mon 8/25/08
49	EDW	Reports available to MIS	0 days	100%	Mon 8/25/08	Mon 8/25/08



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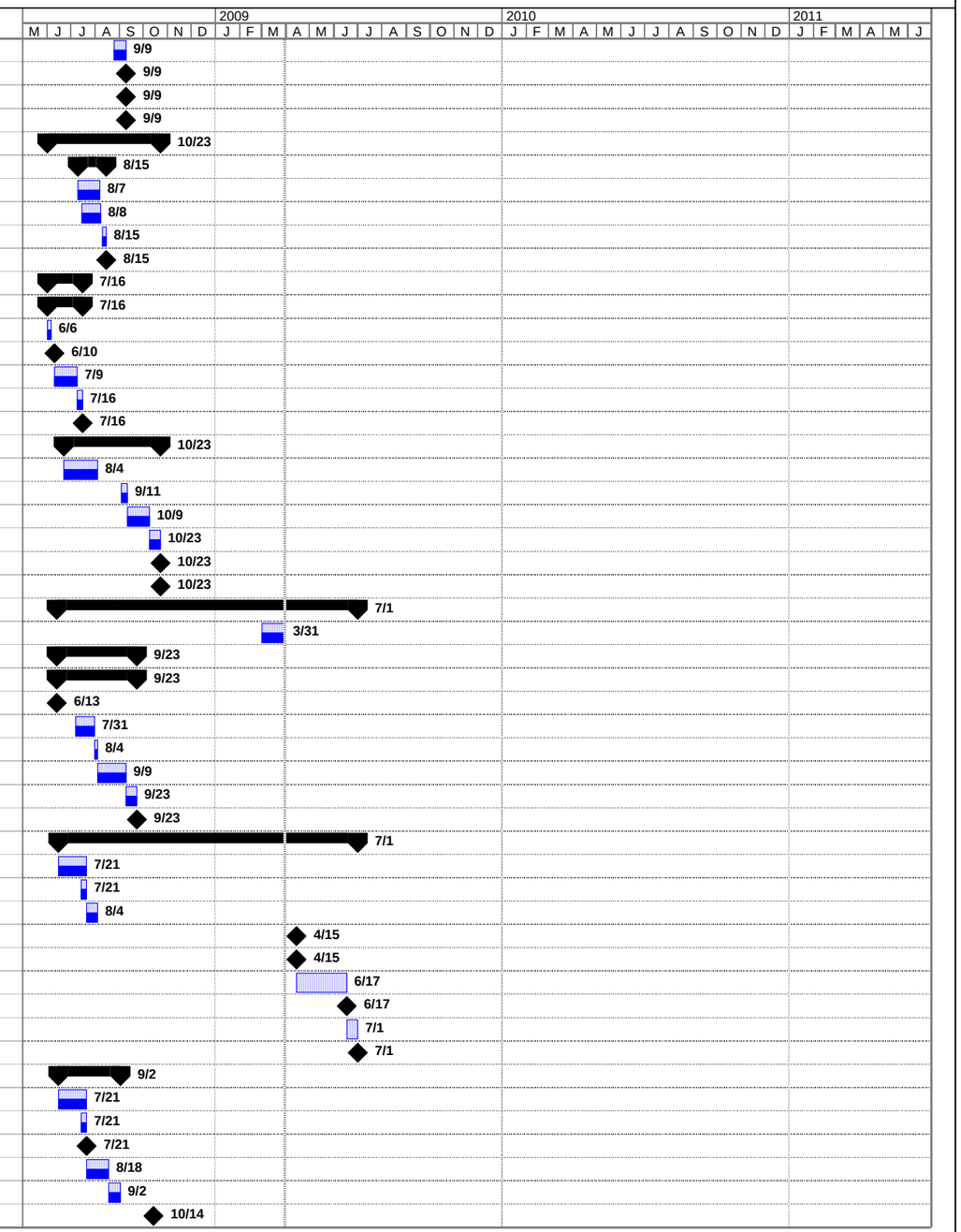
Nodal IPS

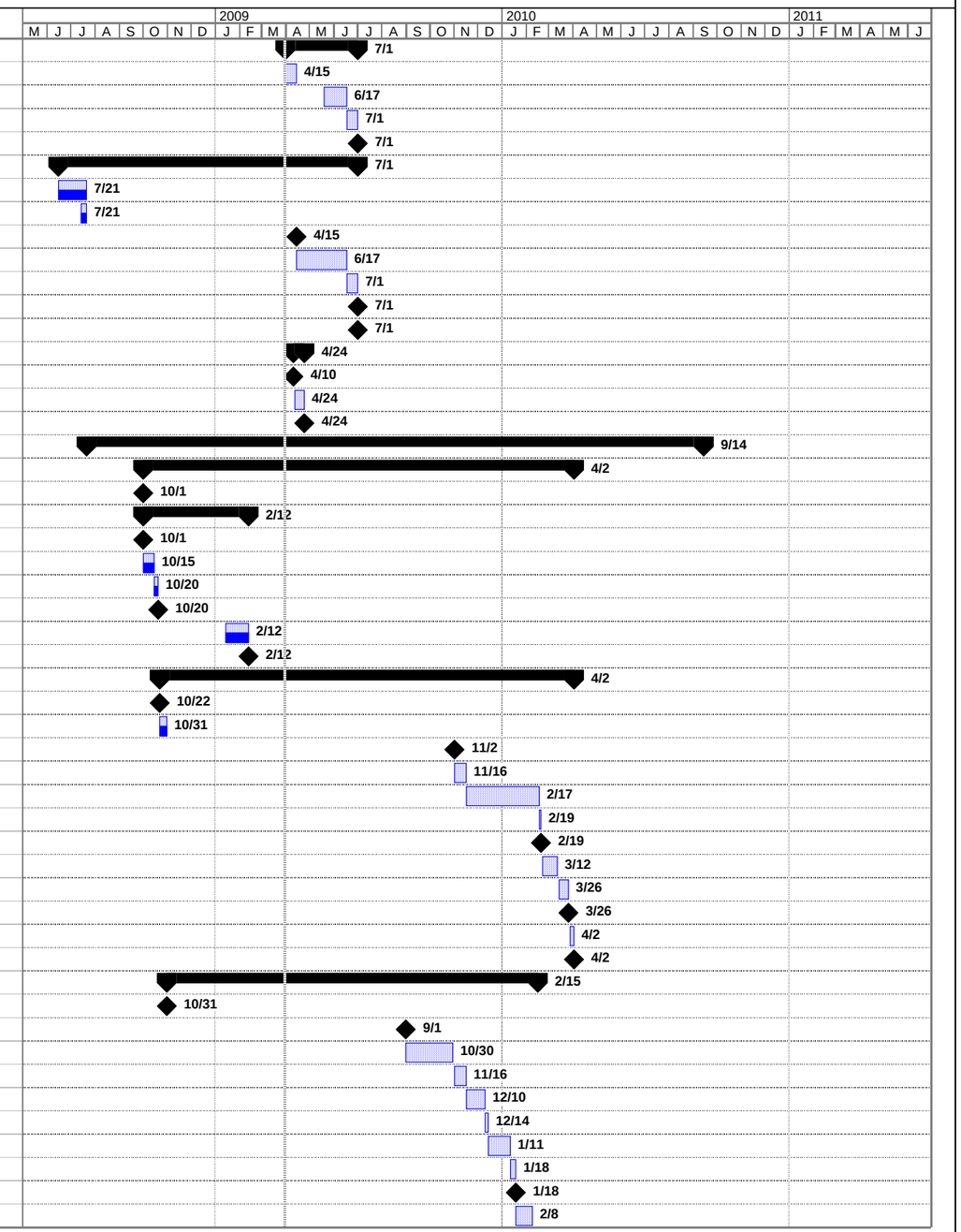
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
50	EDW	Business approval	10 days	100%	Tue 8/26/08	Tue 9/9/08
51	EDW	Telemetry Reports (quarter's data) complete	0 days	100%	Tue 9/9/08	Tue 9/9/08
52	EDW	Telemetry Reports Complete	0 days	100%	Tue 9/9/08	Tue 9/9/08
53	EDW	EDW 1B Complete	0 days	100%	Tue 9/9/08	Tue 9/9/08
54	**EDW**	**EDW 1C (EDW ITEST)**	**102 days**	**100%**	**Mon 6/2/08**	**Thu 10/23/08**
55	**EDW**	**Dimensional Maintenance Tool (DMT) - EDW ITEST**	**26 days**	**100%**	**Fri 7/11/08**	**Fri 8/15/08**
56	EDW	Migrate into ITEST for testing	20 days	100%	Fri 7/11/08	Thu 8/7/08
57	EDW	Testing Support (defect fixes, refactoring)	18 days	100%	Wed 7/16/08	Fri 8/8/08
58	EDW	Business Approval	5 days	100%	Mon 8/11/08	Fri 8/15/08
59	EDW	Dimensional Maint. Tool Complete	0 days	100%	Fri 8/15/08	Fri 8/15/08
60	**EDW**	**Replication**	**32 days**	**100%**	**Mon 6/2/08**	**Wed 7/16/08**
61	**EDW**	**EMS replication: EMS EDS to EDW ITEST (Phase 2)**	**32 days**	**100%**	**Mon 6/2/08**	**Wed 7/16/08**
62	EDW	install target system replication into ITEST for testing	5 days	100%	Mon 6/2/08	Fri 6/6/08
64	EDW	Receive EMS Replication patch from EMS	0 days	100%	Tue 6/10/08	Tue 6/10/08
65	EDW	Testing Support (defect fixes)	20 days	100%	Wed 6/11/08	Wed 7/9/08
66	EDW	Business Approval	5 days	100%	Thu 7/10/08	Wed 7/16/08
67	EDW	EMS (Phase 2) replication complete	0 days	100%	Wed 7/16/08	Wed 7/16/08
68	**EDW**	**Dynamic Report Posting Solution**	**87 days**	**100%**	**Mon 6/23/08**	**Thu 10/23/08**
69	EDW	Design & Develop DRP	30 days	100%	Mon 6/23/08	Mon 8/4/08
70	EDW	Migrate DRP into ITEST	6 days	100%	Thu 9/4/08	Thu 9/11/08
71	EDW	Testing Support (defect fixes, refactoring)	20 days	100%	Fri 9/12/08	Thu 10/9/08
72	EDW	Business Approval	10 days	100%	Fri 10/10/08	Thu 10/23/08
73	EDW	Dynamic Report Posting Solution Complete	0 days	100%	Thu 10/23/08	Thu 10/23/08
74	EDW	EDW 1C Complete	0 days	100%	Thu 10/23/08	Thu 10/23/08
75	**EDW**	**EDW 2B (EDW ITEST)**	**257 days**	**57%**	**Fri 6/13/08**	**Wed 7/1/09**
76	EDW	iTest Refresh	22 days	91%	Mon 3/2/09	Tue 3/31/09
78	**EDW**	**Replication**	**70 days**	**100%**	**Fri 6/13/08**	**Tue 9/23/08**
79	**EDW**	**CRR replication: CRR EDS to EDW ITEST (Phase 2)**	**70 days**	**100%**	**Fri 6/13/08**	**Tue 9/23/08**
81	EDW	Receive CRR Source System Data ready from CRR	0 days	100%	Fri 6/13/08	Fri 6/13/08
82	EDW	Developing replication tables	18 days	100%	Tue 7/8/08	Thu 7/31/08
83	EDW	Migrate tables into ITEST	2 days	100%	Fri 8/1/08	Mon 8/4/08
84	EDW	Testing Support (bug fix, refactoring, etc.)	25 days	100%	Tue 8/5/08	Tue 9/9/08
85	EDW	CRR Replication Business Approval	10 days	100%	Wed 9/10/08	Tue 9/23/08
86	EDW	CRR Replication complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
87	**EDW**	**COMS Shadow Settlements Extracts Phase 1**	**257 days**	**42%**	**Mon 6/16/08**	**Wed 7/1/09**
88	EDW	Testing Support (bug fix, refactoring, etc.) for available data	25 days	100%	Mon 6/16/08	Mon 7/21/08
89	EDW	Business Approval	5 days	100%	Tue 7/15/08	Mon 7/21/08
90	EDW	Impact Analysis and Dev post iTest Refresh & Parsing changes	10 days	100%	Tue 7/22/08	Mon 8/4/08
91	EDW	Receive Final Data Agg. Data needed from COMS (sometime in April)	0 days	0%	Wed 4/15/09	Wed 4/15/09
92	EDW	Deliver Data Agg to iTEST\ISM	0 days	0%	Wed 4/15/09	Wed 4/15/09
93	EDW	Re-Testing Support for re-test of data with correct data (bug fixes, refactoring)	45 days	0%	Wed 4/15/09	Wed 6/17/09
94	EDW	Extracts available to MIS	0 days	0%	Wed 6/17/09	Wed 6/17/09
95	EDW	Business Approval	10 days	0%	Thu 6/18/09	Wed 7/1/09
96	EDW	COMS Shadow Settlement Extracts Complete	0 days	0%	Wed 7/1/09	Wed 7/1/09
97	**EDW**	**Lodestar Parser**	**55 days**	**100%**	**Mon 6/16/08**	**Tue 9/2/08**
98	EDW	Testing (bug fix, refactoring, etc.)	25 days	100%	Mon 6/16/08	Mon 7/21/08
99	EDW	Business Approval	5 days	100%	Tue 7/15/08	Mon 7/21/08
100	EDW	COMS data agg. Data needed	0 days	100%	Mon 7/21/08	Mon 7/21/08
101	EDW	Re-Testing Support for re-test of data with correct data (bug fixes, refactoring)	20 days	100%	Tue 7/22/08	Mon 8/18/08
102	EDW	Business Approval	10 days	100%	Tue 8/19/08	Tue 9/2/08
103	EDW	Lodestar parser complete in ITEST	0 days	100%	Tue 10/14/08	Tue 10/14/08



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
104	**EDW**	**Lodestar Parser Modifications**	**65 days**	**0%**	**Wed 4/1/09**	**Wed 7/1/09**
105	EDW	Lodestar Parser Modifications Development	10 days	0%	Wed 4/1/09	Wed 4/15/09
106	EDW	Lodestar Parser Modifications Testing Support	20 days	0%	Wed 5/20/09	Wed 6/17/09
107	EDW	Lodestar Parser Modifications Business Approval	10 days	0%	Thu 6/18/09	Wed 7/1/09
108	EDW	Lodestar Parser Modifications Development Complete	0 days	0%	Wed 7/1/09	Wed 7/1/09
109	**EDW**	**Trigger Mechanism**	**257 days**	**35%**	**Mon 6/16/08**	**Wed 7/1/09**
110	EDW	Trigger Mechanism Testing (bug fix, refactoring, etc.)	25 days	100%	Mon 6/16/08	Mon 7/21/08
111	EDW	Trigger Mechanism Business Approval	5 days	100%	Tue 7/15/08	Mon 7/21/08
112	EDW	COMS data agg. Data needed	0 days	0%	Wed 4/15/09	Wed 4/15/09
113	EDW	Re-Testing Support for re-test of data with correct data (bug fixes, refactoring)	45 days	0%	Wed 4/15/09	Wed 6/17/09
114	EDW	Trigger Mechanism Business Approval	10 days	0%	Thu 6/18/09	Wed 7/1/09
115	EDW	Trigger Mechanism Development Complete	0 days	0%	Wed 7/1/09	Wed 7/1/09
116	EDW	EDW 2B Complete	0 days	0%	Wed 7/1/09	Wed 7/1/09
117	**EDW**	**EDW-MIS**	**10 days**	**0%**	**Fri 4/10/09**	**Fri 4/24/09**
119	EDW	Deliver MIS extract scheduler interface build to iTEST	0 days	0%	Fri 4/10/09	Fri 4/10/09
120	EDW	Set up DDM interfacing with extract scheduler & Rework (still discussing on who has this)	10 days	0%	Mon 4/13/09	Fri 4/24/09
121	EDW	EDW-MIS Complete	0 days	0%	Fri 4/24/09	Fri 4/24/09
122	**EDW**	**EDW-MMS**	**528 days**	**22%**	**Tue 7/22/08**	**Tue 9/14/10**
123	**EDW**	**MMS Release 1**	**363 days**	**11%**	**Wed 10/1/08**	**Fri 4/2/10**
125	EDW	Receive MMS RSS source available from MMS	0 days	100%	Wed 10/1/08	Wed 10/1/08
126	**EDW**	**MMS EDS to EDW ITEST (Phase 1) Replicaton**	**83 days**	**100%**	**Wed 10/1/08**	**Thu 2/12/09**
127	EDW	MMS Source environment ready	0 days	100%	Wed 10/1/08	Wed 10/1/08
128	EDW	MMS Phase 1 Repliction Bundle Development	10 days	100%	Thu 10/2/08	Wed 10/15/08
129	EDW	Migrate MMS Phase 1 Replication to iTest	3 days	100%	Thu 10/16/08	Mon 10/20/08
130	EDW	Deliver Migrated MMS Phase 1 Replication to iTEST	0 days	100%	Mon 10/20/08	Mon 10/20/08
132	EDW	MMS 4 Replication Testing Support (bug fix, refactoring, etc.)	21 days	100%	Thu 1/15/09	Thu 2/12/09
133	EDW	MMS replication complete	0 days	100%	Thu 2/12/09	Thu 2/12/09
134	**EDW**	**MMS Extract (NP6-584-ER Security Violations & Binding Transmission Constraints)**	**348 days**	**7%**	**Wed 10/22/08**	**Fri 4/2/10**
136	EDW	Receive MMS4_P5: DEV Build & Test from MMS	0 days	100%	Wed 10/22/08	Wed 10/22/08
137	EDW	MMS Source system data available	7 days	100%	Thu 10/23/08	Fri 10/31/08
138	EDW	EMS Source System Data Available	0 days	0%	Mon 11/2/09	Mon 11/2/09
139	EDW	Design & Develop extracts	11 days	0%	Mon 11/2/09	Mon 11/16/09
140	EDW	Unit test	54 days	0%	Tue 11/17/09	Wed 2/17/10
141	EDW	Development Complete ready for iTEST (App. Support Mat. & Trg)	2 days	0%	Thu 2/18/10	Fri 2/19/10
142	EDW	Deliver Migrated extract into ITEST (App. Support Mat. & Trg)	0 days	0%	Fri 2/19/10	Fri 2/19/10
143	EDW	Testing Support (bug fix, refactoring, etc.)	15 days	0%	Mon 2/22/10	Fri 3/12/10
144	EDW	Re-Testing Support	10 days	0%	Mon 3/15/10	Fri 3/26/10
145	EDW	Extract available to MIS	0 days	0%	Fri 3/26/10	Fri 3/26/10
146	EDW	Business verification/approval	5 days	0%	Mon 3/29/10	Fri 4/2/10
147	EDW	MMS Extract Development Complete	0 days	0%	Fri 4/2/10	Fri 4/2/10
148	**EDW**	**MMS (Section 8) COP Report**	**307 days**	**0%**	**Fri 10/31/08**	**Mon 2/15/10**
149	EDW	MMS Source system data available	0 days	100%	Fri 10/31/08	Fri 10/31/08
150	EDW	Receive NOGRR Process Approval	0 days	0%	Tue 9/1/09	Tue 9/1/09
151	EDW	Reporting requirements approved and/or updated	43 days	0%	Tue 9/1/09	Fri 10/30/09
152	EDW	Design & Develop (tech spec, report, test cases)	11 days	0%	Mon 11/2/09	Mon 11/16/09
153	EDW	Test report - DEV	15 days	0%	Tue 11/17/09	Thu 12/10/09
154	EDW	Migrate report into FAT	2 days	0%	Fri 12/11/09	Mon 12/14/09
155	EDW	Test & receive approval of report in FAT	10 days	0%	Tue 12/15/09	Mon 1/11/10
156	EDW	Migrate extract into ITEST (App. Support Mat. & Trg)	5 days	0%	Tue 1/12/10	Mon 1/18/10
157	EDW	Deliver Migrated COP Extract into ITEST (App. Support Mat. & Trg)	0 days	0%	Mon 1/18/10	Mon 1/18/10
158	EDW	Testing Suppport (bug fixes & re-factoring)	15 days	0%	Tue 1/19/10	Mon 2/8/10



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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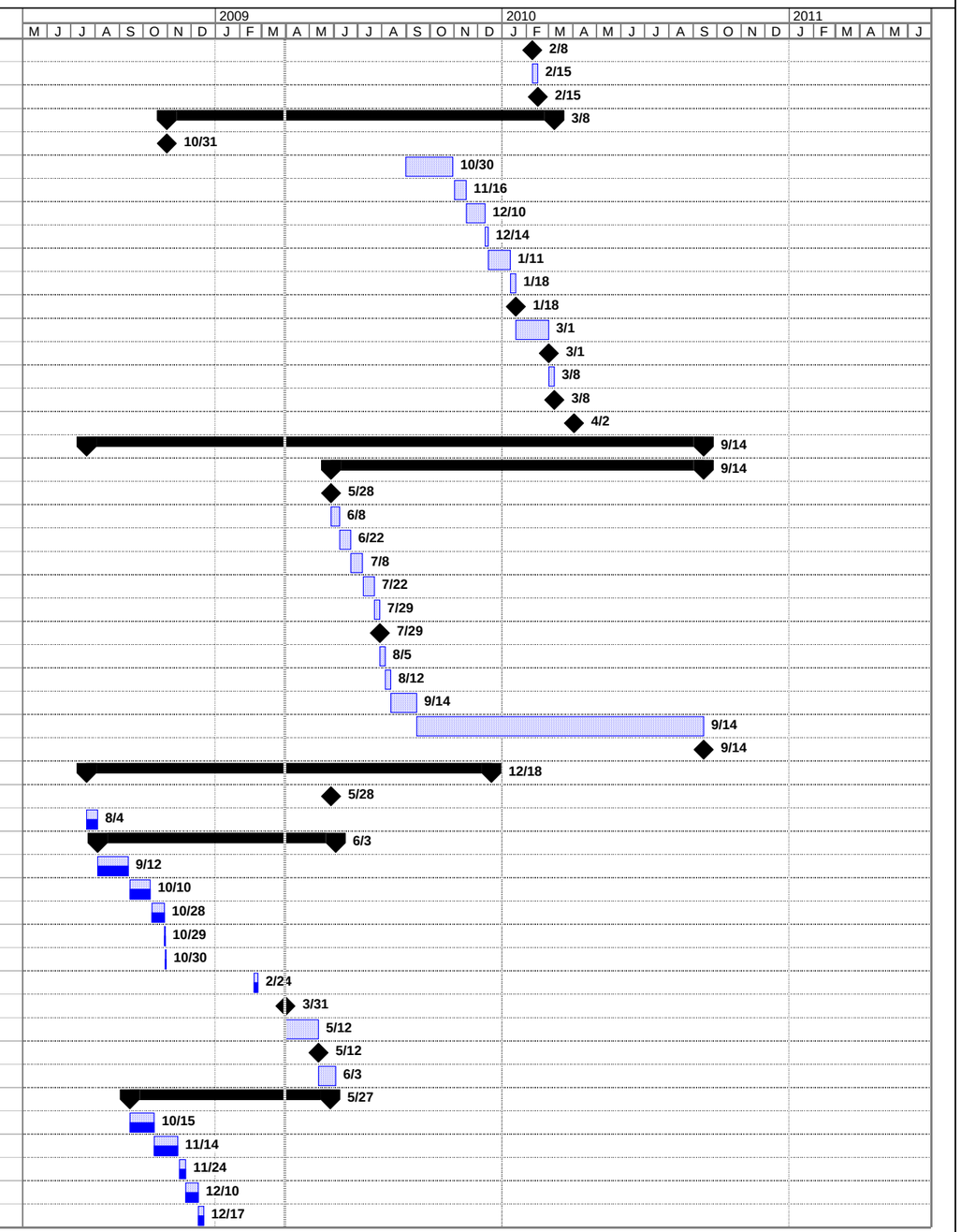
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
159	EDW	Report available to MIS	0 days	0%	Mon 2/8/10	Mon 2/8/10
160	EDW	Business verification/approval	5 days	0%	Tue 2/9/10	Mon 2/15/10
161	EDW	COP Report Complete	0 days	0%	Mon 2/15/10	Mon 2/15/10
162	**EDW**	**MMS (Section 8) RUC Report**	**322 days**	**0%**	**Fri 10/31/08**	**Mon 3/8/10**
163	EDW	MMS Source system data available	0 days	100%	Fri 10/31/08	Fri 10/31/08
164	EDW	Reporting requirements approved and/or updated	43 days	0%	Tue 9/1/09	Fri 10/30/09
165	EDW	Design & Develop (tech spec, report, test cases)	11 days	0%	Mon 11/2/09	Mon 11/16/09
166	EDW	Test report - DEV	15 days	0%	Tue 11/17/09	Thu 12/10/09
167	EDW	Migrate report into FAT	2 days	0%	Fri 12/11/09	Mon 12/14/09
168	EDW	Test & receive approval of report in FAT	10 days	0%	Tue 12/15/09	Mon 1/11/10
169	EDW	Migrate extract into ITEST (App. Support Mat. & Trg)	5 days	0%	Tue 1/12/10	Mon 1/18/10
170	EDW	Deliver Migrated RUC extract into ITEST (App. Support Mat. & Trg)	0 days	0%	Mon 1/18/10	Mon 1/18/10
171	EDW	Testing Support (bug fixes & re-factoring)	30 days	0%	Tue 1/19/10	Mon 3/1/10
172	EDW	Report available to MIS	0 days	0%	Mon 3/1/10	Mon 3/1/10
173	EDW	Business verification/approval	5 days	0%	Tue 3/2/10	Mon 3/8/10
174	EDW	RUC Report Complete	0 days	0%	Mon 3/8/10	Mon 3/8/10
175	EDW	MMS Release 1 Complete	0 days	0%	Fri 4/2/10	Fri 4/2/10
176	**EDW**	**MMS Release 2**	**528 days**	**24%**	**Tue 7/22/08**	**Tue 9/14/10**
177	**EDW**	**MMS Phase 2 Replication**	**320 days**	**0%**	**Thu 5/28/09**	**Tue 9/14/10**
179	EDW	Receive MMS source system envronment ready from MMS	0 days	0%	Thu 5/28/09	Thu 5/28/09
180	EDW	business requirements approved	7 days	0%	Fri 5/29/09	Mon 6/8/09
181	EDW	Create/ install source system bundle in FAT	10 days	0%	Tue 6/9/09	Mon 6/22/09
182	EDW	Create/ install target system bundle in FAT	11 days	0%	Tue 6/23/09	Wed 7/8/09
183	EDW	Test replication in FAT	10 days	0%	Thu 7/9/09	Wed 7/22/09
184	EDW	Development Complete ready for iTEST - MMS Phase 2 Replication	5 days	0%	Thu 7/23/09	Wed 7/29/09
185	EDW	Deliver Migrated Phase 2 Replication to iTEST	0 days	0%	Wed 7/29/09	Wed 7/29/09
186	EDW	install source system replication	5 days	0%	Thu 7/30/09	Wed 8/5/09
187	EDW	install target system replication	5 days	0%	Thu 8/6/09	Wed 8/12/09
188	EDW	Testing Support (bug fix, refactoring, etc.)	22 days	0%	Thu 8/13/09	Mon 9/14/09
189	EDW	Post MMS 5 (Patches 1..8) Testing Support (refactoring etc)	245 days	0%	Tue 9/15/09	Tue 9/14/10
190	EDW	MMS (Phase 2) replication complete	0 days	0%	Tue 9/14/10	Tue 9/14/10
191	**EDW**	**MMS NPRR102 Extracts (Normal-already have data available)**	**349 days**	**31%**	**Tue 7/22/08**	**Fri 12/18/09**
192	EDW	Receive MMS Source System Data replication available from MMS	0 days	0%	Thu 5/28/09	Thu 5/28/09
193	EDW	TPTF approval	10 days	100%	Tue 7/22/08	Mon 8/4/08
194	**EDW**	**Extracts Release 1 (9 Extracts)**	**202 days**	**59%**	**Tue 8/5/08**	**Wed 6/3/09**
195	EDW	Reporting requirements defined/approved	28 days	100%	Tue 8/5/08	Fri 9/12/08
196	EDW	Design & develop extract	20 days	100%	Mon 9/15/08	Fri 10/10/08
197	EDW	Test extracts & receive approval - DEV	12 days	100%	Mon 10/13/08	Tue 10/28/08
198	EDW	Migrate extracts into FAT	1 day	100%	Wed 10/29/08	Wed 10/29/08
199	EDW	Test extracts in FAT	1 day	100%	Thu 10/30/08	Thu 10/30/08
200	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 1	3 days	100%	Fri 2/20/09	Tue 2/24/09
201	EDW	Deliver Migrated Extracts Release 1 to iTEST	0 days	0%	Tue 3/31/09	Tue 3/31/09
202	EDW	Testing Support (bug fix, refactoring, etc.)	30 days	0%	Wed 4/1/09	Tue 5/12/09
203	EDW	Extracts available to MIS	0 days	0%	Tue 5/12/09	Tue 5/12/09
204	EDW	Business verification/approval	15 days	0%	Wed 5/13/09	Wed 6/3/09
205	**EDW**	**Extracts Release 2 (3 Extracts)**	**169 days**	**63%**	**Mon 9/15/08**	**Wed 5/27/09**
206	EDW	Reporting requirements & support	23 days	100%	Mon 9/15/08	Wed 10/15/08
207	EDW	Design & develop extract	22 days	100%	Thu 10/16/08	Fri 11/14/08
208	EDW	Test extract & receive approval - DEV	6 days	100%	Mon 11/17/08	Mon 11/24/08
209	EDW	Migrate extract into FAT	9 days	100%	Tue 11/25/08	Wed 12/10/08
210	EDW	Test extract in FAT	5 days	100%	Thu 12/11/08	Wed 12/17/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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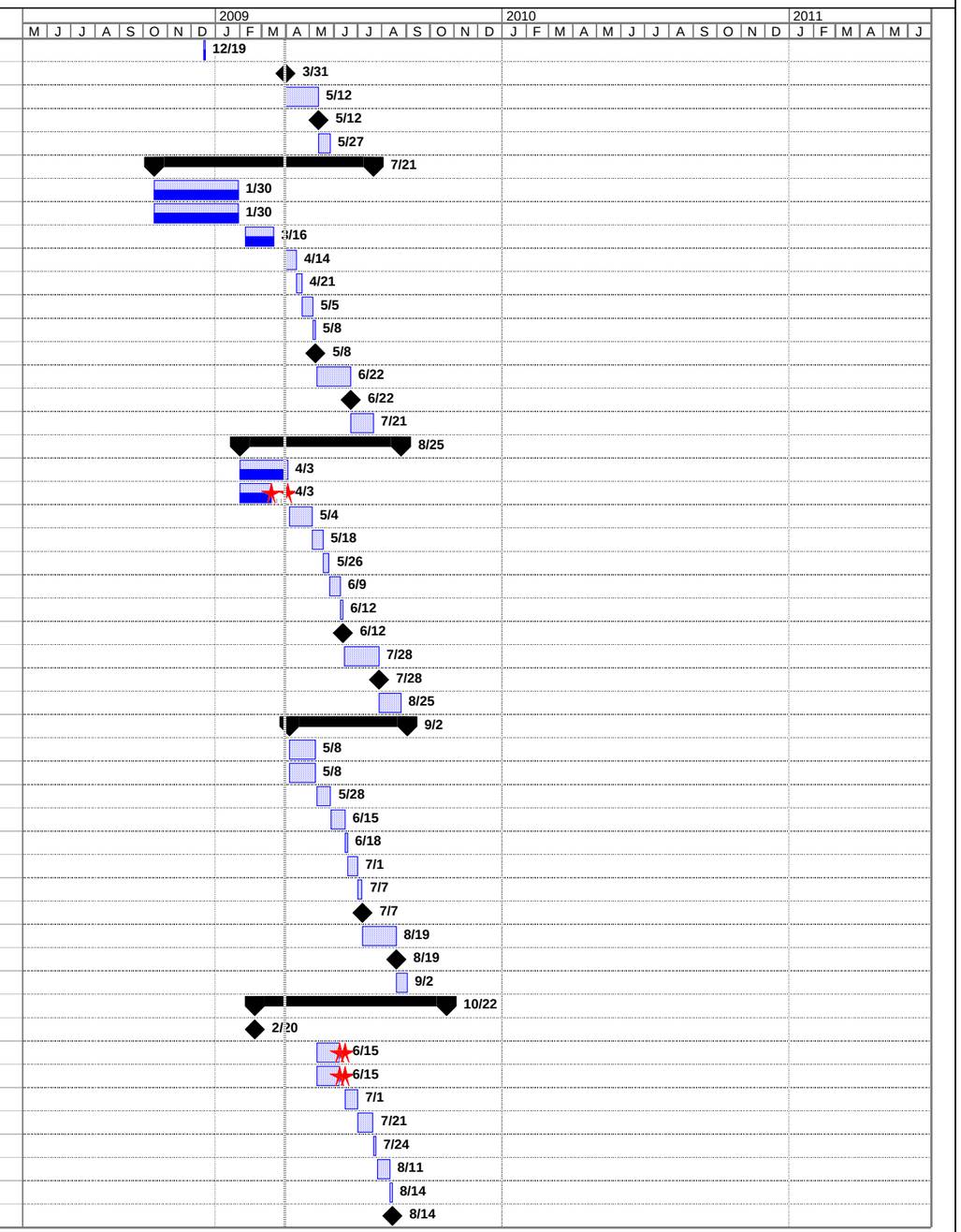
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
211	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 2	2 days	100%	Thu 12/18/08	Fri 12/19/08
212	EDW	Deliver Migrated Extracts Release 2 to iTEST	0 days	0%	Tue 3/31/09	Tue 3/31/09
213	EDW	Testing Support (bug fix, refactoring, etc.)	30 days	0%	Wed 4/1/09	Tue 5/12/09
214	EDW	Extracts available to MIS	0 days	0%	Tue 5/12/09	Tue 5/12/09
215	EDW	Business verification/approval	10 days	0%	Wed 5/13/09	Wed 5/27/09
216	**EDW**	**Extracts Release 3A (5 Extracts)**	**184 days**	**66%**	**Thu 10/16/08**	**Tue 7/21/09**
217	EDW	Aggregation Calculations	64 days	100%	Thu 10/16/08	Fri 1/30/09
218	EDW	Reporting requirements & support	64 days	100%	Thu 10/16/08	Fri 1/30/09
219	EDW	Design & develop extract	26 days	100%	Mon 2/9/09	Mon 3/16/09
220	EDW	Test extract & receive approval - DEV	10 days	0%	Wed 4/1/09	Tue 4/14/09
221	EDW	Migrate extract into FAT	5 days	0%	Wed 4/15/09	Tue 4/21/09
222	EDW	Test extract in FAT	10 days	0%	Wed 4/22/09	Tue 5/5/09
223	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 3A	3 days	0%	Wed 5/6/09	Fri 5/8/09
224	EDW	Deliver Migrated Extracts Release 3 to iTEST	0 days	0%	Fri 5/8/09	Fri 5/8/09
225	EDW	Testing Support (bug fix, refactoring, etc.)	30 days	0%	Mon 5/11/09	Mon 6/22/09
226	EDW	Extracts available to MIS	0 days	0%	Mon 6/22/09	Mon 6/22/09
227	EDW	Business verification/approval	20 days	0%	Tue 6/23/09	Tue 7/21/09
228	**EDW**	**Extracts Release 3B (5 Extracts)**	**145 days**	**37%**	**Mon 2/2/09**	**Tue 8/25/09**
229	EDW	Aggregation Calculations	45 days	89%	Mon 2/2/09	Fri 4/3/09
230	EDW	Reporting requirements & support	45 days	67%	Mon 2/2/09	Fri 4/3/09
231	EDW	Design & develop extract	21 days	0%	Mon 4/6/09	Mon 5/4/09
232	EDW	Test extract & receive approval - DEV	10 days	0%	Tue 5/5/09	Mon 5/18/09
233	EDW	Migrate extract into FAT	5 days	0%	Tue 5/19/09	Tue 5/26/09
234	EDW	Test extract in FAT	10 days	0%	Wed 5/27/09	Tue 6/9/09
235	EDW	Migrate extract into ITEST	3 days	0%	Wed 6/10/09	Fri 6/12/09
236	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 3B	0 days	0%	Fri 6/12/09	Fri 6/12/09
237	EDW	Testing Support (bug fix, refactoring, etc.)	31 days	0%	Mon 6/15/09	Tue 7/28/09
238	EDW	Extracts available to MIS	0 days	0%	Tue 7/28/09	Tue 7/28/09
239	EDW	Business verification/approval	20 days	0%	Wed 7/29/09	Tue 8/25/09
240	**EDW**	**Extracts Release 4 (4 Extracts)**	**106 days**	**0%**	**Mon 4/6/09**	**Wed 9/2/09**
241	EDW	Aggregation Calculations	25 days	0%	Mon 4/6/09	Fri 5/8/09
242	EDW	Reporting requirements & support	25 days	0%	Mon 4/6/09	Fri 5/8/09
243	EDW	Design & develop extract	13 days	0%	Mon 5/11/09	Thu 5/28/09
244	EDW	Test extract & receive approval - DEV	12 days	0%	Fri 5/29/09	Mon 6/15/09
245	EDW	Migrate extract into FAT	3 days	0%	Tue 6/16/09	Thu 6/18/09
246	EDW	Test extract in FAT	9 days	0%	Fri 6/19/09	Wed 7/1/09
247	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 4	3 days	0%	Thu 7/2/09	Tue 7/7/09
248	EDW	Deliver Migrated Extracts Release 4 to iTEST	0 days	0%	Tue 7/7/09	Tue 7/7/09
249	EDW	Testing Support (bug fix, refactoring, etc.)	31 days	0%	Wed 7/8/09	Wed 8/19/09
250	EDW	Extracts available to MIS	0 days	0%	Wed 8/19/09	Wed 8/19/09
251	EDW	Business verification/approval	10 days	0%	Thu 8/20/09	Wed 9/2/09
252	**EDW**	**Extracts Release 5 (6 Extracts)**	**171 days**	**0%**	**Fri 2/20/09**	**Thu 10/22/09**
254	EDW	Receive MMS4 P7: Installation in DEV & Smoke Test Complete from MMS	0 days	100%	Fri 2/20/09	Fri 2/20/09
255	EDW	Aggregation Calculations	25 days	0%	Mon 5/11/09	Mon 6/15/09
256	EDW	Reporting requirements & support	25 days	0%	Mon 5/11/09	Mon 6/15/09
257	EDW	Design & develop extract	12 days	0%	Tue 6/16/09	Wed 7/1/09
258	EDW	Test extract & receive approval - DEV	13 days	0%	Thu 7/2/09	Tue 7/21/09
259	EDW	Migrate extract into FAT	3 days	0%	Wed 7/22/09	Fri 7/24/09
260	EDW	Test extract in FAT	12 days	0%	Mon 7/27/09	Tue 8/11/09
261	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 5	3 days	0%	Wed 8/12/09	Fri 8/14/09
262	EDW	Deliver Migrated Extracts Release 5 to iTEST	0 days	0%	Fri 8/14/09	Fri 8/14/09



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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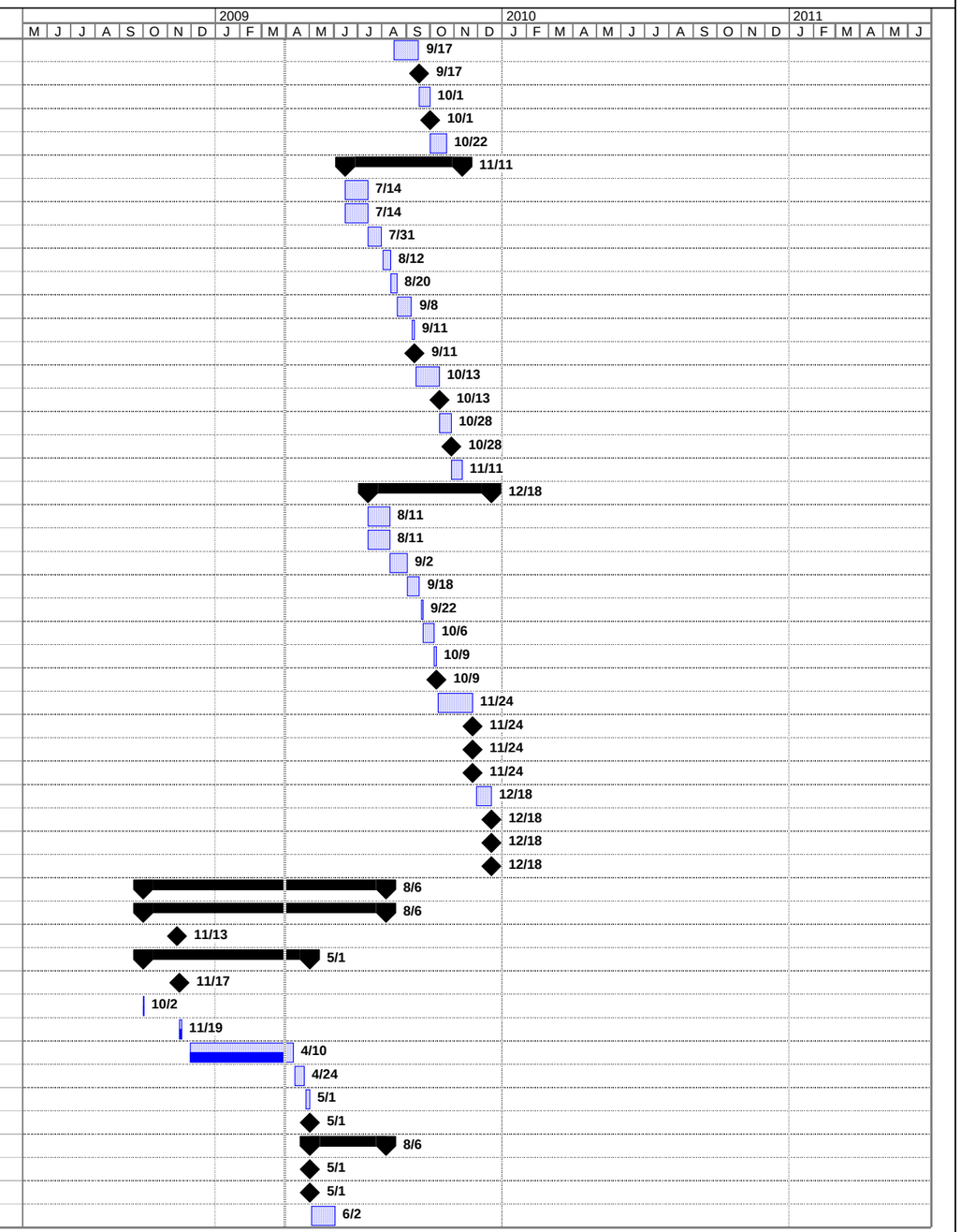
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
263	EDW	Testing Support (bug fix, refactoring, etc.)	23 days	0%	Mon 8/17/09	Thu 9/17/09
264	EDW	MMS Patch or enhancement is needed for completion (if needed)	0 days	0%	Thu 9/17/09	Thu 9/17/09
265	EDW	Re-testing Support	10 days	0%	Fri 9/18/09	Thu 10/1/09
266	EDW	Extracts available to MIS	0 days	0%	Thu 10/1/09	Thu 10/1/09
267	EDW	Business verification/approval	15 days	0%	Fri 10/2/09	Thu 10/22/09
268	**EDW**	**Extracts Release 6 (4 Extracts)**	**105 days**	**0%**	**Tue 6/16/09**	**Wed 11/11/09**
269	EDW	Aggregation Calculations	20 days	0%	Tue 6/16/09	Tue 7/14/09
270	EDW	Reporting requirements & support	20 days	0%	Tue 6/16/09	Tue 7/14/09
271	EDW	Design & develop extract	13 days	0%	Wed 7/15/09	Fri 7/31/09
272	EDW	Test extract & receive approval - DEV	8 days	0%	Mon 8/3/09	Wed 8/12/09
273	EDW	Migrate extract into FAT	6 days	0%	Thu 8/13/09	Thu 8/20/09
274	EDW	Test extract in FAT	12 days	0%	Fri 8/21/09	Tue 9/8/09
275	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 6	3 days	0%	Wed 9/9/09	Fri 9/11/09
276	EDW	Deliver Migrated Extracts Release 6 to iTEST	0 days	0%	Fri 9/11/09	Fri 9/11/09
277	EDW	Testing Support (bug fix, refactoring, etc.)	22 days	0%	Mon 9/14/09	Tue 10/13/09
278	EDW	MMS Patch or enhancement is needed for completion (if needed)	0 days	0%	Tue 10/13/09	Tue 10/13/09
279	EDW	Re-testing Support	11 days	0%	Wed 10/14/09	Wed 10/28/09
280	EDW	Extracts available to MIS	0 days	0%	Wed 10/28/09	Wed 10/28/09
281	EDW	Business verification/approval	10 days	0%	Thu 10/29/09	Wed 11/11/09
282	**EDW**	**Extracts Release 7 (12 Extracts)**	**109 days**	**0%**	**Wed 7/15/09**	**Fri 12/18/09**
283	EDW	Aggregation Calculations	20 days	0%	Wed 7/15/09	Tue 8/11/09
284	EDW	Reporting requirements & support	20 days	0%	Wed 7/15/09	Tue 8/11/09
285	EDW	Design & develop extract	16 days	0%	Wed 8/12/09	Wed 9/2/09
286	EDW	Test extract & receive approval - DEV	11 days	0%	Thu 9/3/09	Fri 9/18/09
287	EDW	Migrate extract into FAT	2 days	0%	Mon 9/21/09	Tue 9/22/09
288	EDW	Test extract in FAT	10 days	0%	Wed 9/23/09	Tue 10/6/09
289	EDW	Development Complete ready for iTEST - MMS NPPRR012 Extracts Release 7	3 days	0%	Wed 10/7/09	Fri 10/9/09
290	EDW	Deliver Migrated Extracts Release 7 to iTEST	0 days	0%	Fri 10/9/09	Fri 10/9/09
291	EDW	Testing Support (bug fix, refactoring, etc.)	32 days	0%	Mon 10/12/09	Tue 11/24/09
292	EDW	MMS Patch or enhancement is needed for completion (if needed)	0 days	0%	Tue 11/24/09	Tue 11/24/09
293	EDW	Re-testing Support	0 days	0%	Tue 11/24/09	Tue 11/24/09
294	EDW	Extracts available to MIS	0 days	0%	Tue 11/24/09	Tue 11/24/09
295	EDW	Business verification/approval	15 days	0%	Mon 11/30/09	Fri 12/18/09
296	EDW	MMS-NPRR102 Release Complete	0 days	0%	Fri 12/18/09	Fri 12/18/09
297	EDW	MMS Release 2 Complete	0 days	0%	Fri 12/18/09	Fri 12/18/09
298	EDW	EDW-MMS Complete	0 days	0%	Fri 12/18/09	Fri 12/18/09
299	**EDW**	**EDW-OS**	**206 days**	**46%**	**Thu 10/2/08**	**Thu 8/6/09**
300	**EDW**	**Release 1**	**206 days**	**46%**	**Thu 10/2/08**	**Thu 8/6/09**
302	EDW	Receive OS deployed in EDS (expected 7/15/08) from OS	0 days	100%	Thu 11/13/08	Thu 11/13/08
303	**EDW**	**OS replication: OS EDS to EDW ITEST**	**139 days**	**76%**	**Thu 10/2/08**	**Fri 5/1/09**
304	EDW	OS Source environment ready	0 days	100%	Mon 11/17/08	Mon 11/17/08
305	EDW	Business Requirements Approved	1 day	100%	Thu 10/2/08	Thu 10/2/08
306	EDW	Source System Replication Installed	3 days	100%	Mon 11/17/08	Wed 11/19/08
307	EDW	target system replication installed	85 days	88%	Mon 12/1/08	Fri 4/10/09
308	EDW	Testing Support (bug fix, refactoring, etc.)	10 days	0%	Mon 4/13/09	Fri 4/24/09
309	EDW	Business Approval	5 days	0%	Mon 4/27/09	Fri 5/1/09
310	EDW	Deliver OS replication complete to iTEST	0 days	0%	Fri 5/1/09	Fri 5/1/09
312	**EDW**	**Outage Scheduler Reports**	**67 days**	**0%**	**Fri 5/1/09**	**Thu 8/6/09**
313	EDW	OS Source system replication complete	0 days	0%	Fri 5/1/09	Fri 5/1/09
314	EDW	Pre-Migration Testing	0 days	0%	Fri 5/1/09	Fri 5/1/09
315	EDW	Development Complete ready for iTEST - OS Reports	21 days	0%	Mon 5/4/09	Tue 6/2/09



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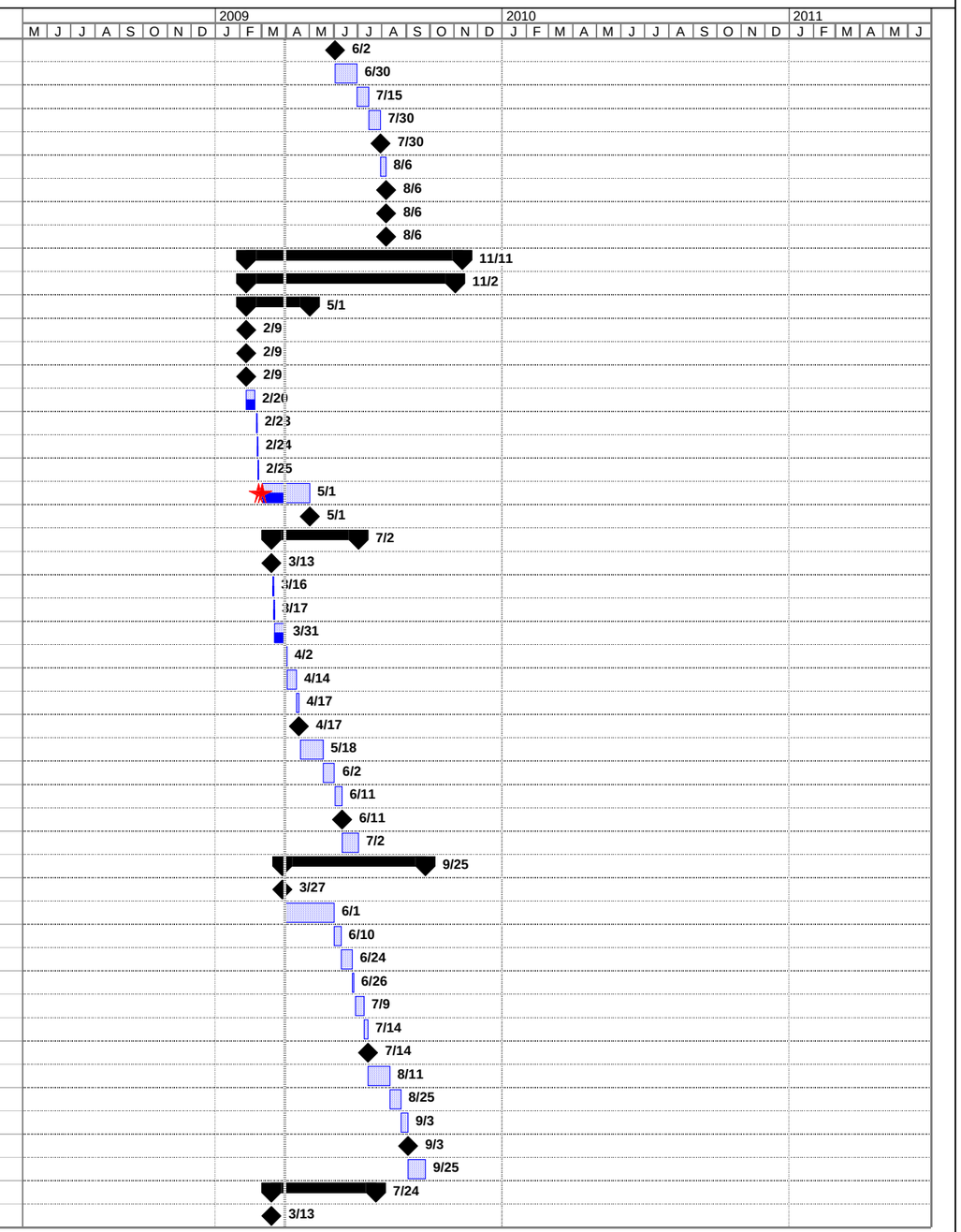
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
316	EDW	Deliver Migrated Extracts (Outage Scheduler Reports) to iTEST	0 days	0%	Tue 6/2/09	Tue 6/2/09
318	EDW	Testing Support (bug fix, refactoring, etc.)	20 days	0%	Wed 6/3/09	Tue 6/30/09
319	EDW	OS patch/enhancement needed for completion (if needed)	10 days	0%	Wed 7/1/09	Wed 7/15/09
320	EDW	Re-Testing Support	11 days	0%	Thu 7/16/09	Thu 7/30/09
321	EDW	Reports available to MIS	0 days	0%	Thu 7/30/09	Thu 7/30/09
322	EDW	Business verification/approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
323	EDW	Outage Scheduler Reports Complete	0 days	0%	Thu 8/6/09	Thu 8/6/09
324	EDW	OS Release 1 Complete	0 days	0%	Thu 8/6/09	Thu 8/6/09
325	EDW	EDW-OS Complete	0 days	0%	Thu 8/6/09	Thu 8/6/09
326	**EDW**	**EDW-EMS**	**194 days**	**5%**	**Mon 2/9/09**	**Wed 11/11/09**
327	**EDW**	**Release 1**	**187 days**	**5%**	**Mon 2/9/09**	**Mon 11/2/09**
328	**EDW**	**EMS Ph 3 replication: EMS EDS to EDW ITEST**	**59 days**	**58%**	**Mon 2/9/09**	**Fri 5/1/09**
330	EDW	Receive Phase 3 Source Environment from EMS	0 days	100%	Mon 2/9/09	Mon 2/9/09
331	EDW	Receive Interface 7 Release from EMS	0 days	100%	Mon 2/9/09	Mon 2/9/09
332	EDW	Receive Phase 3 EMS Replication - Comprehensive Reporting Tableset (Need from EMS FAT & get info from IN	0 days	100%	Mon 2/9/09	Mon 2/9/09
333	EDW	EMS Phase 3 Source environment ready	9 days	100%	Tue 2/10/09	Fri 2/20/09
334	EDW	business requirements approved	1 day	100%	Mon 2/23/09	Mon 2/23/09
335	EDW	source system replication installed	1 day	100%	Tue 2/24/09	Tue 2/24/09
336	EDW	target system replication installed	1 day	100%	Wed 2/25/09	Wed 2/25/09
337	EDW	Replication Testing Support (bug fix, refactoring, etc.)	47 days	47%	Thu 2/26/09	Fri 5/1/09
338	EDW	Deliver EMS replication complete to iTEST	0 days	0%	Fri 5/1/09	Fri 5/1/09
340	**EDW**	**State Estimator Statistics Extract EMS Phase 3 Additions/Deletions (SESTATS EXTRACT NP3 - 3XX - EX) Extr**	**78 days**	**13%**	**Fri 3/13/09**	**Thu 7/2/09**
342	EDW	Receive EMS Phase 3 Additions/Deletions (SESTATS EXTRACT NP3 - 3XX - EX) Extract Requirements From E	0 days	100%	Fri 3/13/09	Fri 3/13/09
343	EDW	Extract requirements approved and/or updated	1 day	100%	Mon 3/16/09	Mon 3/16/09
344	EDW	Design & Develop (tech spec, report, test cases)	1 day	100%	Tue 3/17/09	Tue 3/17/09
345	EDW	Test & receive approval of extract - DEV	10 days	80%	Wed 3/18/09	Tue 3/31/09
346	EDW	Migrate extract into FAT	2 days	0%	Wed 4/1/09	Thu 4/2/09
347	EDW	Test & receive approval of extract in FAT	8 days	0%	Fri 4/3/09	Tue 4/14/09
348	EDW	Development Complete ready for iTEST	3 days	0%	Wed 4/15/09	Fri 4/17/09
349	EDW	Deliver State Estimator Statistics Extract EMS Phase 3 Additions/Deletions (SESTATS EXTRACT NP3 - 3XX - E	0 days	0%	Fri 4/17/09	Fri 4/17/09
350	EDW	Testing Support	21 days	0%	Mon 4/20/09	Mon 5/18/09
351	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Tue 5/19/09	Tue 6/2/09
352	EDW	Re-Testing Support	7 days	0%	Wed 6/3/09	Thu 6/11/09
353	EDW	Extract available to MIS	0 days	0%	Thu 6/11/09	Thu 6/11/09
354	EDW	Business approval	15 days	0%	Fri 6/12/09	Thu 7/2/09
355	**EDW**	**Dynamically Adjusted Transmission Elements (NP6 - 216 - ER) Single Report**	**127 days**	**0%**	**Fri 3/27/09**	**Fri 9/25/09**
357	EDW	Receive Dynamically Adjusted Transmission Elements (NP6 - 216 - ER) Single Report Requirements From EMS	0 days	0%	Fri 3/27/09	Fri 3/27/09
358	EDW	Reporting requirements approved and/or updated	45 days	0%	Mon 3/30/09	Mon 6/1/09
359	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Tue 6/2/09	Wed 6/10/09
360	EDW	Test & receive approval of report - DEV	10 days	0%	Thu 6/11/09	Wed 6/24/09
361	EDW	Migrate report into FAT	2 days	0%	Thu 6/25/09	Fri 6/26/09
362	EDW	Test & receive approval of report in FAT	8 days	0%	Mon 6/29/09	Thu 7/9/09
363	EDW	Development Complete ready for iTEST	3 days	0%	Fri 7/10/09	Tue 7/14/09
364	EDW	Deliver Dynamically Adjusted Transmission Elements (NP6 - 216 - ER) Single Report (ITEST)	0 days	0%	Tue 7/14/09	Tue 7/14/09
365	EDW	Testing Support	20 days	0%	Wed 7/15/09	Tue 8/11/09
366	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Wed 8/12/09	Tue 8/25/09
367	EDW	Re-Testing Support	7 days	0%	Wed 8/26/09	Thu 9/3/09
368	EDW	Reports available to MIS	0 days	0%	Thu 9/3/09	Thu 9/3/09
369	EDW	Business approval	15 days	0%	Fri 9/4/09	Fri 9/25/09
370	**EDW**	**State Estimator Reporting Suite - Voltage Residuals Vs. Telemetry for Critical Busses (NP3-582-ER) Report**	**93 days**	**11%**	**Fri 3/13/09**	**Fri 7/24/09**
372	EDW	Receive Voltage Residuals Vs. Telemetry for Critical Busses (NP3-582-ER) Report Requirements From EMS Bu	0 days	100%	Fri 3/13/09	Fri 3/13/09



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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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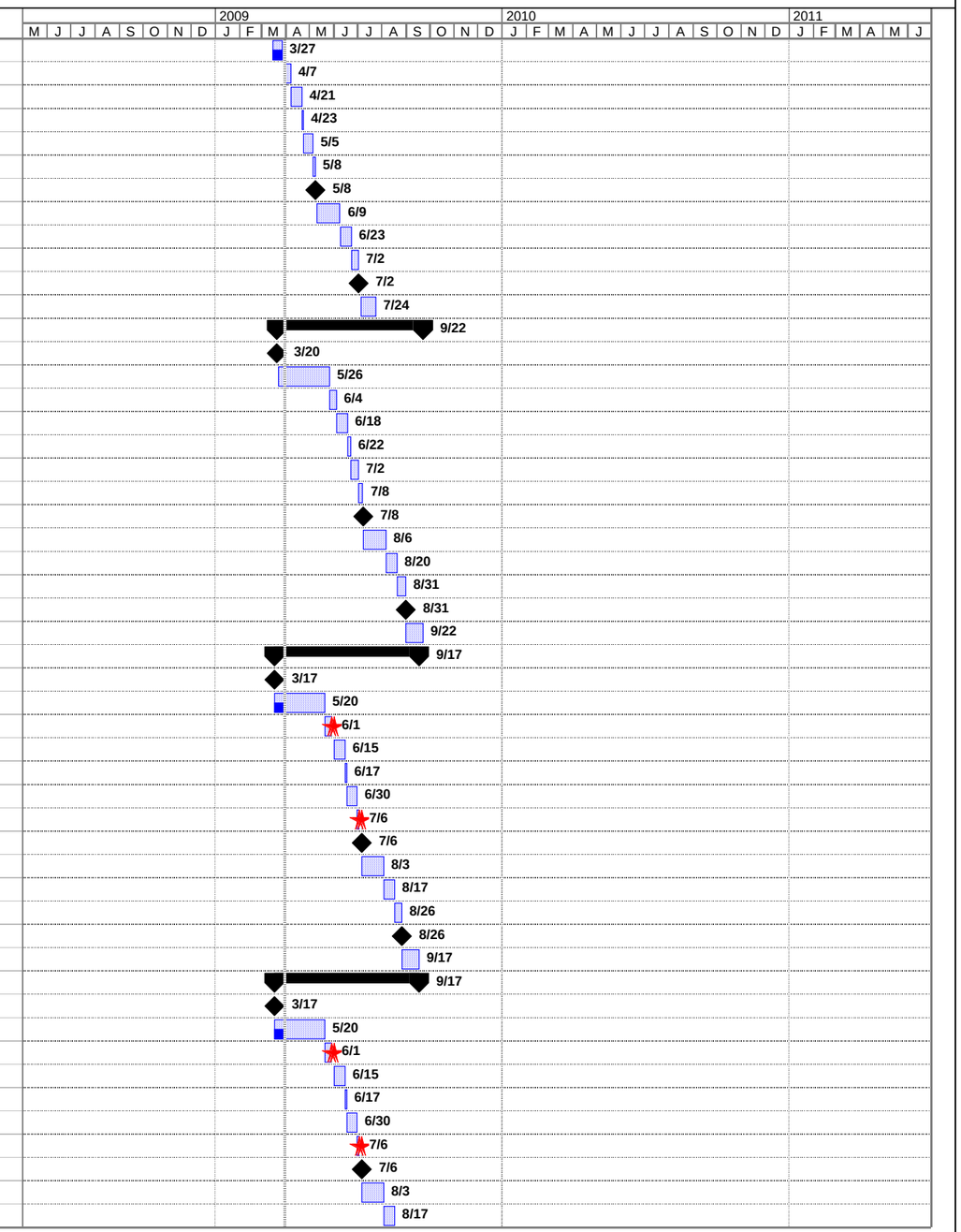
373	EDW	Reporting requirements approved and/or updated	10 days	100%	Mon 3/16/09	Fri 3/27/09
374	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Mon 3/30/09	Tue 4/7/09
375	EDW	Test & receive approval of report - DEV	10 days	0%	Wed 4/8/09	Tue 4/21/09
376	EDW	Migrate report into FAT	2 days	0%	Wed 4/22/09	Thu 4/23/09
377	EDW	Test & receive approval of report in FAT	8 days	0%	Fri 4/24/09	Tue 5/5/09
378	EDW	Development Complete ready for iTEST	3 days	0%	Wed 5/6/09	Fri 5/8/09
379	EDW	Deliver Voltage Residuals Vs. Telemetry for Critical Busses (NP3-582-ER) Report (ITEST)	0 days	0%	Fri 5/8/09	Fri 5/8/09
380	EDW	Testing Support	21 days	0%	Mon 5/11/09	Tue 6/9/09
381	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Wed 6/10/09	Tue 6/23/09
382	EDW	Re-Testing Support	7 days	0%	Wed 6/24/09	Thu 7/2/09
383	EDW	Reports available to MIS	0 days	0%	Thu 7/2/09	Thu 7/2/09
384	EDW	Business approval	15 days	0%	Mon 7/6/09	Fri 7/24/09
385	**EDW**	**State Estimator Reporting Suite - MW Residuals SE Vs RTCA Base case for Congested Transmission Elemen**	**129 days**	**0%**	**Fri 3/20/09**	**Tue 9/22/09**
387	EDW	Receive MW Residuals SE Vs RTCA Base case for Congested Transmission Elements (NP3 - 579 - ER) Repor	0 days	0%	Fri 3/20/09	Fri 3/20/09
388	EDW	Reporting requirements approved and/or updated	46 days	0%	Mon 3/23/09	Tue 5/26/09
389	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Wed 5/27/09	Thu 6/4/09
390	EDW	Test & receive approval of report - DEV	10 days	0%	Fri 6/5/09	Thu 6/18/09
391	EDW	Migrate report into FAT	2 days	0%	Fri 6/19/09	Mon 6/22/09
392	EDW	Test & receive approval of report in FAT	8 days	0%	Tue 6/23/09	Thu 7/2/09
393	EDW	Development Complete ready for iTEST	3 days	0%	Fri 7/3/09	Wed 7/8/09
394	EDW	Deliver MW Residuals SE Vs RTCA Base case for Congested Transmission Elements (NP3 - 579 - ER) Report	0 days	0%	Wed 7/8/09	Wed 7/8/09
395	EDW	Testing Support	21 days	0%	Thu 7/9/09	Thu 8/6/09
396	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Fri 8/7/09	Thu 8/20/09
397	EDW	Re-Testing Support	7 days	0%	Fri 8/21/09	Mon 8/31/09
398	EDW	Reports available to MIS	0 days	0%	Mon 8/31/09	Mon 8/31/09
399	EDW	Business approval	15 days	0%	Tue 9/1/09	Tue 9/22/09
400	**EDW**	**Telemetry Reporting Suite - ICCP Link Availability Statistics (NP8 - 284 - ER) Report**	**129 days**	**6%**	**Tue 3/17/09**	**Thu 9/17/09**
402	EDW	Receive ICCP Link Availability Statistics (NP8 - 284 - ER) Report Requirements From EMS Business	0 days	100%	Tue 3/17/09	Tue 3/17/09
403	EDW	Reporting requirements approved and/or updated	46 days	17%	Wed 3/18/09	Wed 5/20/09
404	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Thu 5/21/09	Mon 6/1/09
405	EDW	Test & receive approval of report - DEV	10 days	0%	Tue 6/2/09	Mon 6/15/09
406	EDW	Migrate report into FAT	2 days	0%	Tue 6/16/09	Wed 6/17/09
407	EDW	Test & receive approval of report in FAT	9 days	0%	Thu 6/18/09	Tue 6/30/09
408	EDW	Development Complete ready for iTEST	3 days	0%	Wed 7/1/09	Mon 7/6/09
409	EDW	Deliver ICCP Link Availability Statistics Report (NP8 - 284 - ER) Report (ITEST)	0 days	0%	Mon 7/6/09	Mon 7/6/09
410	EDW	Testing Support	20 days	0%	Tue 7/7/09	Mon 8/3/09
411	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Tue 8/4/09	Mon 8/17/09
412	EDW	Re-Testing Support	7 days	0%	Tue 8/18/09	Wed 8/26/09
413	EDW	Reports available to MIS	0 days	0%	Wed 8/26/09	Wed 8/26/09
414	EDW	Business approval	15 days	0%	Thu 8/27/09	Thu 9/17/09
415	**EDW**	**Telemetry Reporting Suite - QSE ICCP Link Availability (NP8 - 472 -ER) Report**	**129 days**	**6%**	**Tue 3/17/09**	**Thu 9/17/09**
417	EDW	Receive QSE ICCP Link Availability (NP8 - 472 -ER) Report Requirements From EMS Business	0 days	100%	Tue 3/17/09	Tue 3/17/09
418	EDW	Reporting requirements approved and/or updated	46 days	17%	Wed 3/18/09	Wed 5/20/09
419	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Thu 5/21/09	Mon 6/1/09
420	EDW	Test & receive approval of report - DEV	10 days	0%	Tue 6/2/09	Mon 6/15/09
421	EDW	Migrate report into FAT	2 days	0%	Tue 6/16/09	Wed 6/17/09
422	EDW	Test & receive approval of report in FAT	9 days	0%	Thu 6/18/09	Tue 6/30/09
423	EDW	Development Complete ready for iTEST	3 days	0%	Wed 7/1/09	Mon 7/6/09
424	EDW	Deliver QSE ICCP Link Availability (NP8 - 472 -ER) Report (ITEST)	0 days	0%	Mon 7/6/09	Mon 7/6/09
425	EDW	Testing Support	20 days	0%	Tue 7/7/09	Mon 8/3/09
426	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Tue 8/4/09	Mon 8/17/09



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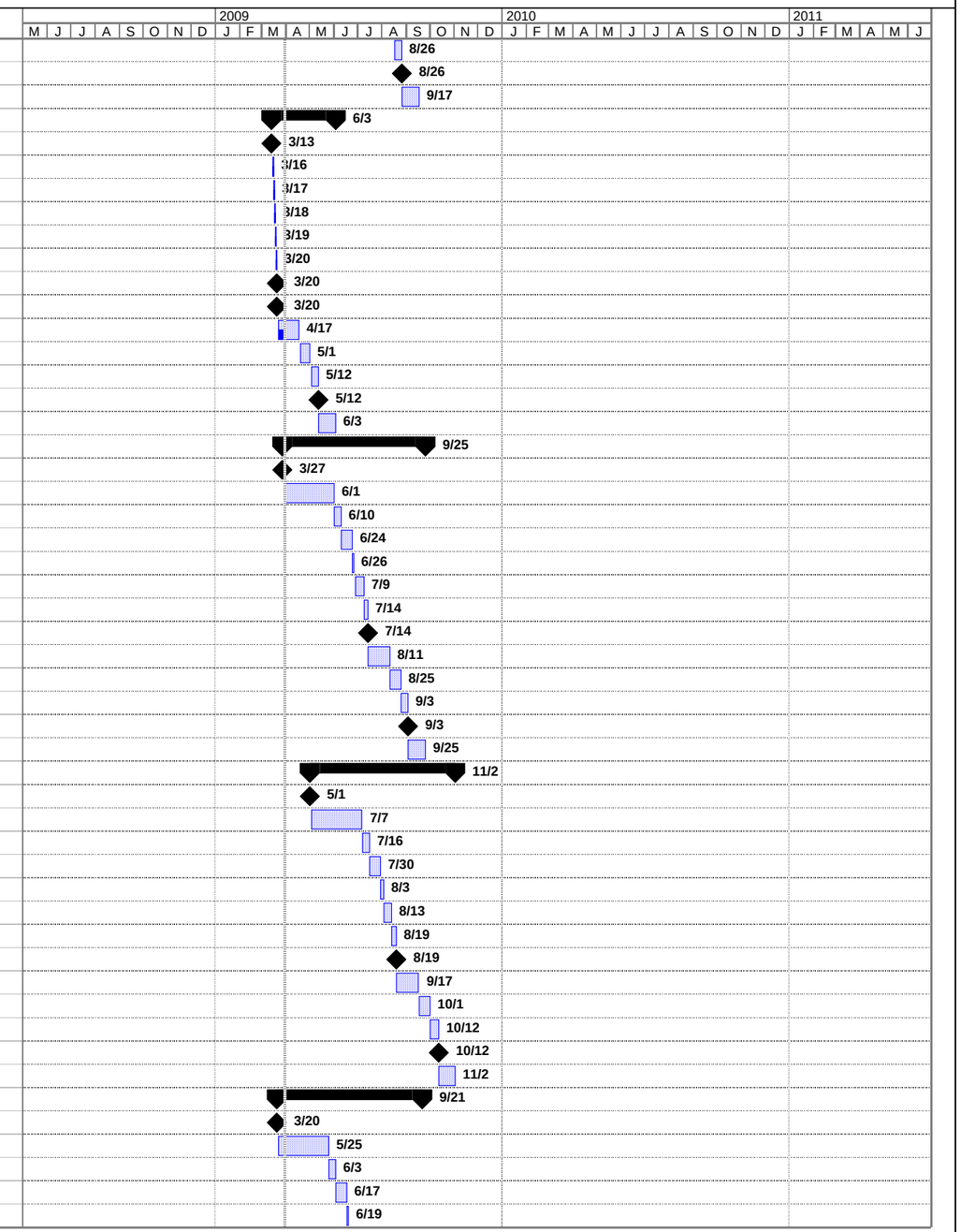
427	EDW	Re-Testing Support	7 days	0%	Tue 8/18/09	Wed 8/26/09
428	EDW	Reports available to MIS	0 days	0%	Wed 8/26/09	Wed 8/26/09
429	EDW	Business approval	15 days	0%	Thu 8/27/09	Thu 9/17/09
430	**EDW**	**Regulation Reporting Suite - Total Amount of Regulation Service Deployed (NP6 - 654 - ER) Report**	**57 days**	**18%**	**Fri 3/13/09**	**Wed 6/3/09**
432	EDW	Receive Total Amount of Regulation Service Deployed (NP6 - 654 - ER) Report Requirements From EMS Busin	0 days	100%	Fri 3/13/09	Fri 3/13/09
433	EDW	Reporting requirements approved and/or updated	1 day	100%	Mon 3/16/09	Mon 3/16/09
434	EDW	Design & Develop (tech spec, report, test cases)	1 day	100%	Tue 3/17/09	Tue 3/17/09
435	EDW	Test & receive approval of report - DEV	1 day	100%	Wed 3/18/09	Wed 3/18/09
436	EDW	Migrate report into FAT	1 day	100%	Thu 3/19/09	Thu 3/19/09
437	EDW	Test & receive approval of report in FAT	1 day	100%	Fri 3/20/09	Fri 3/20/09
438	EDW	Development Complete ready for iTEST	0 days	100%	Fri 3/20/09	Fri 3/20/09
439	EDW	Change Name: Deliver Total Amount of Regulation Service Deployed (NP6 - 654 - ER) Report (ITEST)	0 days	100%	Fri 3/20/09	Fri 3/20/09
440	EDW	Testing Support	20 days	25%	Mon 3/23/09	Fri 4/17/09
441	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Mon 4/20/09	Fri 5/1/09
442	EDW	Re-Testing Support	7 days	0%	Mon 5/4/09	Tue 5/12/09
443	EDW	Reports available to MIS	0 days	0%	Tue 5/12/09	Tue 5/12/09
444	EDW	Business approval	15 days	0%	Wed 5/13/09	Wed 6/3/09
445	**EDW**	**Regulation Reporting Suite - Provided Regulation (NP8 - 501 - ER) Report**	**127 days**	**0%**	**Fri 3/27/09**	**Fri 9/25/09**
447	EDW	Receive Provided Regulation (NP8 - 501 - ER) Report Requirements From EMS Business	0 days	0%	Fri 3/27/09	Fri 3/27/09
448	EDW	Reporting requirements approved and/or updated	45 days	0%	Mon 3/30/09	Mon 6/1/09
449	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Tue 6/2/09	Wed 6/10/09
450	EDW	Test & receive approval of report - DEV	10 days	0%	Thu 6/11/09	Wed 6/24/09
451	EDW	Migrate report into FAT	2 days	0%	Thu 6/25/09	Fri 6/26/09
452	EDW	Test & receive approval of report in FAT	8 days	0%	Mon 6/29/09	Thu 7/9/09
453	EDW	Development Complete ready for iTEST	3 days	0%	Fri 7/10/09	Tue 7/14/09
454	EDW	Deliver Provided Regulation (NP8 - 501 - ER) Report (ITEST)	0 days	0%	Tue 7/14/09	Tue 7/14/09
455	EDW	Testing Support	20 days	0%	Wed 7/15/09	Tue 8/11/09
456	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Wed 8/12/09	Tue 8/25/09
457	EDW	Re-Testing Support	7 days	0%	Wed 8/26/09	Thu 9/3/09
458	EDW	Reports available to MIS	0 days	0%	Thu 9/3/09	Thu 9/3/09
459	EDW	Business approval	15 days	0%	Fri 9/4/09	Fri 9/25/09
460	**EDW**	**Non-Spin Suite - Non-Spin Performance Report (NP8 - 383 - ER) Report**	**128 days**	**0%**	**Fri 5/1/09**	**Mon 11/2/09**
462	EDW	Receive Non-Spin Performance Report (NP8 - 383 - ER) Report Requirements From EMS Business	0 days	0%	Fri 5/1/09	Fri 5/1/09
463	EDW	Reporting requirements approved and/or updated	45 days	0%	Mon 5/4/09	Tue 7/7/09
464	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Wed 7/8/09	Thu 7/16/09
465	EDW	Test & receive approval of report - DEV	10 days	0%	Fri 7/17/09	Thu 7/30/09
466	EDW	Migrate report into FAT	2 days	0%	Fri 7/31/09	Mon 8/3/09
467	EDW	Test & receive approval of report in FAT	8 days	0%	Tue 8/4/09	Thu 8/13/09
468	EDW	Development Complete ready for iTEST	4 days	0%	Fri 8/14/09	Wed 8/19/09
469	EDW	Deliver Non-Spin Performance Report (NP8 - 383 - ER) Report (ITEST)	0 days	0%	Wed 8/19/09	Wed 8/19/09
470	EDW	Testing Support	20 days	0%	Thu 8/20/09	Thu 9/17/09
471	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Fri 9/18/09	Thu 10/1/09
472	EDW	Re-Testing Support	7 days	0%	Fri 10/2/09	Mon 10/12/09
473	EDW	Reports available to MIS	0 days	0%	Mon 10/12/09	Mon 10/12/09
474	EDW	Business approval	15 days	0%	Tue 10/13/09	Mon 11/2/09
475	**EDW**	**Non-Spin Suite - Historic Non-Spin Availability (NP8 - 504 - ER) Report**	**128 days**	**0%**	**Fri 3/20/09**	**Mon 9/21/09**
477	EDW	Receive Historic Non-Spin Availability (NP8 - 504 - ER) Report Requirements From EMS Business	0 days	0%	Fri 3/20/09	Fri 3/20/09
478	EDW	Reporting requirements approved and/or updated	45 days	0%	Mon 3/23/09	Mon 5/25/09
479	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Tue 5/26/09	Wed 6/3/09
480	EDW	Test & receive approval of report - DEV	10 days	0%	Thu 6/4/09	Wed 6/17/09
481	EDW	Migrate report into FAT	2 days	0%	Thu 6/18/09	Fri 6/19/09



Project: Nodal Program
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Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
Task Progress | Milestone | Rolled Up Critical Task | Split | Group By Summary
Critical Task (20d) | Summary | Rolled Up Milestone | External Tasks | Deadline

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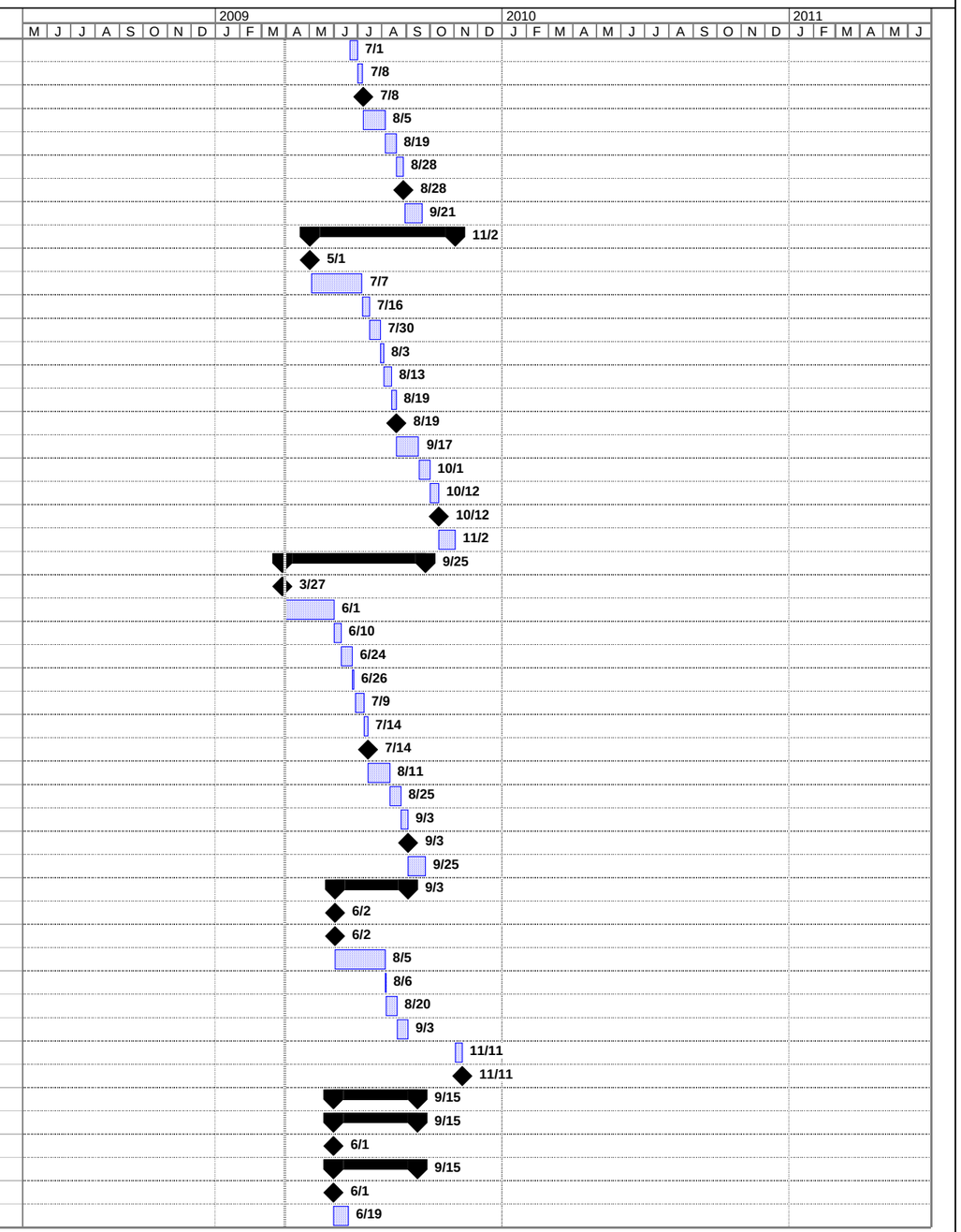
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
482	EDW	Test & receive approval of report in FAT	8 days	0%	Mon 6/22/09	Wed 7/1/09
483	EDW	Development Complete ready for iTEST	4 days	0%	Thu 7/2/09	Wed 7/8/09
484	EDW	Deliver Historic Non-Spin Availability (NP8 - 504 - ER) Report (ITEST)	0 days	0%	Wed 7/8/09	Wed 7/8/09
485	EDW	Testing Support	20 days	0%	Thu 7/9/09	Wed 8/5/09
486	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Thu 8/6/09	Wed 8/19/09
487	EDW	Re-Testing Support	7 days	0%	Thu 8/20/09	Fri 8/28/09
488	EDW	Reports available to MIS	0 days	0%	Fri 8/28/09	Fri 8/28/09
489	EDW	Business approval	15 days	0%	Mon 8/31/09	Mon 9/21/09
490	**EDW**	**Responsive Reserve Suite - Responsive Reserve Performance Report (NP8 - 541 - ER) Report**	**128 days**	**0%**	**Fri 5/1/09**	**Mon 11/2/09**
492	EDW	Receive Responsive Reserve Performance Report (NP8 - 541 - ER) Report Requirements From EMS Business	0 days	0%	Fri 5/1/09	Fri 5/1/09
493	EDW	Reporting requirements approved and/or updated	45 days	0%	Mon 5/4/09	Tue 7/7/09
494	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Wed 7/8/09	Thu 7/16/09
495	EDW	Test & receive approval of report - DEV	10 days	0%	Fri 7/17/09	Thu 7/30/09
496	EDW	Migrate report into FAT	2 days	0%	Fri 7/31/09	Mon 8/3/09
497	EDW	Test & receive approval of report in FAT	8 days	0%	Tue 8/4/09	Thu 8/13/09
498	EDW	Development Complete ready for iTEST	4 days	0%	Fri 8/14/09	Wed 8/19/09
499	EDW	Deliver Responsive Reserve Performance Report (NP8 - 541 - ER) Report (ITEST)	0 days	0%	Wed 8/19/09	Wed 8/19/09
500	EDW	Testing Support	20 days	0%	Thu 8/20/09	Thu 9/17/09
501	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Fri 9/18/09	Thu 10/1/09
502	EDW	Re-Testing Support	7 days	0%	Fri 10/2/09	Mon 10/12/09
503	EDW	Reports available to MIS	0 days	0%	Mon 10/12/09	Mon 10/12/09
504	EDW	Business approval	15 days	0%	Tue 10/13/09	Mon 11/2/09
505	**EDW**	**Responsive Reserve Suite - Responsive reserve availability (NP8 - 542 - ER) Report**	**127 days**	**0%**	**Fri 3/27/09**	**Fri 9/25/09**
507	EDW	Receive Responsive reserve availability (NP8 - 542 - ER) Report Requirements From EMS Business	0 days	0%	Fri 3/27/09	Fri 3/27/09
508	EDW	Reporting requirements approved and/or updated	45 days	0%	Mon 3/30/09	Mon 6/1/09
509	EDW	Design & Develop (tech spec, report, test cases)	7 days	0%	Tue 6/2/09	Wed 6/10/09
510	EDW	Test & receive approval of report - DEV	10 days	0%	Thu 6/11/09	Wed 6/24/09
511	EDW	Migrate report into FAT	2 days	0%	Thu 6/25/09	Fri 6/26/09
512	EDW	Test & receive approval of report in FAT	8 days	0%	Mon 6/29/09	Thu 7/9/09
513	EDW	Development Complete ready for iTEST	3 days	0%	Fri 7/10/09	Tue 7/14/09
514	EDW	Deliver Responsive reserve availability (NP8 - 542 - ER) Report (ITEST)	0 days	0%	Tue 7/14/09	Tue 7/14/09
515	EDW	Testing Support	20 days	0%	Wed 7/15/09	Tue 8/11/09
516	EDW	EMS patch/enhancement needed for completion (if needed)	10 days	0%	Wed 8/12/09	Tue 8/25/09
517	EDW	Re-Testing Support	7 days	0%	Wed 8/26/09	Thu 9/3/09
518	EDW	Reports available to MIS	0 days	0%	Thu 9/3/09	Thu 9/3/09
519	EDW	Business approval	15 days	0%	Fri 9/4/09	Fri 9/25/09
520	**EDW**	**EMS Ph 4 replication: EMS EDS to EDW ITEST**	**66 days**	**0%**	**Tue 6/2/09**	**Thu 9/3/09**
522	EDW	Receive Phase 4 Technical Spec	0 days	0%	Tue 6/2/09	Tue 6/2/09
523	EDW	Receive Phase 4 EMS Replication Section 17 Compliance Tableset Delta (Need from EMS FAT & get info from I	0 days	0%	Tue 6/2/09	Tue 6/2/09
524	EDW	EMS Phase 4 Source environment ready	45 days	0%	Wed 6/3/09	Wed 8/5/09
525	EDW	business requirements approved	1 day	0%	Thu 8/6/09	Thu 8/6/09
526	EDW	target system replication installed	10 days	0%	Fri 8/7/09	Thu 8/20/09
527	EDW	Replication Testing Support (bug fix, refactoring, etc.)	10 days	0%	Fri 8/21/09	Thu 9/3/09
528	EDW	EMS Release 1 Complete	7 days	0%	Tue 11/3/09	Wed 11/11/09
529	EDW	EDW-EMS Complete	0 days	0%	Wed 11/11/09	Wed 11/11/09
530	**EDW**	**EDW-CMM**	**75 days**	**0%**	**Mon 6/1/09**	**Tue 9/15/09**
531	**EDW**	**CMM Release 1**	**75 days**	**0%**	**Mon 6/1/09**	**Tue 9/15/09**
532	EDW	Receive CMM deployed in iTest from COMS	0 days	0%	Mon 6/1/09	Mon 6/1/09
533	**EDW**	**CMM replication: CMM EDS to EDW ITEST**	**75 days**	**0%**	**Mon 6/1/09**	**Tue 9/15/09**
534	EDW	Source environment ready	0 days	0%	Mon 6/1/09	Mon 6/1/09
535	EDW	source system replication installed	15 days	0%	Mon 6/1/09	Fri 6/19/09



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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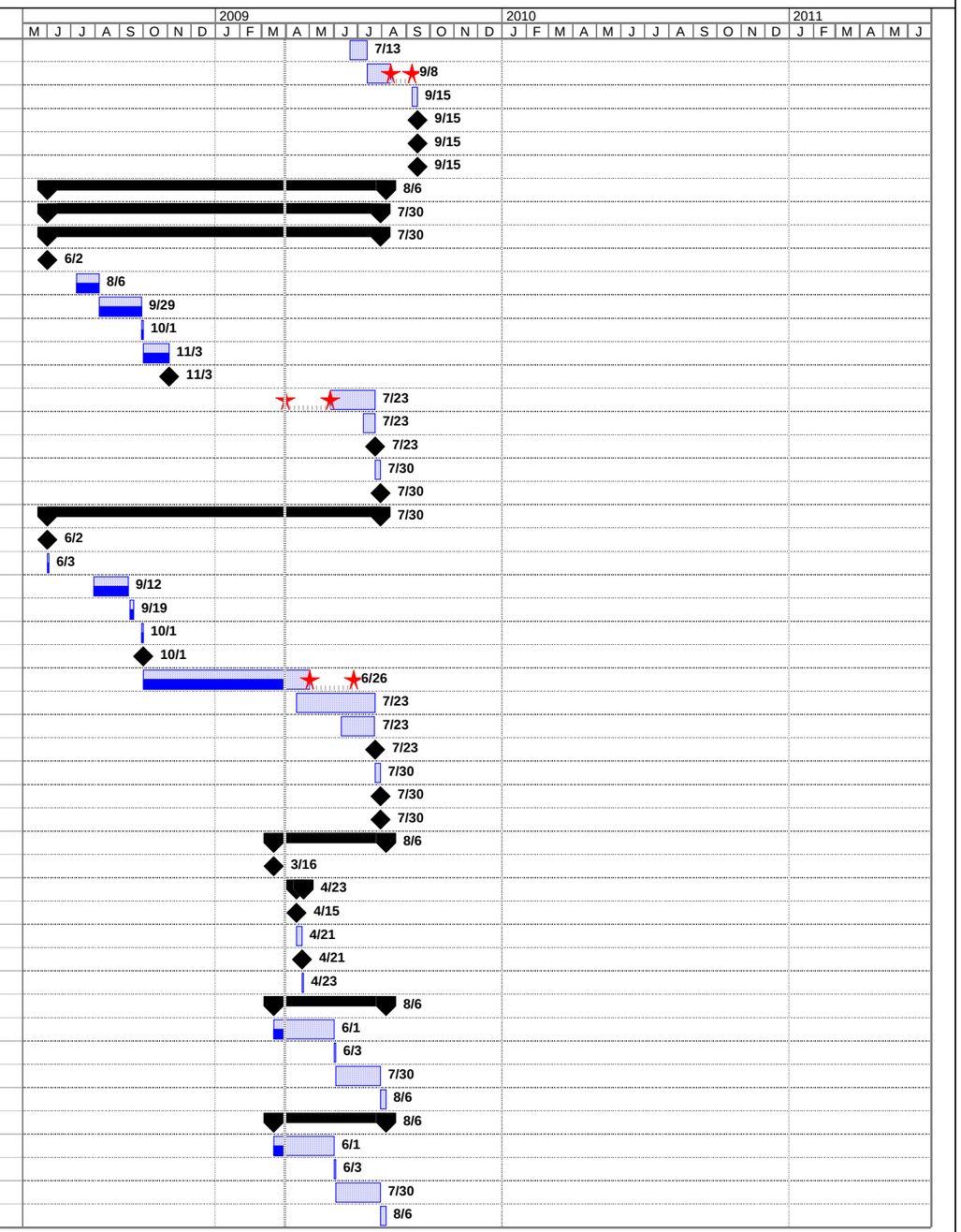
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
536	EDW	target system replication installed	15 days	0%	Mon 6/22/09	Mon 7/13/09
537	EDW	Testing Support (bug fix, refactoring, etc.)	40 days	0%	Tue 7/14/09	Tue 9/8/09
538	EDW	Business Approval	5 days	0%	Wed 9/9/09	Tue 9/15/09
539	EDW	CMM replication complete	0 days	0%	Tue 9/15/09	Tue 9/15/09
540	EDW	Deliver CMM Release 1 Complete to iTEST	0 days	0%	Tue 9/15/09	Tue 9/15/09
541	EDW	EDW CMM Complete	0 days	0%	Tue 9/15/09	Tue 9/15/09
542	**EDW**	**EDW-COMS**	**292 days**	**21%**	**Mon 6/2/08**	**Thu 8/6/09**
543	**EDW**	**COMS Phase 2**	**287 days**	**47%**	**Mon 6/2/08**	**Thu 7/30/09**
544	**EDW**	**COMS Extracts -Non Shadow Settlement**	**287 days**	**46%**	**Mon 6/2/08**	**Thu 7/30/09**
545	EDW	COMS extracts data available	0 days	100%	Mon 6/2/08	Mon 6/2/08
546	EDW	Review Business Requirements	21 days	100%	Wed 7/9/08	Wed 8/6/08
547	EDW	Design & Develop extracts	37 days	100%	Thu 8/7/08	Mon 9/29/08
548	EDW	Unit test	2 days	100%	Tue 9/30/08	Wed 10/1/08
549	EDW	Migrate extract into ITEST	23 days	100%	Thu 10/2/08	Mon 11/3/08
550	EDW	Deliver Migrated COMS Extract to iTEST	0 days	100%	Mon 11/3/08	Mon 11/3/08
552	EDW	Testing Support (bug fix, refactoring, etc.)	80 days	0%	Wed 4/1/09	Thu 7/23/09
553	EDW	Re-Testing Support	11 days	0%	Thu 7/9/09	Thu 7/23/09
554	EDW	Extracts available to MIS	0 days	0%	Thu 7/23/09	Thu 7/23/09
555	EDW	Business verification/approval (of re-testing of Shadow & Non-Shadow Settlements Extracts)	5 days	0%	Fri 7/24/09	Thu 7/30/09
556	EDW	COMS Extracts Complete	0 days	0%	Thu 7/30/09	Thu 7/30/09
557	**EDW**	**COMS Web Services**	**287 days**	**48%**	**Mon 6/2/08**	**Thu 7/30/09**
558	EDW	COMS Web Services source data available	0 days	100%	Mon 6/2/08	Mon 6/2/08
559	EDW	Extracts requirements approved	2 days	100%	Mon 6/2/08	Tue 6/3/08
560	EDW	Design & Develop extracts	31 days	100%	Thu 7/31/08	Fri 9/12/08
561	EDW	Unit test	5 days	100%	Mon 9/15/08	Fri 9/19/08
562	EDW	Migrate extract into ITEST	2 days	100%	Tue 9/30/08	Wed 10/1/08
563	EDW	Deliver Migrated COMS Web Services Extract to iTEST	0 days	100%	Wed 10/1/08	Wed 10/1/08
565	EDW	Testing Support (bug fix, refactoring, etc.)	178 days	64%	Thu 10/2/08	Fri 6/26/09
566	EDW	COMS patch/enhancement needed for completion (if needed)	70 days	0%	Wed 4/15/09	Thu 7/23/09
567	EDW	Re-Testing Support	30 days	0%	Thu 6/11/09	Thu 7/23/09
568	EDW	Extracts available to MIS	0 days	0%	Thu 7/23/09	Thu 7/23/09
569	EDW	Business verification/approval	5 days	0%	Fri 7/24/09	Thu 7/30/09
570	EDW	Web Services Complete	0 days	0%	Thu 7/30/09	Thu 7/30/09
571	EDW	COMS Phase 2 Complete	0 days	0%	Thu 7/30/09	Thu 7/30/09
572	**EDW**	**COMS Phase 3**	**101 days**	**5%**	**Mon 3/16/09**	**Thu 8/6/09**
573	EDW	Business Requiremets Approval	0 days	0%	Mon 3/16/09	Mon 3/16/09
574	**EDW**	**Lodestar Metadata changes**	**7 days**	**0%**	**Wed 4/15/09**	**Thu 4/23/09**
575	EDW	Metadata changes in Lodestar Source - Dev	0 days	0%	Wed 4/15/09	Wed 4/15/09
576	EDW	Imapact Analysis & Dev for Metadata changes in ISM	5 days	0%	Wed 4/15/09	Tue 4/21/09
577	EDW	Metadata changes in Lodestar Source - iTest	0 days	0%	Tue 4/21/09	Tue 4/21/09
578	EDW	Migration to ISM	2 days	0%	Wed 4/22/09	Thu 4/23/09
579	**EDW**	**Monthly RUC Make Whole Charge & Claw Back Payment**	**101 days**	**9%**	**Tue 3/17/09**	**Thu 8/6/09**
580	EDW	Development	54 days	17%	Tue 3/17/09	Mon 6/1/09
581	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
582	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
583	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
584	**EDW**	**Monthly Energy Deployed by RMR Units Report**	**101 days**	**9%**	**Tue 3/17/09**	**Thu 8/6/09**
585	EDW	Development	54 days	17%	Tue 3/17/09	Mon 6/1/09
586	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
587	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
588	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09



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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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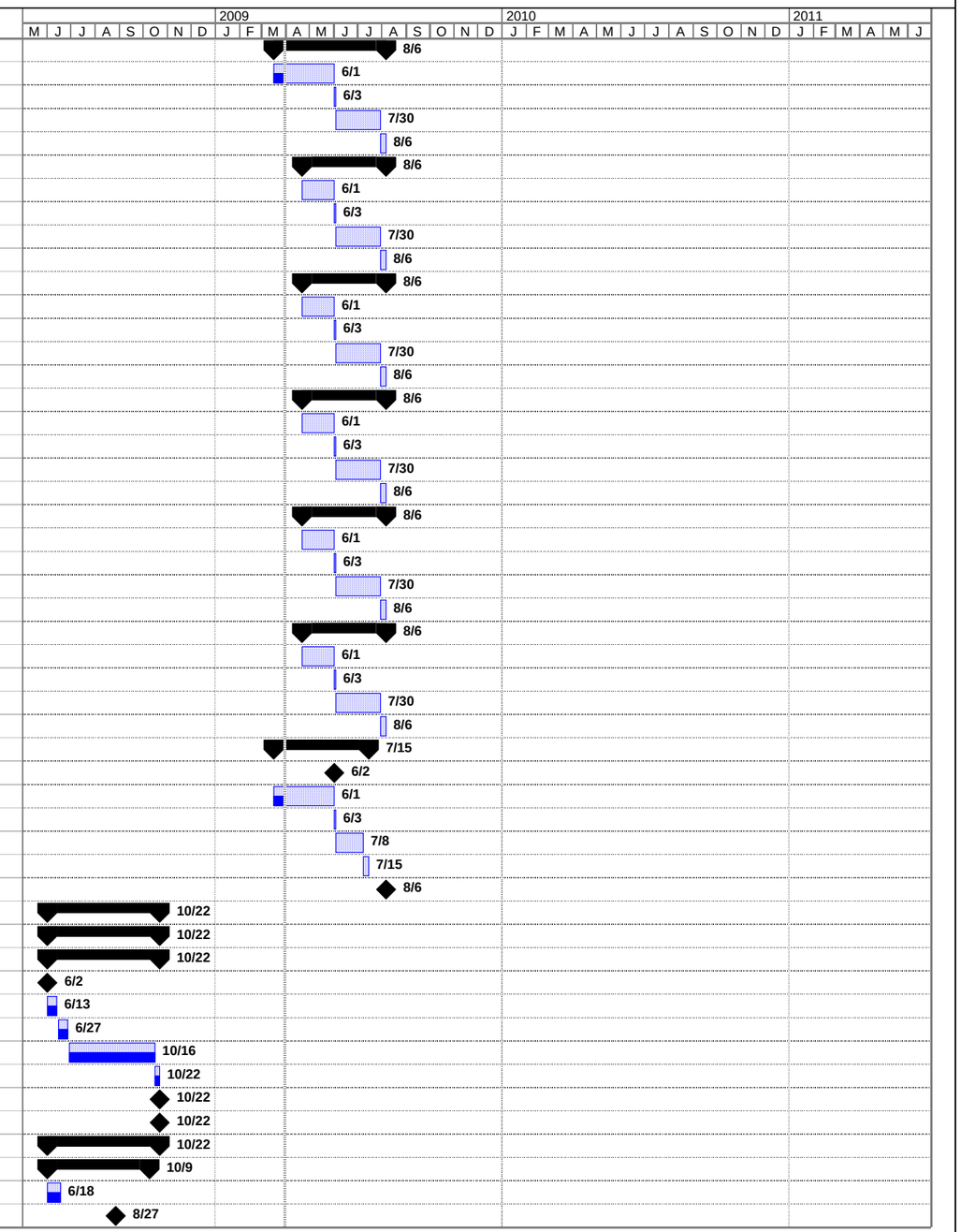
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
589	**EDW**	**Capacity Factors by Resource**	**101 days**	**9%**	**Tue 3/17/09**	**Thu 8/6/09**
590	EDW	Development	54 days	17%	Tue 3/17/09	Mon 6/1/09
591	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
592	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
593	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
594	**EDW**	**Default Profile ESIID**	**75 days**	**0%**	**Wed 4/22/09**	**Thu 8/6/09**
595	EDW	Development	28 days	0%	Wed 4/22/09	Mon 6/1/09
596	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
597	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
598	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
599	**EDW**	**Load Estimate Counts (public)**	**75 days**	**0%**	**Wed 4/22/09**	**Thu 8/6/09**
600	EDW	Development	28 days	0%	Wed 4/22/09	Mon 6/1/09
601	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
602	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
603	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
604	**EDW**	**Load Estimate Counts (secure)**	**75 days**	**0%**	**Wed 4/22/09**	**Thu 8/6/09**
605	EDW	Development	28 days	0%	Wed 4/22/09	Mon 6/1/09
606	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
607	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
608	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
609	**EDW**	**Load Estimate Volumes (public)**	**75 days**	**0%**	**Wed 4/22/09**	**Thu 8/6/09**
610	EDW	Development	28 days	0%	Wed 4/22/09	Mon 6/1/09
611	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
612	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
613	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
614	**EDW**	**Load Estimate Volumes (secure)**	**75 days**	**0%**	**Wed 4/22/09**	**Thu 8/6/09**
615	EDW	Development	28 days	0%	Wed 4/22/09	Mon 6/1/09
616	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
617	EDW	Testing Support (defect fixes, refactoring)	40 days	0%	Thu 6/4/09	Thu 7/30/09
618	EDW	Business approval	5 days	0%	Fri 7/31/09	Thu 8/6/09
619	**EDW**	**ERCOT Summary Dispute Report**	**85 days**	**11%**	**Tue 3/17/09**	**Wed 7/15/09**
620	EDW	Dispute Data availability in Siebel Source iTest	0 days	0%	Tue 6/2/09	Tue 6/2/09
621	EDW	Development	54 days	17%	Tue 3/17/09	Mon 6/1/09
622	EDW	Migrate into ITEST for Testing	2 days	0%	Tue 6/2/09	Wed 6/3/09
624	EDW	Testing Support (defect fixes, refactoring)	24 days	0%	Thu 6/4/09	Wed 7/8/09
625	EDW	Business approval	5 days	0%	Thu 7/9/09	Wed 7/15/09
626	EDW	COMS Phase 3 Complete	0 days	0%	Thu 8/6/09	Thu 8/6/09
627	**EDW**	**EDW-Siebel**	**101 days**	**100%**	**Mon 6/2/08**	**Wed 10/22/08**
628	**EDW**	**Siebel Release 1**	**101 days**	**100%**	**Mon 6/2/08**	**Wed 10/22/08**
629	**EDW**	**Siebel replication Phase 4: Siebel ITEST to EDW ITEST**	**101 days**	**100%**	**Mon 6/2/08**	**Wed 10/22/08**
630	EDW	Siebel Source environment ready	0 days	100%	Mon 6/2/08	Mon 6/2/08
631	EDW	source system replication installed	10 days	100%	Mon 6/2/08	Fri 6/13/08
632	EDW	target system replication installed	10 days	100%	Mon 6/16/08	Fri 6/27/08
633	EDW	Testing Support (bug fix, refactoring, etc.)	77 days	100%	Mon 6/30/08	Thu 10/16/08
634	EDW	Business Approval	4 days	100%	Fri 10/17/08	Wed 10/22/08
635	EDW	Siebel replication Ph 4 complete	0 days	100%	Wed 10/22/08	Wed 10/22/08
636	EDW	Deliver Siebel Release 1 Complete to iTEST	0 days	100%	Wed 10/22/08	Wed 10/22/08
638	**EDW**	**EDW-Lodestar**	**101 days**	**100%**	**Mon 6/2/08**	**Wed 10/22/08**
639	**EDW**	**Lodstar replication: Lodestar PR00LOD to PR00ISM**	**92 days**	**100%**	**Mon 6/2/08**	**Thu 10/9/08**
640	EDW	ITEST Zonal L* schema built with 4.7	13 days	100%	Mon 6/2/08	Wed 6/18/08
641	EDW	COMS Zonal L* Source environment ready	0 days	100%	Wed 8/27/08	Wed 8/27/08



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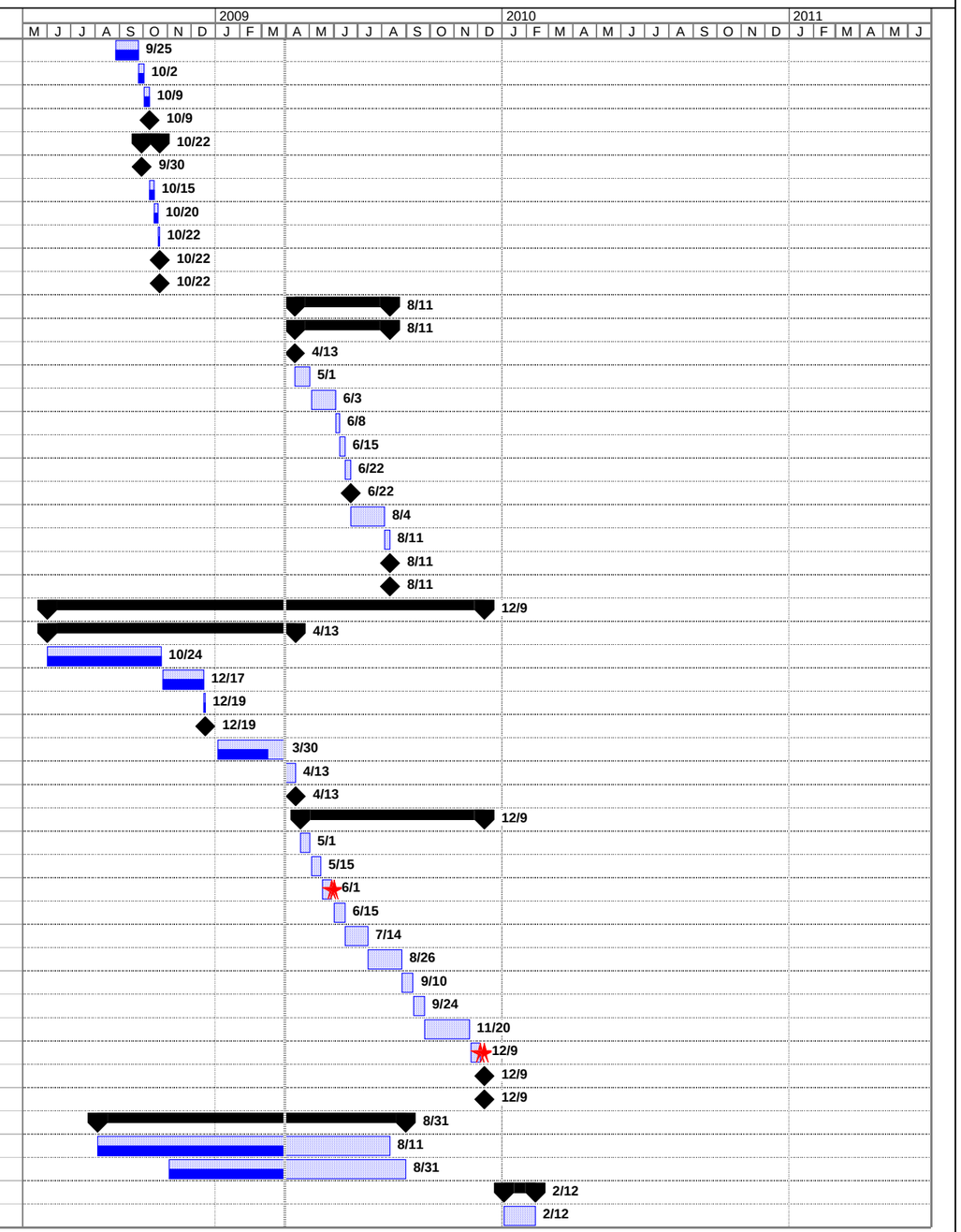
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
642	EDW	source system replication installed	20 days	100%	Thu 8/28/08	Thu 9/25/08
643	EDW	target system replication installed	5 days	100%	Fri 9/26/08	Thu 10/2/08
644	EDW	Production Verification	5 days	100%	Fri 10/3/08	Thu 10/9/08
645	EDW	Zonal Lodestar replication complete	0 days	100%	Thu 10/9/08	Thu 10/9/08
646	**EDW**	**NDLSTAR replication: Lodestar PR00LOD to PR00ISM**	**17 days**	**100%**	**Tue 9/30/08**	**Wed 10/22/08**
647	EDW	COMS Nodal L* Source environment ready	0 days	100%	Tue 9/30/08	Tue 9/30/08
648	EDW	source system replication installed	4 days	100%	Fri 10/10/08	Wed 10/15/08
649	EDW	target system replication installed	3 days	100%	Thu 10/16/08	Mon 10/20/08
650	EDW	Production Verification	2 days	100%	Tue 10/21/08	Wed 10/22/08
651	EDW	NODAL Lodestar replication complete	0 days	100%	Wed 10/22/08	Wed 10/22/08
652	EDW	EDW-Lodestar Complete	0 days	100%	Wed 10/22/08	Wed 10/22/08
653	**EDW**	**EDW-EIP**	**85 days**	**0%**	**Mon 4/13/09**	**Tue 8/11/09**
654	**EDW**	**Notices Database Replication**	**85 days**	**0%**	**Mon 4/13/09**	**Tue 8/11/09**
655	EDW	Receive Source system environment ready from EIP	0 days	0%	Mon 4/13/09	Mon 4/13/09
656	EDW	business requirements approved	15 days	0%	Mon 4/13/09	Fri 5/1/09
657	EDW	Develop & unit test replication bundle in DEV	22 days	0%	Mon 5/4/09	Wed 6/3/09
658	EDW	Migrate to FAT	3 days	0%	Thu 6/4/09	Mon 6/8/09
659	EDW	Test replication in FAT	5 days	0%	Tue 6/9/09	Mon 6/15/09
660	EDW	Development Complete ready for iTEST - Notices Database Replication	5 days	0%	Tue 6/16/09	Mon 6/22/09
661	EDW	Deliver Migrated Notices Database Replication to iTEST	0 days	0%	Mon 6/22/09	Mon 6/22/09
662	EDW	Testing Support (bug fix, refactoring, etc.)	30 days	0%	Tue 6/23/09	Tue 8/4/09
663	EDW	Business verification/approval	5 days	0%	Wed 8/5/09	Tue 8/11/09
664	EDW	Notices Database replication complete	0 days	0%	Tue 8/11/09	Tue 8/11/09
665	EDW	EDW-EIP Complete	0 days	0%	Tue 8/11/09	Tue 8/11/09
666	**EDW**	**MID/MIR Initiative**	**377 days**	**50%**	**Mon 6/2/08**	**Wed 12/9/09**
667	**EDW**	**MID/MIR (Issue fixes) - Release 1**	**211 days**	**88%**	**Mon 6/2/08**	**Mon 4/13/09**
668	EDW	Development & Unit test	103 days	100%	Mon 6/2/08	Fri 10/24/08
669	EDW	Integration test	35 days	100%	Mon 10/27/08	Wed 12/17/08
670	EDW	Migrate to ITEST	2 days	100%	Thu 12/18/08	Fri 12/19/08
671	EDW	Deliver Migrated MID/MIR (Issue fixes) - Release 1 to iTEST	0 days	100%	Fri 12/19/08	Fri 12/19/08
673	EDW	Testing Support (bug fixes & re-factoring)	61 days	75%	Mon 1/5/09	Mon 3/30/09
674	EDW	Business Approval	10 days	0%	Tue 3/31/09	Mon 4/13/09
675	EDW	MID/MIR Release 1 Complete	0 days	0%	Mon 4/13/09	Mon 4/13/09
676	**EDW**	**MIR (Oracle CMSDK) Phase 3**	**162 days**	**0%**	**Mon 4/20/09**	**Wed 12/9/09**
677	EDW	Re-define availability requirements for CMSDK	10 days	0%	Mon 4/20/09	Fri 5/1/09
678	EDW	Define monitoring requirements for CMSDK	10 days	0%	Mon 5/4/09	Fri 5/15/09
679	EDW	Design monitoring / alerting solution	10 days	0%	Mon 5/18/09	Mon 6/1/09
680	EDW	Develop & implement monitoring / alerting solution	10 days	0%	Tue 6/2/09	Mon 6/15/09
681	EDW	Maintenance: Migrate MIR database to ASM storage	20 days	0%	Tue 6/16/09	Tue 7/14/09
682	EDW	Maintenance: Upgrade CMSDK Application Server to Red Hat Linux 5	31 days	0%	Wed 7/15/09	Wed 8/26/09
683	EDW	Development/verification of "new" security model	10 days	0%	Thu 8/27/09	Thu 9/10/09
684	EDW	Design & Development of Market Information Web Services	10 days	0%	Fri 9/11/09	Thu 9/24/09
685	EDW	EDS MIR Buildout	41 days	0%	Fri 9/25/09	Fri 11/20/09
686	EDW	Documentation	10 days	0%	Mon 11/23/09	Wed 12/9/09
687	EDW	MIR Phase 3 Complete	0 days	0%	Wed 12/9/09	Wed 12/9/09
688	EDW	MID/MIR Initiative Complete	0 days	0%	Wed 12/9/09	Wed 12/9/09
689	**EDW**	**EDW Release Support**	**264 days**	**55%**	**Tue 8/5/08**	**Mon 8/31/09**
690	EDW	Replication Support	250 days	62%	Tue 8/5/08	Tue 8/11/09
691	EDW	Reports/Extracts Support	200 days	46%	Tue 11/4/08	Mon 8/31/09
692	**EDW**	**Security Integration**	**30 days**	**0%**	**Mon 1/4/10**	**Fri 2/12/10**
693	EDW	APEX	30 days	0%	Mon 1/4/10	Fri 2/12/10



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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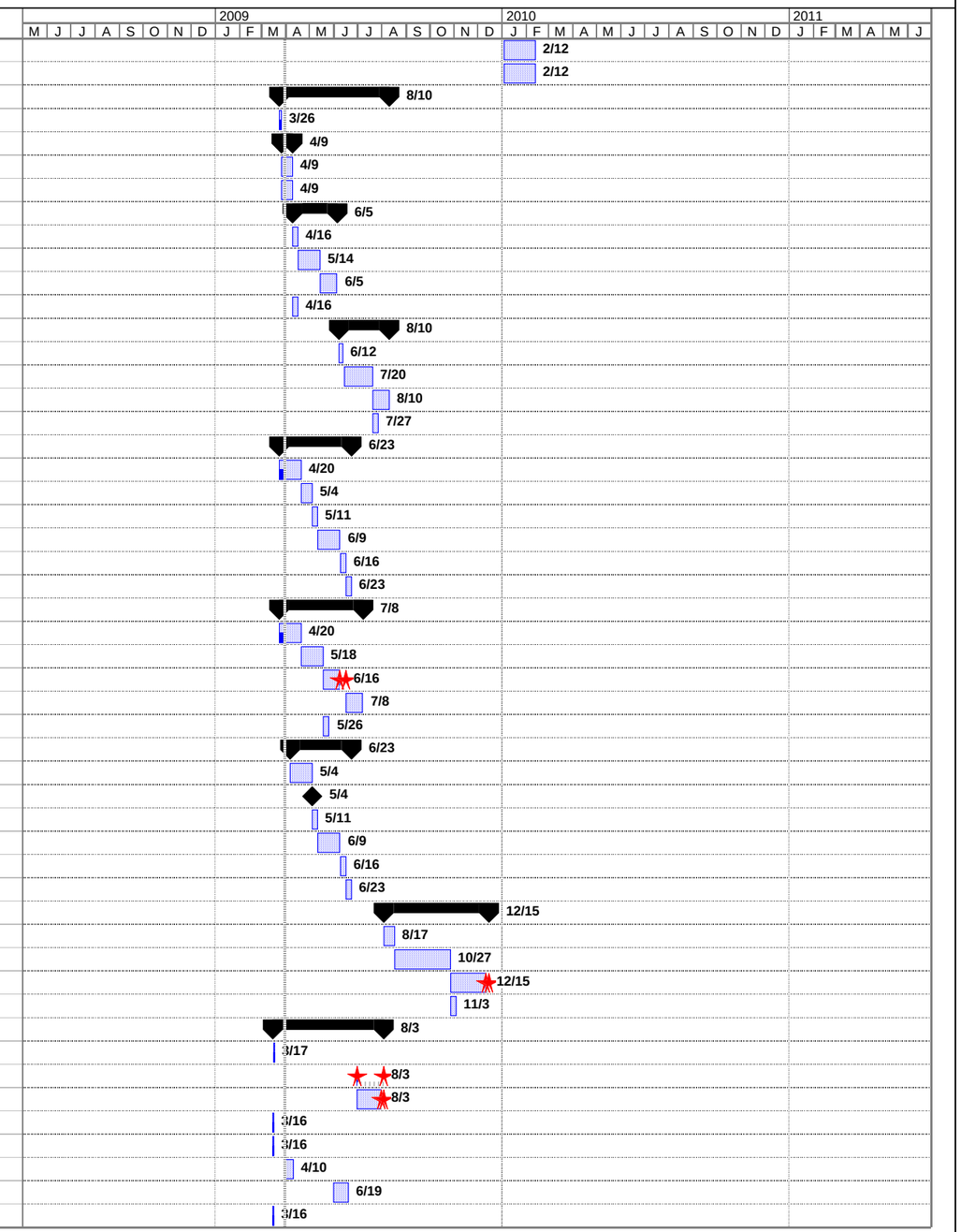
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
694	EDW	Cognos	30 days	0%	Mon 1/4/10	Fri 2/12/10
695	EDW	App Security	30 days	0%	Mon 1/4/10	Fri 2/12/10
696	**EDW**	**SMD**	**98 days**	**3%**	**Tue 3/24/09**	**Mon 8/10/09**
697	EDW	SMD (version 4) Documentation	3 days	100%	Tue 3/24/09	Thu 3/26/09
698	**EDW**	**SMD Replication Patching**	**10 days**	**0%**	**Fri 3/27/09**	**Thu 4/9/09**
699	EDW	Development of patches (1..4)	10 days	0%	Fri 3/27/09	Thu 4/9/09
700	EDW	Fixing index errors	10 days	0%	Fri 3/27/09	Thu 4/9/09
701	**EDW**	**SMD (version 5) CVS**	**40 days**	**0%**	**Fri 4/10/09**	**Fri 6/5/09**
702	EDW	Finalize Requirements	5 days	0%	Fri 4/10/09	Thu 4/16/09
703	EDW	Design & Develop	20 days	0%	Fri 4/17/09	Thu 5/14/09
704	EDW	Testing	15 days	0%	Fri 5/15/09	Fri 6/5/09
705	EDW	Documentation	5 days	0%	Fri 4/10/09	Thu 4/16/09
706	**EDW**	**SMD APEX Effort**	**45 days**	**0%**	**Mon 6/8/09**	**Mon 8/10/09**
707	EDW	Finalize Requirements	5 days	0%	Mon 6/8/09	Fri 6/12/09
708	EDW	Design & Develop	25 days	0%	Mon 6/15/09	Mon 7/20/09
709	EDW	Testing	15 days	0%	Tue 7/21/09	Mon 8/10/09
710	EDW	Documentation	5 days	0%	Tue 7/21/09	Mon 7/27/09
711	**EDW**	**Replication Data Mart & Reporting**	**65 days**	**6%**	**Tue 3/24/09**	**Tue 6/23/09**
712	EDW	Analysis	20 days	20%	Tue 3/24/09	Mon 4/20/09
713	EDW	Requirements	10 days	0%	Tue 4/21/09	Mon 5/4/09
714	EDW	Preliminary (Test) Table Design	5 days	0%	Tue 5/5/09	Mon 5/11/09
715	EDW	Develop ETL Loading Programs	20 days	0%	Tue 5/12/09	Tue 6/9/09
716	EDW	Preliminary Report Design	5 days	0%	Wed 6/10/09	Tue 6/16/09
717	EDW	Develop Cognos Reports	5 days	0%	Wed 6/17/09	Tue 6/23/09
718	**EDW**	**CVS & DBCM Extraction / Reporting**	**75 days**	**5%**	**Tue 3/24/09**	**Wed 7/8/09**
719	EDW	Design & Develop DBCM Extraction Utility	20 days	20%	Tue 3/24/09	Mon 4/20/09
720	EDW	Design & Develop DBCM functions	20 days	0%	Tue 4/21/09	Mon 5/18/09
721	EDW	Design & Develop DBCM User Mgmt / Reporting	20 days	0%	Tue 5/19/09	Tue 6/16/09
722	EDW	Testing	15 days	0%	Wed 6/17/09	Wed 7/8/09
723	EDW	Documentation	5 days	0%	Tue 5/19/09	Tue 5/26/09
724	**EDW**	**IT Capacity Dashboard**	**55 days**	**0%**	**Tue 4/7/09**	**Tue 6/23/09**
725	EDW	Analysis	20 days	0%	Tue 4/7/09	Mon 5/4/09
726	EDW	Requirements	0 days	0%	Mon 5/4/09	Mon 5/4/09
727	EDW	Preliminary (Test) Table Design	5 days	0%	Tue 5/5/09	Mon 5/11/09
728	EDW	Develop ETL Loading Programs	20 days	0%	Tue 5/12/09	Tue 6/9/09
729	EDW	Preliminary Report Design	5 days	0%	Wed 6/10/09	Tue 6/16/09
730	EDW	Develop Cognos Reports	5 days	0%	Wed 6/17/09	Tue 6/23/09
731	**EDW**	**EIS Component Monitoring & Alerting**	**92 days**	**0%**	**Tue 8/4/09**	**Tue 12/15/09**
732	EDW	Finalize Requirements	10 days	0%	Tue 8/4/09	Mon 8/17/09
733	EDW	Design & Develop	50 days	0%	Tue 8/18/09	Tue 10/27/09
734	EDW	Testing	32 days	0%	Wed 10/28/09	Tue 12/15/09
735	EDW	Documentation	5 days	0%	Wed 10/28/09	Tue 11/3/09
736	**EDW**	**EIS BI Architecture Upgrade**	**99 days**	**7%**	**Mon 3/16/09**	**Mon 8/3/09**
737	EDW	EIS Replication Schema content Libraries	1 day	100%	Tue 3/17/09	Tue 3/17/09
738	EDW	EIS Replicated Data – Cognos Data Access Packages PITS	23 days	0%	Wed 7/1/09	Mon 8/3/09
739	EDW	EIS Replicated Data – Cognos Data Access Packages Current	23 days	0%	Wed 7/1/09	Mon 8/3/09
740	EDW	EIS Enterprise Reporting Solution Upgrade to Cognos 8	1 day	100%	Mon 3/16/09	Mon 3/16/09
741	EDW	EIS Enterprise Reporting Content Organization	1 day	100%	Mon 3/16/09	Mon 3/16/09
742	EDW	EIS Enterprise Reporting Security	10 days	0%	Mon 3/30/09	Fri 4/10/09
743	EDW	EIS Conformed Data Warehouse Infrastructure	15 days	0%	Mon 6/1/09	Fri 6/19/09
744	EDW	EIS Enterprise Reporting Auditing	1 day	100%	Mon 3/16/09	Mon 3/16/09



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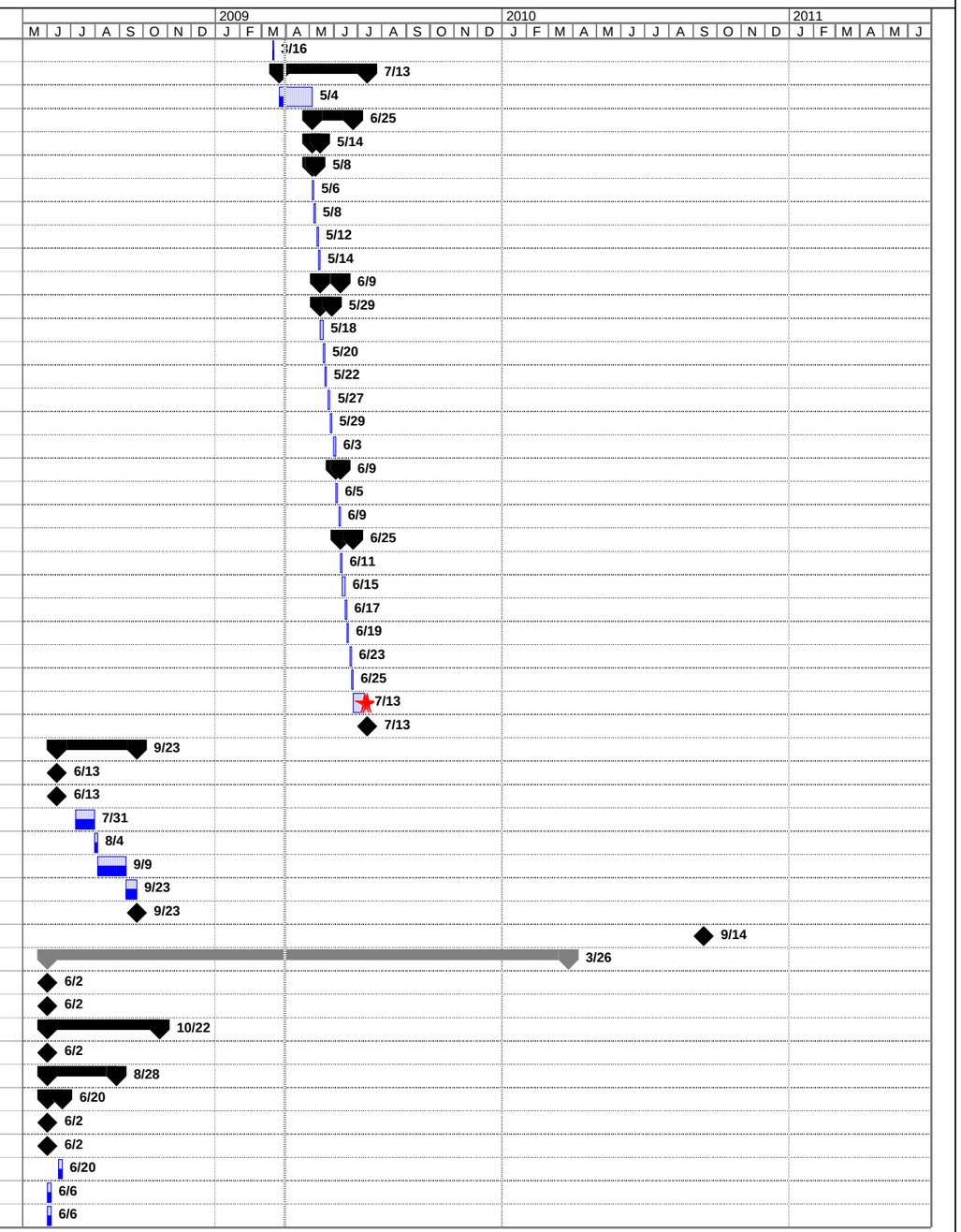
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
745	EDW	EIS Data Integration Suite	1 day	100%	Mon 3/16/09	Mon 3/16/09
746	**EDW**	**OTS-BTS Link to Gokal**	**78 days**	**5%**	**Tue 3/24/09**	**Mon 7/13/09**
747	EDW	Infrastructure Build out	30 days	13%	Tue 3/24/09	Mon 5/4/09
748	**EDW**	**Design and Develop**	**37 days**	**0%**	**Tue 5/5/09**	**Thu 6/25/09**
749	**EDW**	**Frontend**	**8 days**	**0%**	**Tue 5/5/09**	**Thu 5/14/09**
750	**EDW**	**Complete Manage Extract page**	**4 days**	**0%**	**Tue 5/5/09**	**Fri 5/8/09**
751	EDW	Create filters	2 days	0%	Tue 5/5/09	Wed 5/6/09
752	EDW	Edit filters	2 days	0%	Thu 5/7/09	Fri 5/8/09
753	EDW	Manage->Edit Extract page (extraction_id caching)	2 days	0%	Mon 5/11/09	Tue 5/12/09
754	EDW	Add validations and help text	2 days	0%	Wed 5/13/09	Thu 5/14/09
755	**EDW**	**Backend**	**17 days**	**0%**	**Fri 5/15/09**	**Tue 6/9/09**
756	**EDW**	**Backend Enhancements**	**10 days**	**0%**	**Fri 5/15/09**	**Fri 5/29/09**
757	EDW	New session drop and recreate all objects in OTS_Baseline and Delta schemas	2 days	0%	Fri 5/15/09	Mon 5/18/09
758	EDW	Enhance apex_util.splitlist function	2 days	0%	Tue 5/19/09	Wed 5/20/09
759	EDW	Bug fixes (complete session not showing correct status)	2 days	0%	Thu 5/21/09	Fri 5/22/09
760	EDW	Complete end session/job function	2 days	0%	Mon 5/25/09	Wed 5/27/09
761	EDW	Generate import script / export file	2 days	0%	Thu 5/28/09	Fri 5/29/09
762	EDW	Create 9i version of export file	3 days	0%	Mon 6/1/09	Wed 6/3/09
763	**EDW**	**SCP export files to remote server**	**4 days**	**0%**	**Thu 6/4/09**	**Tue 6/9/09**
764	EDW	Add SCP job	2 days	0%	Thu 6/4/09	Fri 6/5/09
765	EDW	Research call shell script from pl/sql	2 days	0%	Mon 6/8/09	Tue 6/9/09
766	**EDW**	**Integration/Admin:**	**12 days**	**0%**	**Wed 6/10/09**	**Thu 6/25/09**
767	EDW	Define new mappings Nodal extract	2 days	0%	Wed 6/10/09	Thu 6/11/09
768	EDW	Connection between ISM and ODIR (OTS Data Integration Repository)	2 days	0%	Fri 6/12/09	Mon 6/15/09
769	EDW	Verify all OTS (MMS/OS) tables replicated	2 days	0%	Tue 6/16/09	Wed 6/17/09
770	EDW	CVS location setup	2 days	0%	Thu 6/18/09	Fri 6/19/09
771	EDW	Migration plan	2 days	0%	Mon 6/22/09	Tue 6/23/09
772	EDW	Identify all integration points between front and backend – Page by Page	2 days	0%	Wed 6/24/09	Thu 6/25/09
773	EDW	Documentation	11 days	0%	Fri 6/26/09	Mon 7/13/09
774	EDW	OTS-BTS Complete	0 days	0%	Mon 7/13/09	Mon 7/13/09
775	**EDW**	**EDW-CRR**	**70 days**	**100%**	**Fri 6/13/08**	**Tue 9/23/08**
776	EDW	Deliver FAT S3 (At ERCOT Site) sign-off to EDW	0 days	100%	Fri 6/13/08	Fri 6/13/08
777	EDW	Receive CRR Source System Data ready from CRR	0 days	100%	Fri 6/13/08	Fri 6/13/08
778	EDW	Developing replication tables	18 days	100%	Tue 7/8/08	Thu 7/31/08
779	EDW	Migrate tables into ITEST	2 days	100%	Fri 8/1/08	Mon 8/4/08
780	EDW	Testing Support (bug fix, refactoring, etc.)	25 days	100%	Tue 8/5/08	Tue 9/9/08
781	EDW	CRR Replication Business Approval	10 days	100%	Wed 9/10/08	Tue 9/23/08
782	EDW	EDW-CRR complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
783	EDW	EDW Project End	0 days	0%	Tue 9/14/10	Tue 9/14/10
9	**Nodal IPS**	**MIS - Market Information System**	**444 days**	**70%**	**Mon 6/2/08**	**Fri 3/26/10**
1	MIS	MIS Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
2	MIS	MIS Build 6 Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
3	**MIS**	**MIS Build 7**	**101 days**	**100%**	**Mon 6/2/08**	**Wed 10/22/08**
4	MIS	MIS 7 Build Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
5	**MIS**	**Finalize Requirements For Build 7**	**63 days**	**100%**	**Mon 6/2/08**	**Thu 8/28/08**
6	**MIS**	**CDR**	**15 days**	**100%**	**Mon 6/2/08**	**Fri 6/20/08**
7	MIS	CDR000 Available	0 days	100%	Mon 6/2/08	Mon 6/2/08
9	MIS	Receive 3B Development from CDR	0 days	100%	Mon 6/2/08	Mon 6/2/08
10	MIS	Annual Competitive Constraints	5 days	100%	Mon 6/16/08	Fri 6/20/08
11	MIS	Monthly Competitive Constraints	5 days	100%	Mon 6/2/08	Fri 6/6/08
12	MIS	Suspended Competitive Constraints	5 days	100%	Mon 6/2/08	Fri 6/6/08



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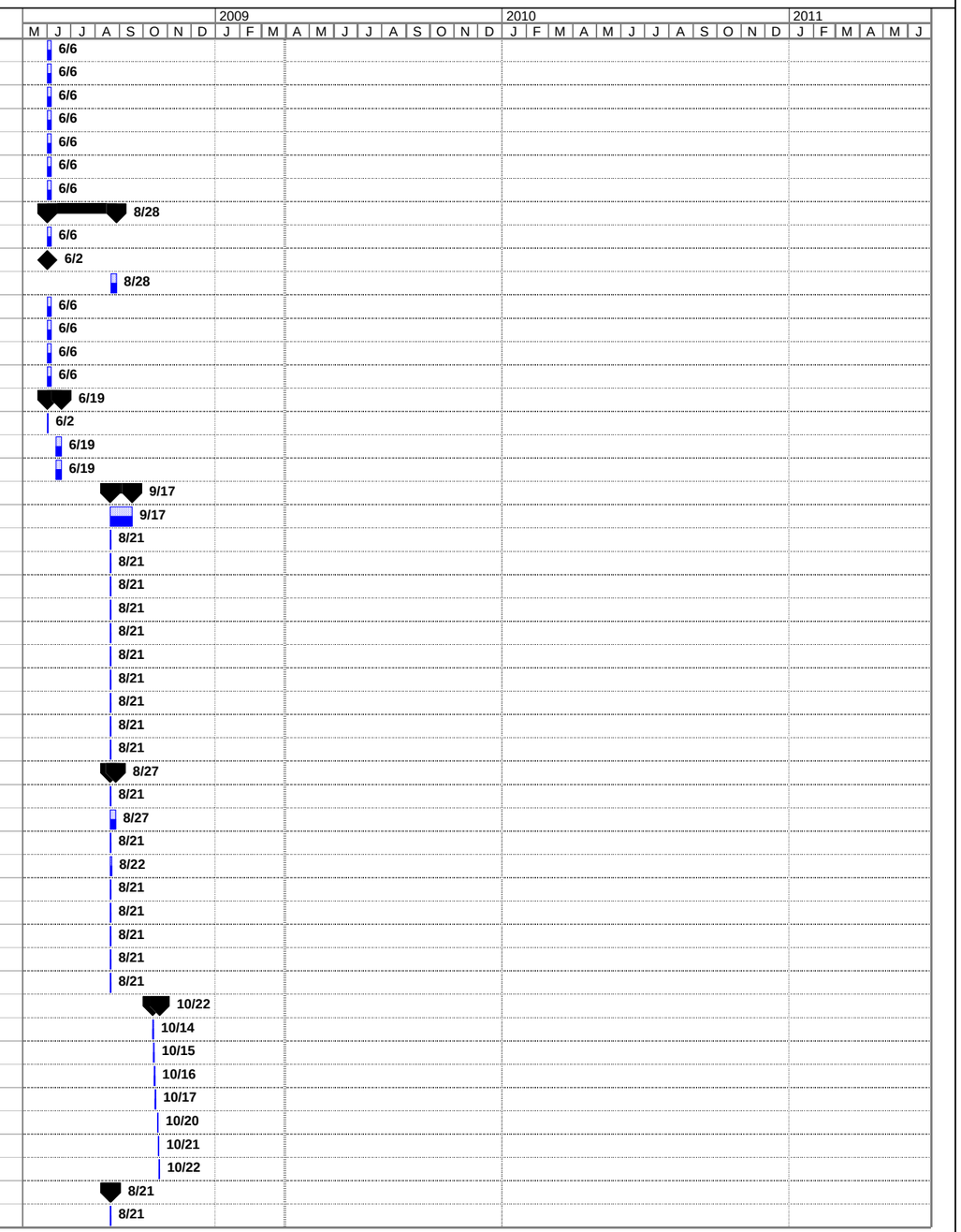
13	MIS	Temperature Adjusted Dynamic Ratings	5 days	100%	Mon 6/2/08	Fri 6/6/08
14	MIS	Peaker Net Margin & System-Wide Offer Cap	5 days	100%	Mon 6/2/08	Fri 6/6/08
15	MIS	Dynamic Rating Deviation Data	5 days	100%	Mon 6/2/08	Fri 6/6/08
16	MIS	Topology Consistency	5 days	100%	Mon 6/2/08	Fri 6/6/08
17	MIS	Transformer Flows, Voltages & Tap Position	5 days	100%	Mon 6/2/08	Fri 6/6/08
18	MIS	LMPs by Resource Node	5 days	100%	Mon 6/2/08	Fri 6/6/08
19	MIS	Settlement Point Prices at Hubs & Load Zones	5 days	100%	Mon 6/2/08	Fri 6/6/08
20	**MIS**	**MIS**	**63 days**	**100%**	**Mon 6/2/08**	**Thu 8/28/08**
21	MIS	MIS Header Links (ercot.com, TML, Contact)	5 days	100%	Mon 6/2/08	Fri 6/6/08
24	MIS	Receive Reports & Extract from EDW	0 days	100%	Mon 6/2/08	Mon 6/2/08
25	MIS	All State Estimator Reports & Extracts Page	5 days	100%	Fri 8/22/08	Thu 8/28/08
26	MIS	Active Public Links (to ercot.com) throughout MIS	5 days	100%	Mon 6/2/08	Fri 6/6/08
27	MIS	Groups & Rules Landing page (with active links)	5 days	100%	Mon 6/2/08	Fri 6/6/08
28	MIS	Reports Landing Page (Alpha list of all Reports)	5 days	100%	Mon 6/2/08	Fri 6/6/08
29	MIS	Notification Portlet	5 days	100%	Mon 6/2/08	Fri 6/6/08
30	**MIS**	**EDW**	**14 days**	**100%**	**Mon 6/2/08**	**Thu 6/19/08**
31	MIS	EDW DATA 31 available	1 day	100%	Mon 6/2/08	Mon 6/2/08
32	MIS	ICCP Link Availability Statistics Report	5 days	100%	Fri 6/13/08	Thu 6/19/08
33	MIS	Monthly Market Participant Real Time Availability Statistics Report	5 days	100%	Fri 6/13/08	Thu 6/19/08
34	**MIS**	**Development**	**19 days**	**100%**	**Wed 8/20/08**	**Wed 9/17/08**
35	MIS	Develop Build 7 Specific Items	19 days	100%	Wed 8/20/08	Wed 9/17/08
36	MIS	Create Release Notes For Build 7	1 day	100%	Wed 8/20/08	Thu 8/21/08
37	MIS	Unit Test Finished Build 7	1 day	100%	Wed 8/20/08	Thu 8/21/08
38	MIS	Fix Identified Bugs From Unit Testing	1 day	100%	Wed 8/20/08	Thu 8/21/08
39	MIS	Create Unit Test Log	1 day	100%	Wed 8/20/08	Thu 8/21/08
40	MIS	Update Properties & Folder IDs for ITest	1 day	100%	Wed 8/20/08	Thu 8/21/08
41	MIS	Create MIS Build 7 Package & Load Into CVS	1 day	100%	Wed 8/20/08	Thu 8/21/08
42	MIS	Create PPM Deployment Package	1 day	100%	Wed 8/20/08	Thu 8/21/08
43	MIS	Get Business Signoff For Build 7	1 day	100%	Wed 8/20/08	Thu 8/21/08
44	MIS	Get Testing Permission To Enter ITest	1 day	100%	Wed 8/20/08	Thu 8/21/08
45	MIS	Update Testing Scope / Test Scripts For Build 7	1 day	100%	Wed 8/20/08	Thu 8/21/08
46	**MIS**	**ITest**	**5 days**	**100%**	**Wed 8/20/08**	**Wed 8/27/08**
47	MIS	Deploy Build to ITest via PPM Tool	1 day	100%	Wed 8/20/08	Thu 8/21/08
48	MIS	ITest Testing For Build	5 days	100%	Wed 8/20/08	Wed 8/27/08
49	MIS	Review Bugs Identified In ITest	1 day	100%	Wed 8/20/08	Thu 8/21/08
50	MIS	Fix ITest Identified Bugs	2 days	100%	Wed 8/20/08	Fri 8/22/08
51	MIS	Create New Build With Bug Fixes & Load into CVS	1 day	100%	Wed 8/20/08	Thu 8/21/08
52	MIS	Update Release Notes & Test Scripts For Build 7.1	1 day	100%	Wed 8/20/08	Thu 8/21/08
53	MIS	Deploy Build 7.1 to ITest	1 day	100%	Wed 8/20/08	Thu 8/21/08
54	MIS	ITest Testing for Build 7.1	1 day	100%	Wed 8/20/08	Thu 8/21/08
55	MIS	Meet ITest Exit Criteria	1 day	100%	Wed 8/20/08	Thu 8/21/08
56	**MIS**	**EDS - Active**	**7 days**	**100%**	**Tue 10/14/08**	**Wed 10/22/08**
57	MIS	Update Properties & Folder IDs for EDS - Active	1 day	100%	Tue 10/14/08	Tue 10/14/08
58	MIS	Create MIS Build 7.1 Package For EDS - Active & Load into CVS	1 day	100%	Wed 10/15/08	Wed 10/15/08
59	MIS	Deploy MIS Build 7.1 To EDS - Active	1 day	100%	Thu 10/16/08	Thu 10/16/08
60	MIS	Smoke Test Build 7.1 in EDS - Active	1 day	100%	Fri 10/17/08	Fri 10/17/08
61	MIS	Fix Bugs Identified in EDS - Active	1 day	100%	Mon 10/20/08	Mon 10/20/08
62	MIS	Create Build 7.2	1 day	100%	Tue 10/21/08	Tue 10/21/08
63	MIS	Deploy Build 7.2 in EDS - Austin	1 day	100%	Wed 10/22/08	Wed 10/22/08
64	**MIS**	**EDS - Taylor**	**1 day**	**100%**	**Wed 8/20/08**	**Thu 8/21/08**
65	MIS	Update Properties & Folder IDs for EDS - Taylor	1 day	100%	Wed 8/20/08	Thu 8/21/08



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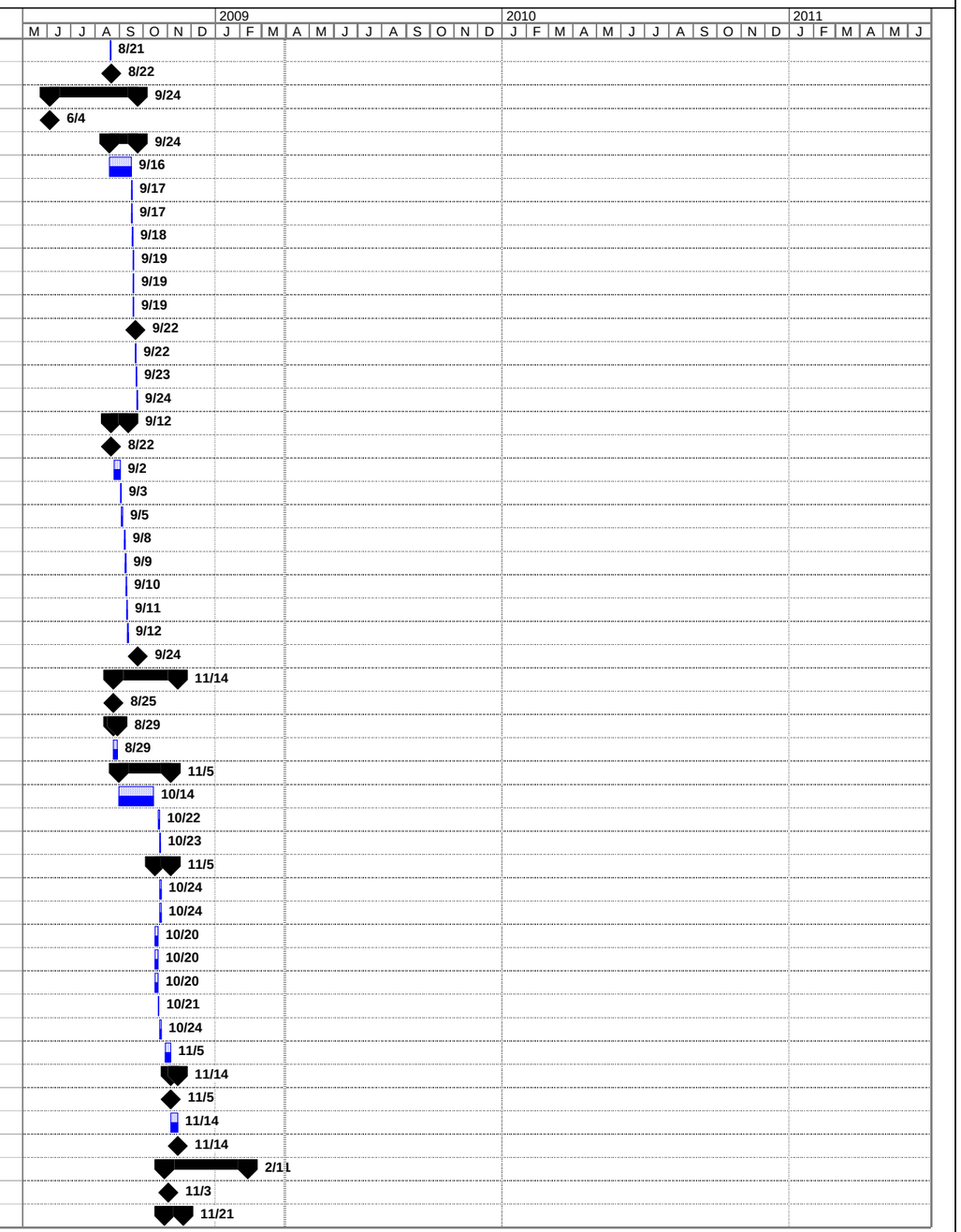
66	MIS	Deploy MIS Build 7.2 To EDS - Taylor	1 day	100%	Wed 8/20/08	Thu 8/21/08
67	MIS	MIS Build 7 Complete	0 days	100%	Fri 8/22/08	Fri 8/22/08
68	**MIS**	**MIS Build 8**	**78 days**	**100%**	**Wed 6/4/08**	**Wed 9/24/08**
70	MIS	MIS Build 8 Start	0 days	100%	Wed 6/4/08	Wed 6/4/08
71	**MIS**	**Development**	**25 days**	**100%**	**Wed 8/20/08**	**Wed 9/24/08**
72	MIS	Develop Build 8 Specific Items	19 days	100%	Wed 8/20/08	Tue 9/16/08
73	MIS	Create Release Notes For Build 8	1 day	100%	Wed 9/17/08	Wed 9/17/08
74	MIS	Unit Test Finished Build 8	1 day	100%	Wed 9/17/08	Wed 9/17/08
75	MIS	Fix Identified Bugs From Unit Testing	1 day	100%	Thu 9/18/08	Thu 9/18/08
76	MIS	Create Unit Test Log	1 day	100%	Fri 9/19/08	Fri 9/19/08
77	MIS	Update Properties & Folder IDs for ITest	1 day	100%	Fri 9/19/08	Fri 9/19/08
78	MIS	Create MIS Build 8 Package & Load Into CVS	1 day	100%	Fri 9/19/08	Fri 9/19/08
79	MIS	Deliver PPM Deployment Package to MPIM	0 days	100%	Mon 9/22/08	Mon 9/22/08
81	MIS	Get Business Signoff For Build 8	1 day	100%	Mon 9/22/08	Mon 9/22/08
82	MIS	Get Testing Permission To Enter ITest	1 day	100%	Tue 9/23/08	Tue 9/23/08
83	MIS	Update Testing Scope / Test Scripts For Build 8	1 day	100%	Wed 9/24/08	Wed 9/24/08
84	**MIS**	**ITest**	**15 days**	**100%**	**Fri 8/22/08**	**Fri 9/12/08**
85	MIS	Deliver Deployed Build to ITest via PPM Tool	0 days	100%	Fri 8/22/08	Fri 8/22/08
87	MIS	ITest Testing For Build	5 days	100%	Tue 8/26/08	Tue 9/2/08
88	MIS	Review Bugs Identified In ITest	1 day	100%	Wed 9/3/08	Wed 9/3/08
89	MIS	Fix ITest Identified Bugs	2 days	100%	Thu 9/4/08	Fri 9/5/08
90	MIS	Create New Build With Bug Fixes & Load into CVS	1 day	100%	Mon 9/8/08	Mon 9/8/08
91	MIS	Update Release Notes & Test Scripts For Build 8.1	1 day	100%	Tue 9/9/08	Tue 9/9/08
92	MIS	Deploy Build 8.1 to ITest	1 day	100%	Wed 9/10/08	Wed 9/10/08
93	MIS	ITest Testing for Build 8.1	1 day	100%	Thu 9/11/08	Thu 9/11/08
94	MIS	Meet ITest Exit Criteria	1 day	100%	Fri 9/12/08	Fri 9/12/08
95	MIS	MIS Build 8 Complete	0 days	100%	Wed 9/24/08	Wed 9/24/08
96	**MIS**	**MIS Build 9**	**59 days**	**100%**	**Mon 8/25/08**	**Fri 11/14/08**
97	MIS	MIS Build 9 Start	0 days	100%	Mon 8/25/08	Mon 8/25/08
98	**MIS**	**Finalize Requirements For Build 9**	**5 days**	**100%**	**Mon 8/25/08**	**Fri 8/29/08**
99	MIS	COMMS Reports	5 days	100%	Mon 8/25/08	Fri 8/29/08
100	**MIS**	**Development**	**47 days**	**100%**	**Mon 9/1/08**	**Wed 11/5/08**
101	MIS	Develop Build 9 Specific Items	31 days	100%	Mon 9/1/08	Tue 10/14/08
102	MIS	Unit Test Finished Build 9	2 days	100%	Tue 10/21/08	Wed 10/22/08
103	MIS	Fix Identified Bugs From Unit Testing	1 day	100%	Thu 10/23/08	Thu 10/23/08
104	**MIS**	**Close-out Dev & Prepare for iTest**	**14 days**	**100%**	**Fri 10/17/08**	**Wed 11/5/08**
105	MIS	Create Release Notes For Build 9	2 days	100%	Thu 10/23/08	Fri 10/24/08
106	MIS	Create Unit Test Log	2 days	100%	Thu 10/23/08	Fri 10/24/08
107	MIS	Update Properties & Folder IDs for ITest	2 days	100%	Fri 10/17/08	Mon 10/20/08
108	MIS	Create MIS Build 9 Package & Load Into CVS	2 days	100%	Fri 10/17/08	Mon 10/20/08
109	MIS	Create PPM Deployment Package	2 days	100%	Fri 10/17/08	Mon 10/20/08
110	MIS	Get Business Signoff For Build 9	1 day	100%	Tue 10/21/08	Tue 10/21/08
111	MIS	Get Testing Permission To Enter Itest	2 days	100%	Thu 10/23/08	Fri 10/24/08
112	MIS	Update Testing Scope / Test Scripts For Build 9	5 days	100%	Thu 10/30/08	Wed 11/5/08
113	**MIS**	**ITest**	**7 days**	**100%**	**Wed 11/5/08**	**Fri 11/14/08**
114	MIS	Deliver Deployed Build to ITest via PPM Tool	0 days	100%	Wed 11/5/08	Wed 11/5/08
116	MIS	ITest Testing For Build (see note)	7 days	100%	Thu 11/6/08	Fri 11/14/08
117	MIS	MIS Build 9 Complete	0 days	100%	Fri 11/14/08	Fri 11/14/08
119	**MIS**	**MIS Build 10**	**63 days**	**100%**	**Tue 10/28/08**	**Wed 2/11/09**
120	MIS	MIS Build 10 Start	0 days	100%	Mon 11/3/08	Mon 11/3/08
121	**MIS**	**Finalize Requirements For Build 10**	**18 days**	**100%**	**Tue 10/28/08**	**Fri 11/21/08**

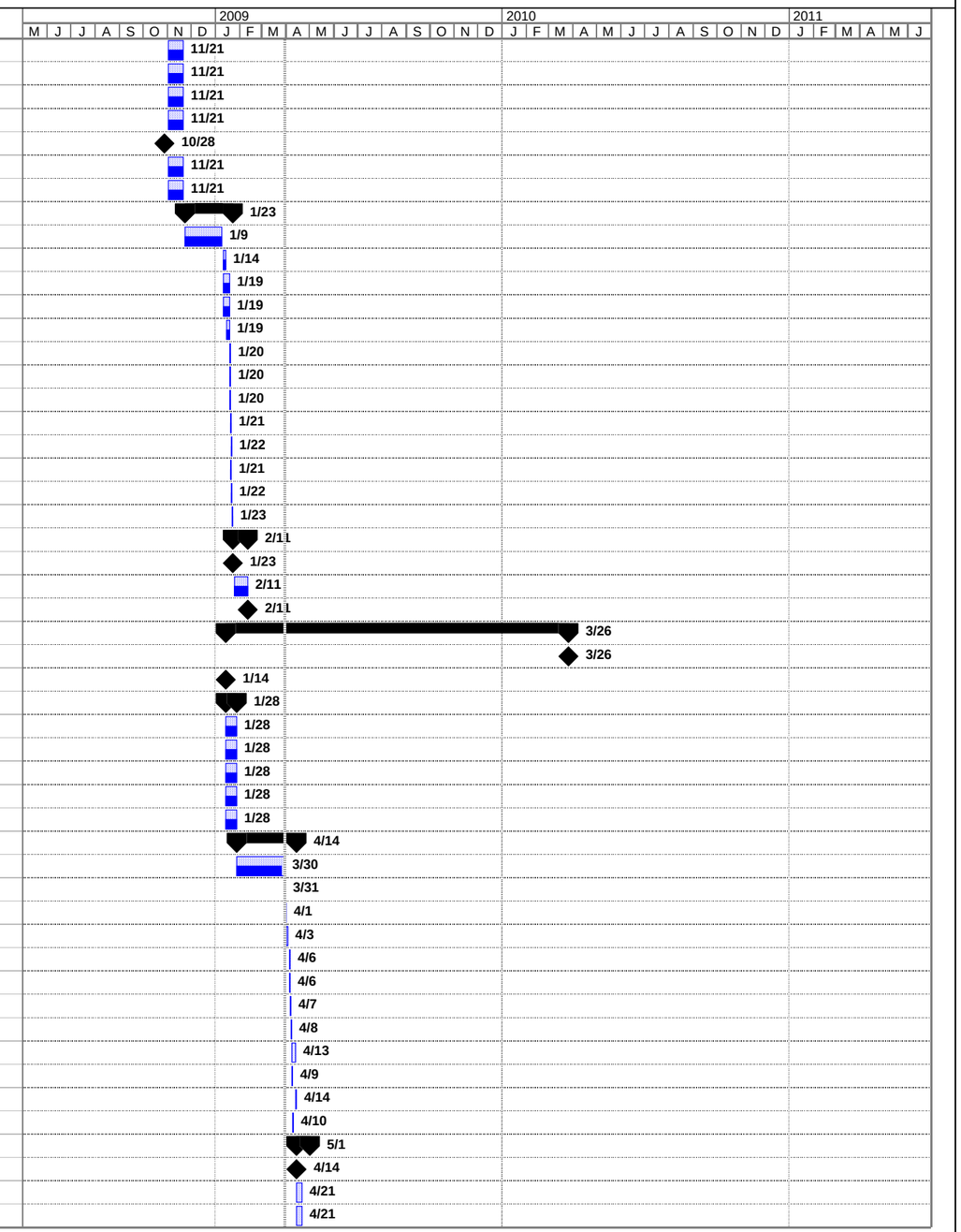


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
122	MIS	Outage Scheduler Reports	15 days	100%	Mon 11/3/08	Fri 11/21/08
123	MIS	EMS Reports	15 days	100%	Mon 11/3/08	Fri 11/21/08
124	MIS	MMS Reports	15 days	100%	Mon 11/3/08	Fri 11/21/08
125	MIS	COMMS Reports	15 days	100%	Mon 11/3/08	Fri 11/21/08
127	MIS	Receive 3C Development Reports from CDR	0 days	100%	Tue 10/28/08	Tue 10/28/08
128	MIS	CDR Reports	15 days	100%	Mon 11/3/08	Fri 11/21/08
129	MIS	Other Reports	15 days	100%	Mon 11/3/08	Fri 11/21/08
130	**MIS**	**Development For Build 10**	**32 days**	**100%**	**Mon 11/24/08**	**Fri 1/23/09**
131	MIS	Develop Build 10 Specific Items	22 days	100%	Mon 11/24/08	Fri 1/9/09
132	MIS	Create View By Protocal Links & Update Content for Build 10	3 days	100%	Mon 1/12/09	Wed 1/14/09
133	MIS	Create Release Notes For Build 10	6 days	100%	Mon 1/12/09	Mon 1/19/09
134	MIS	Add Portal Components to Build 10	6 days	100%	Mon 1/12/09	Mon 1/19/09
135	MIS	Unit Test Finished Build 10	2 days	100%	Fri 1/16/09	Mon 1/19/09
136	MIS	Fix Identified Bugs From Unit Testing	1 day	100%	Tue 1/20/09	Tue 1/20/09
137	MIS	Create Unit Test Log	1 day	100%	Tue 1/20/09	Tue 1/20/09
138	MIS	Update Properties & Folder IDs for ITest	1 day	100%	Tue 1/20/09	Tue 1/20/09
139	MIS	Create MIS Build 10 Package & Load Into CVS	1 day	100%	Wed 1/21/09	Wed 1/21/09
140	MIS	Create PPM Deployment Package	1 day	100%	Thu 1/22/09	Thu 1/22/09
141	MIS	Get Business Signoff For Build 10	1 day	100%	Wed 1/21/09	Wed 1/21/09
142	MIS	Get Testing Permission To Enter ITest	1 day	100%	Thu 1/22/09	Thu 1/22/09
143	MIS	Update Testing Scope / Test Scripts For Build 10	1 day	100%	Fri 1/23/09	Fri 1/23/09
144	**MIS**	**Itest For Build 10**	**13 days**	**100%**	**Fri 1/23/09**	**Wed 2/11/09**
145	MIS	Deliver Deployed Build to ITest via PPM Tool	0 days	100%	Fri 1/23/09	Fri 1/23/09
147	MIS	ITest Testing For Build	13 days	100%	Mon 1/26/09	Wed 2/11/09
148	MIS	MIS Build 10 Complete	0 days	100%	Wed 2/11/09	Wed 2/11/09
149	**MIS**	**MIS Build 11**	**296 days**	**72%**	**Wed 1/14/09**	**Fri 3/26/10**
151	MIS	Receive Reports & Extracts for Build 11 from EDW	0 days	0%	Fri 3/26/10	Fri 3/26/10
152	MIS	MIS Build 11 Start	0 days	100%	Wed 1/14/09	Wed 1/14/09
153	**MIS**	**Finalize Requirements (Build 11)**	**10 days**	**100%**	**Thu 1/15/09**	**Wed 1/28/09**
154	MIS	Outage Scheduler Reports	10 days	100%	Thu 1/15/09	Wed 1/28/09
155	MIS	EMS Reports	10 days	100%	Thu 1/15/09	Wed 1/28/09
156	MIS	MMS Reports	10 days	100%	Thu 1/15/09	Wed 1/28/09
157	MIS	COMMS Reports	10 days	100%	Thu 1/15/09	Wed 1/28/09
158	MIS	Other Reports	10 days	100%	Thu 1/15/09	Wed 1/28/09
159	**MIS**	**Development (Build 11)**	**54 days**	**70%**	**Thu 1/29/09**	**Tue 4/14/09**
160	MIS	Develop Build 11 Specific Items	43 days	95%	Thu 1/29/09	Mon 3/30/09
161	MIS	Create Release Notes For Build 11	1 day	0%	Tue 3/31/09	Tue 3/31/09
162	MIS	Unit Test Finished Build 11	2 days	0%	Tue 3/31/09	Wed 4/1/09
163	MIS	Fix Identified Bugs From Unit Testing	2 days	0%	Thu 4/2/09	Fri 4/3/09
164	MIS	Create Unit Test Log	1 day	0%	Mon 4/6/09	Mon 4/6/09
165	MIS	Update Properties & Folder IDs for ITest	1 day	0%	Mon 4/6/09	Mon 4/6/09
166	MIS	Create MIS Build 11 Package & Load Into CVS	1 day	0%	Tue 4/7/09	Tue 4/7/09
167	MIS	Create PPM Deployment Package	1 day	0%	Wed 4/8/09	Wed 4/8/09
168	MIS	Code drop & Smoke Test	3 days	0%	Thu 4/9/09	Mon 4/13/09
169	MIS	Get Business Signoff For Build 11	1 day	0%	Thu 4/9/09	Thu 4/9/09
170	MIS	Get Testing Permission To Enter ITest	1 day	0%	Tue 4/14/09	Tue 4/14/09
171	MIS	Update Testing Scope / Test Scripts For Build 11	1 day	0%	Fri 4/10/09	Fri 4/10/09
172	**MIS**	**Itest(Build 11)**	**13 days**	**0%**	**Tue 4/14/09**	**Fri 5/1/09**
173	MIS	Deliver Deployed Build to ITest via PPM Tool	0 days	0%	Tue 4/14/09	Tue 4/14/09
175	MIS	Integration Testing	5 days	0%	Wed 4/15/09	Tue 4/21/09
176	MIS	ITest Testing For Build	5 days	0%	Wed 4/15/09	Tue 4/21/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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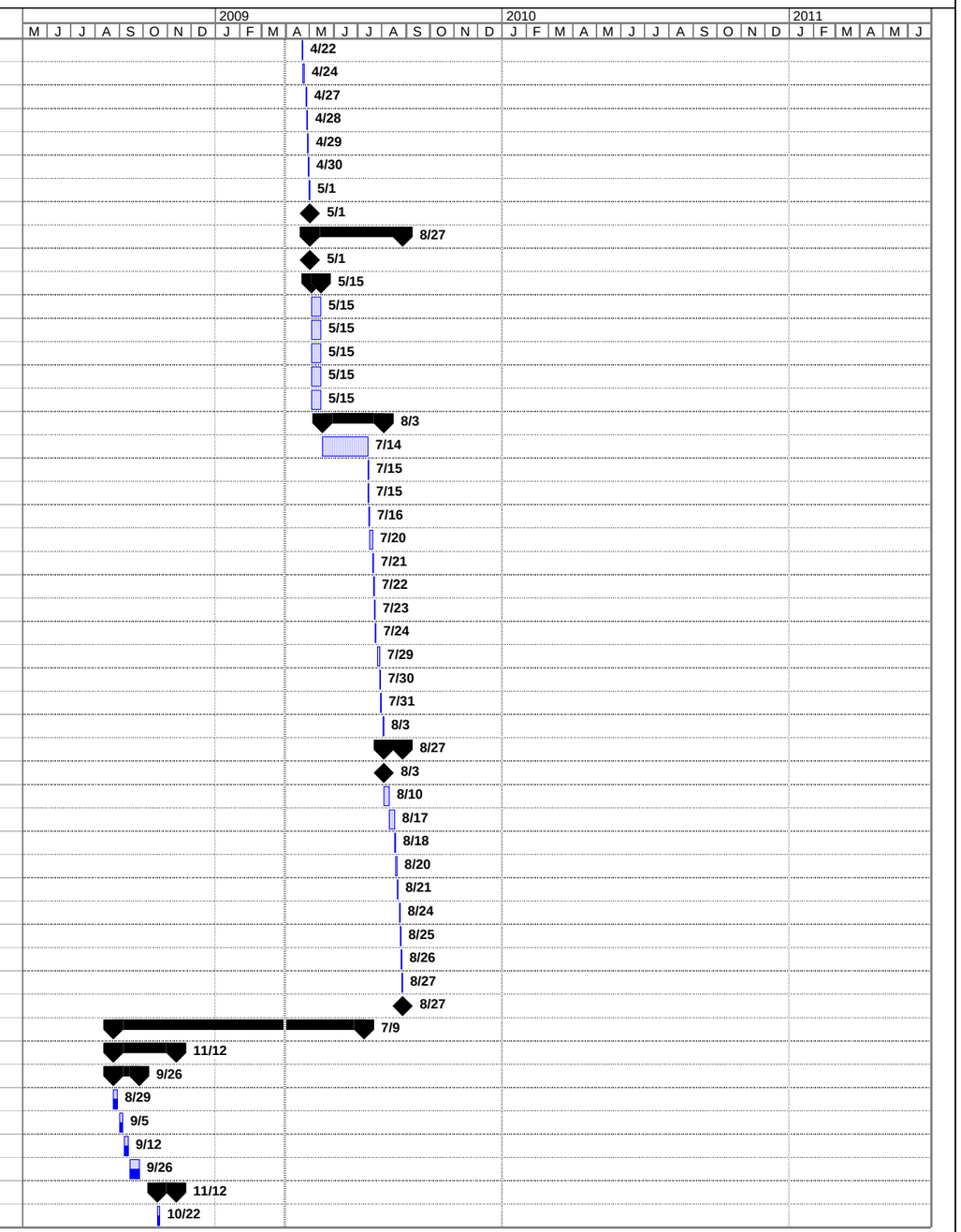
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
177	MIS	Review Bugs Identified In ITest	1 day	0%	Wed 4/22/09	Wed 4/22/09
178	MIS	Fix ITest Identified Bugs	2 days	0%	Thu 4/23/09	Fri 4/24/09
179	MIS	Create New Build With Bug Fixes & Load into CVS	1 day	0%	Mon 4/27/09	Mon 4/27/09
180	MIS	Update Release Notes & Test Scripts For Build 11.1	1 day	0%	Tue 4/28/09	Tue 4/28/09
181	MIS	Deploy Build 11.1 to ITest	1 day	0%	Wed 4/29/09	Wed 4/29/09
182	MIS	ITest Testing for Build 11.1	1 day	0%	Thu 4/30/09	Thu 4/30/09
183	MIS	Meet ITest Exit Criteria	1 day	0%	Fri 5/1/09	Fri 5/1/09
184	MIS	MIS Build 11 Complete	0 days	0%	Fri 5/1/09	Fri 5/1/09
186	**MIS**	**MIS Build 12**	**82 days**	**0%**	**Fri 5/1/09**	**Thu 8/27/09**
187	MIS	MIS Build 12 Start	0 days	0%	Fri 5/1/09	Fri 5/1/09
188	**MIS**	**Finalize Requirements (Build 12)**	**10 days**	**0%**	**Mon 5/4/09**	**Fri 5/15/09**
189	MIS	Outage Scheduler Reports	10 days	0%	Mon 5/4/09	Fri 5/15/09
190	MIS	EMS Reports	10 days	0%	Mon 5/4/09	Fri 5/15/09
191	MIS	MMS Reports	10 days	0%	Mon 5/4/09	Fri 5/15/09
192	MIS	COMMS Reports	10 days	0%	Mon 5/4/09	Fri 5/15/09
193	MIS	Other Reports	10 days	0%	Mon 5/4/09	Fri 5/15/09
194	**MIS**	**Development (Build 12)**	**54 days**	**0%**	**Mon 5/18/09**	**Mon 8/3/09**
195	MIS	Develop Build 12 Specific Items	40 days	0%	Mon 5/18/09	Tue 7/14/09
196	MIS	Create View By Protocal Links Links & Update Content for Build 12	1 day	0%	Wed 7/15/09	Wed 7/15/09
197	MIS	Create Release Notes For Build 12	1 day	0%	Wed 7/15/09	Wed 7/15/09
198	MIS	Unit Test Finished Build 12	1 day	0%	Thu 7/16/09	Thu 7/16/09
199	MIS	Fix Identified Bugs From Unit Testing	2 days	0%	Fri 7/17/09	Mon 7/20/09
200	MIS	Create Unit Test Log	1 day	0%	Tue 7/21/09	Tue 7/21/09
201	MIS	Update Properties & Folder IDs for ITest	1 day	0%	Wed 7/22/09	Wed 7/22/09
202	MIS	Create MIS Build 12 Package & Load Into CVS	1 day	0%	Thu 7/23/09	Thu 7/23/09
203	MIS	Create PPM Deployment Package	1 day	0%	Fri 7/24/09	Fri 7/24/09
204	MIS	Code drop & Smoke Test	3 days	0%	Mon 7/27/09	Wed 7/29/09
205	MIS	Get Business Signoff For Build 12	1 day	0%	Thu 7/30/09	Thu 7/30/09
206	MIS	Get Testing Permission To Enter ITest	1 day	0%	Fri 7/31/09	Fri 7/31/09
207	MIS	Update Testing Scope / Test Scripts For Build 12	1 day	0%	Mon 8/3/09	Mon 8/3/09
208	**MIS**	**Itest(Build 12)**	**18 days**	**0%**	**Mon 8/3/09**	**Thu 8/27/09**
209	MIS	Deliver Build 12 to ITest via PPM Tool	0 days	0%	Mon 8/3/09	Mon 8/3/09
210	MIS	Integration Testing	5 days	0%	Tue 8/4/09	Mon 8/10/09
211	MIS	ITest Testing For Build	5 days	0%	Tue 8/11/09	Mon 8/17/09
212	MIS	Review Bugs Identified In ITest	1 day	0%	Tue 8/18/09	Tue 8/18/09
213	MIS	Fix ITest Identified Bugs	2 days	0%	Wed 8/19/09	Thu 8/20/09
214	MIS	Create New Build With Bug Fixes & Load into CVS	1 day	0%	Fri 8/21/09	Fri 8/21/09
215	MIS	Update Release Notes & Test Scripts For Build 12.1	1 day	0%	Mon 8/24/09	Mon 8/24/09
216	MIS	Deploy Build 12.1 to ITest	1 day	0%	Tue 8/25/09	Tue 8/25/09
217	MIS	ITest Testing for Build 12.1	1 day	0%	Wed 8/26/09	Wed 8/26/09
218	MIS	Meet ITest Exit Criteria	1 day	0%	Thu 8/27/09	Thu 8/27/09
219	MIS	MIS Build 12 Complete	0 days	0%	Thu 8/27/09	Thu 8/27/09
221	**MIS**	**Portal Components**	**213 days**	**67%**	**Mon 8/25/08**	**Thu 7/9/09**
222	**MIS**	**Build 9 or Prior Portlet Components**	**57 days**	**100%**	**Mon 8/25/08**	**Wed 11/12/08**
223	**MIS**	**MyPage Customization**	**24 days**	**100%**	**Mon 8/25/08**	**Fri 9/26/08**
224	MIS	Subscribe Portlet To a Pane Construction	5 days	100%	Mon 8/25/08	Fri 8/29/08
225	MIS	Unsubscribe Portlet To a Pane Construction	4 days	100%	Tue 9/2/08	Fri 9/5/08
226	MIS	Change Order of Porlets within Pane Construction	5 days	100%	Mon 9/8/08	Fri 9/12/08
227	MIS	UI Customization	10 days	100%	Mon 9/15/08	Fri 9/26/08
228	**MIS**	**Search**	**18 days**	**100%**	**Mon 10/20/08**	**Wed 11/12/08**
229	MIS	Modify Search Page Based on UI Feedback	3 days	100%	Mon 10/20/08	Wed 10/22/08



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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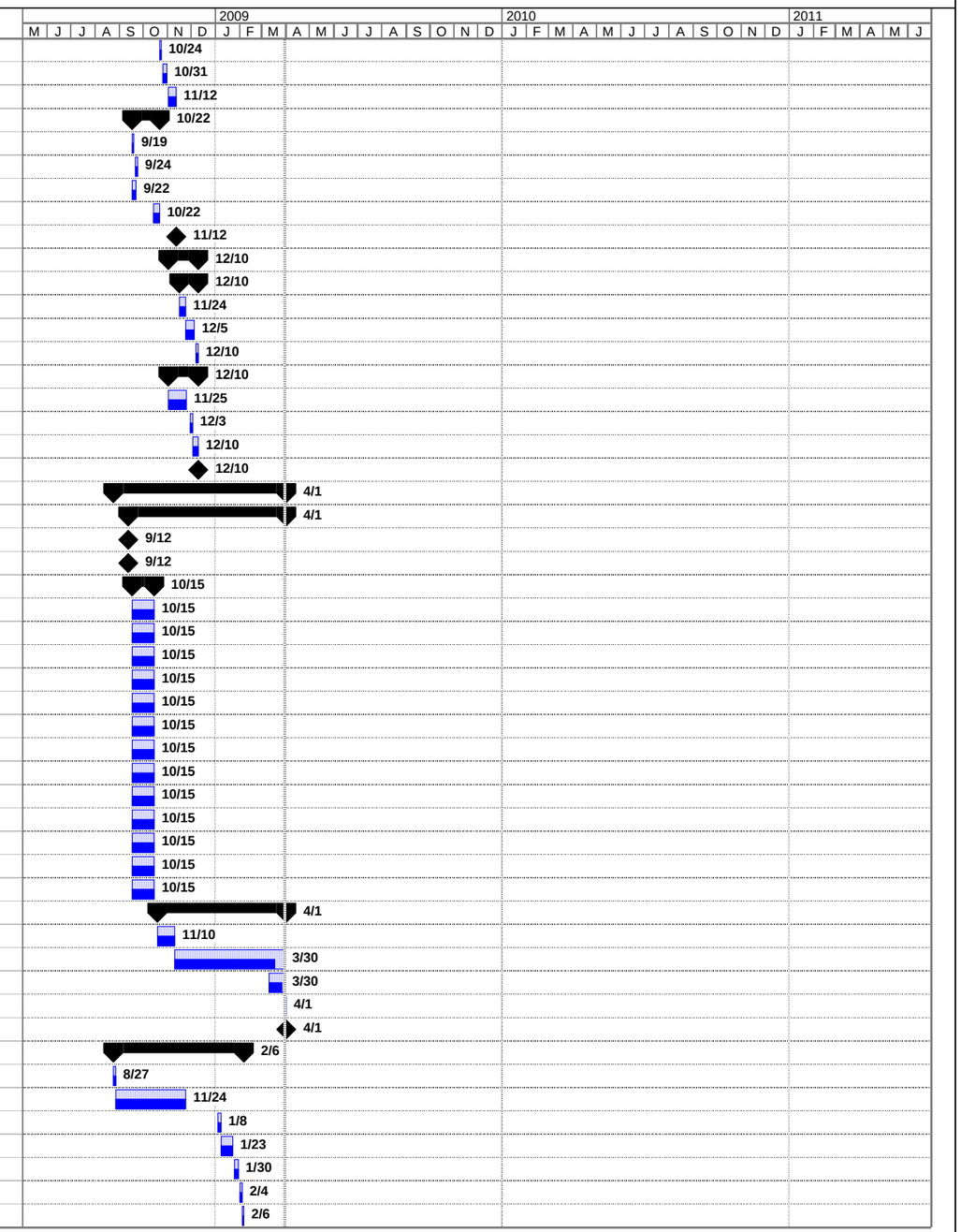
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
230	MIS	Update Advance Search	2 days	100%	Thu 10/23/08	Fri 10/24/08
231	MIS	Create Search Zones	5 days	100%	Mon 10/27/08	Fri 10/31/08
232	MIS	Finalize Search Query	8 days	100%	Mon 11/3/08	Wed 11/12/08
233	**MIS**	**View By Protocal**	**25 days**	**100%**	**Thu 9/18/08**	**Wed 10/22/08**
234	MIS	Create View By Protocol Pass Through Portlet	2 days	100%	Thu 9/18/08	Fri 9/19/08
235	MIS	Create Links & Update Content for Build 7	3 days	100%	Mon 9/22/08	Wed 9/24/08
236	MIS	Create Links & Update Content for Build 8	3 days	100%	Thu 9/18/08	Mon 9/22/08
237	MIS	Create Links & Update Content for Build 9	6 days	100%	Wed 10/15/08	Wed 10/22/08
238	MIS	Build 9 and Prior Components Complete	0 days	100%	Wed 11/12/08	Wed 11/12/08
239	**MIS**	**Build 10 Portlet Components**	**25 days**	**100%**	**Mon 11/3/08**	**Wed 12/10/08**
240	**MIS**	**Notification Portlet**	**15 days**	**100%**	**Mon 11/17/08**	**Wed 12/10/08**
241	MIS	Create Notice Portlet	6 days	100%	Mon 11/17/08	Mon 11/24/08
242	MIS	Integrate with Notice Database	6 days	100%	Tue 11/25/08	Fri 12/5/08
243	MIS	Hard Code Portlet with MPIM Information	3 days	100%	Mon 12/8/08	Wed 12/10/08
244	**MIS**	**Notice Builder**	**25 days**	**100%**	**Mon 11/3/08**	**Wed 12/10/08**
245	MIS	Create App for Notice Creation	17 days	100%	Mon 11/3/08	Tue 11/25/08
246	MIS	Create UI for Notice Creation	3 days	100%	Mon 12/1/08	Wed 12/3/08
247	MIS	Pass Notice Information to Notices Database	5 days	100%	Thu 12/4/08	Wed 12/10/08
248	MIS	Portlet Components for Build 10 Complete	0 days	100%	Wed 12/10/08	Wed 12/10/08
249	**MIS**	**Build 11 Portlet Components**	**144 days**	**97%**	**Mon 8/25/08**	**Wed 4/1/09**
250	**MIS**	**Dashboards**	**130 days**	**97%**	**Fri 9/12/08**	**Wed 4/1/09**
251	MIS	Data Available from EIP034	0 days	100%	Fri 9/12/08	Fri 9/12/08
252	MIS	Dashboard Data Available from CDR	0 days	100%	Fri 9/12/08	Fri 9/12/08
253	**MIS**	**Review Dashboards with TPTF**	**20 days**	**100%**	**Thu 9/18/08**	**Wed 10/15/08**
254	MIS	LMP Contour Map	20 days	100%	Thu 9/18/08	Wed 10/15/08
255	MIS	Load Forecast vs. Actual	20 days	100%	Thu 9/18/08	Wed 10/15/08
256	MIS	Weather	20 days	100%	Thu 9/18/08	Wed 10/15/08
257	MIS	Day-Ahead & Real-Time LMPs	20 days	100%	Thu 9/18/08	Wed 10/15/08
258	MIS	DC Ties	20 days	100%	Thu 9/18/08	Wed 10/15/08
259	MIS	LMP Ticker	20 days	100%	Thu 9/18/08	Wed 10/15/08
260	MIS	ERCOT ACE	20 days	100%	Thu 9/18/08	Wed 10/15/08
261	MIS	Operating & Seven-Day Load Forecast	20 days	100%	Thu 9/18/08	Wed 10/15/08
262	MIS	Undeployed Responsive Reserve	20 days	100%	Thu 9/18/08	Wed 10/15/08
263	MIS	Non-Spinning Reserve	20 days	100%	Thu 9/18/08	Wed 10/15/08
264	MIS	Undeployed Reg Up & Reg Down	20 days	100%	Thu 9/18/08	Wed 10/15/08
265	MIS	Capacity for Inc/Dec Base Points in SCED	20 days	100%	Thu 9/18/08	Wed 10/15/08
266	MIS	Frequency	20 days	100%	Thu 9/18/08	Wed 10/15/08
267	**MIS**	**Construction**	**105 days**	**90%**	**Mon 10/20/08**	**Wed 4/1/09**
268	MIS	Update Wireframes Based on TPTF Feedback	16 days	100%	Mon 10/20/08	Mon 11/10/08
269	MIS	Create Dashboards Group 1 in Jreports Based On Wireframes	87 days	90%	Tue 11/11/08	Mon 3/30/09
270	MIS	Link Dashboards Group 1 to EIP Webservices	14 days	90%	Wed 3/11/09	Mon 3/30/09
271	MIS	Create Passthrough Portlets for Dashboards Group 1	2 days	0%	Tue 3/31/09	Wed 4/1/09
272	MIS	Dashboard Group 1Portal Components Complete	0 days	0%	Wed 4/1/09	Wed 4/1/09
273	**MIS**	**Portlet Type A for Reports**	**106 days**	**100%**	**Mon 8/25/08**	**Fri 2/6/09**
274	MIS	Set Up Jreports for Reporting (Initial)	3 days	100%	Mon 8/25/08	Wed 8/27/08
275	MIS	Procure Jinfonet Consulting Services	62 days	100%	Thu 8/28/08	Mon 11/24/08
276	MIS	Training (Jinfonet)	4 days	100%	Mon 1/5/09	Thu 1/8/09
277	MIS	Set Up Jreports for Reporting (Final)	11 days	100%	Fri 1/9/09	Fri 1/23/09
278	MIS	Integrate with MID/MIR Queries	5 days	100%	Mon 1/26/09	Fri 1/30/09
279	MIS	Update Report Formatting	3 days	100%	Mon 2/2/09	Wed 2/4/09
280	MIS	Create Passthourgh Porlet Look & Feel	2 days	100%	Thu 2/5/09	Fri 2/6/09



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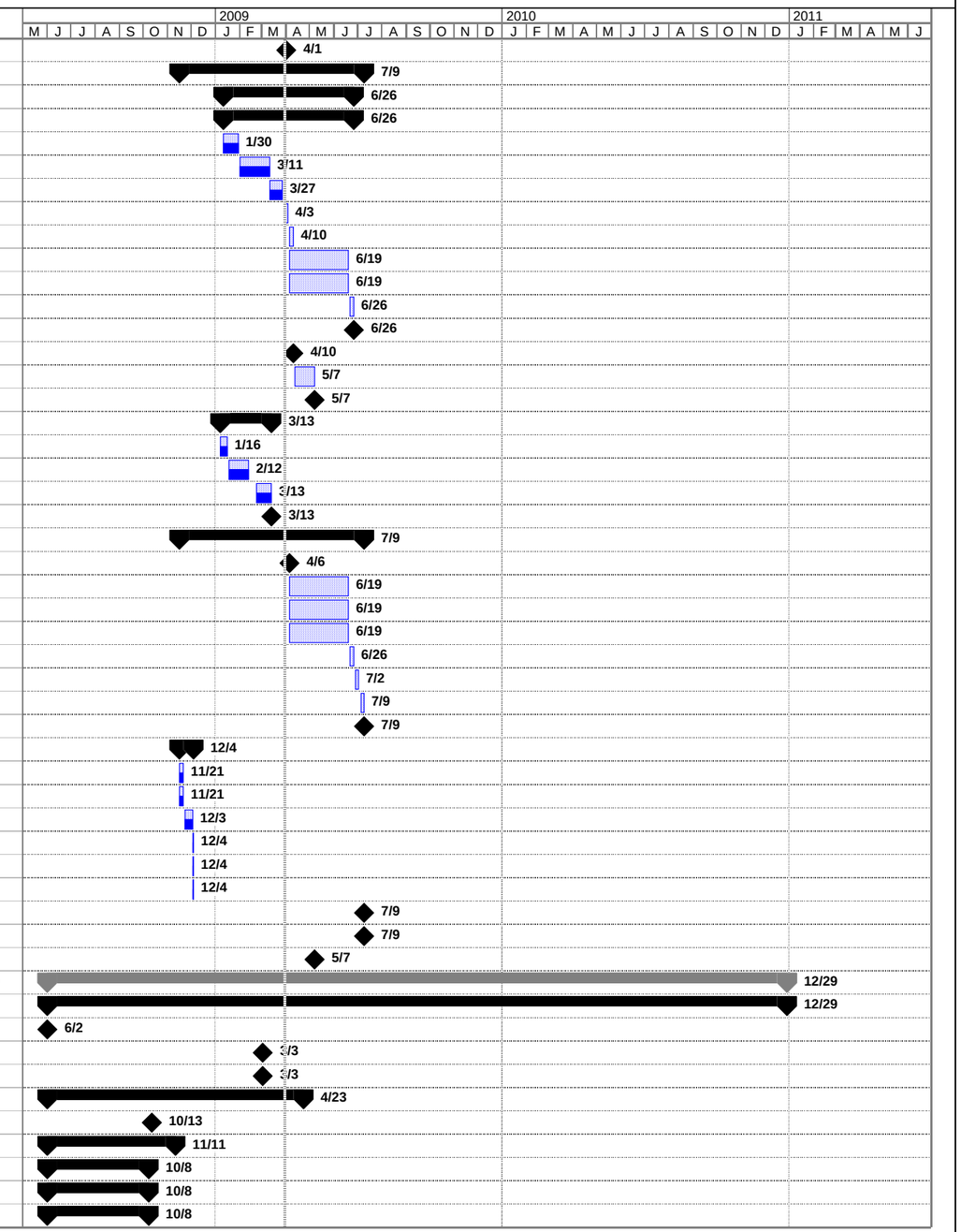
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
281	MIS	Portlet Components for Build 11 Complete	0 days	0%	Wed 4/1/09	Wed 4/1/09
283	**MIS**	**Build 12 Portlet Components**	**154 days**	**26%**	**Mon 11/17/08**	**Thu 7/9/09**
284	**MIS**	**Applications**	**119 days**	**28%**	**Mon 1/12/09**	**Fri 6/26/09**
285	**MIS**	**Extract Scheduler**	**119 days**	**28%**	**Mon 1/12/09**	**Fri 6/26/09**
286	MIS	Extract Scheduler Requirements complete	15 days	100%	Mon 1/12/09	Fri 1/30/09
287	MIS	Extract Scheduler Coding complete	28 days	100%	Mon 2/2/09	Wed 3/11/09
288	MIS	Database Refresh	12 days	100%	Thu 3/12/09	Fri 3/27/09
289	MIS	Extract scheduler testing complete	5 days	0%	Mon 3/30/09	Fri 4/3/09
290	MIS	Extract Scheduler links to MIS complete	5 days	0%	Mon 4/6/09	Fri 4/10/09
291	MIS	Create Dashboards Group 2 in Jreports Based On Wireframes	54 days	0%	Mon 4/6/09	Fri 6/19/09
292	MIS	Link Dashboards Group 2 to EIP Webservices	54 days	0%	Mon 4/6/09	Fri 6/19/09
294	MIS	Create Passthrough Portlets for Dashboards Group 2	5 days	0%	Mon 6/22/09	Fri 6/26/09
295	MIS	Dashboard Group 2 Portal Components Complete	0 days	0%	Fri 6/26/09	Fri 6/26/09
296	MIS	Deliver Completed Extract Scheduler links to EDW	0 days	0%	Fri 4/10/09	Fri 4/10/09
298	MIS	MP API built	19 days	0%	Mon 4/13/09	Thu 5/7/09
299	MIS	Extract Scheduler Complete	0 days	0%	Thu 5/7/09	Thu 5/7/09
300	**MIS**	**Help**	**47 days**	**100%**	**Thu 1/8/09**	**Fri 3/13/09**
301	MIS	Work with Training to Identify Level Of Help Required	7 days	100%	Thu 1/8/09	Fri 1/16/09
302	MIS	Create Help Information	19 days	100%	Mon 1/19/09	Thu 2/12/09
303	MIS	Update Portlet Areas with Help Information	15 days	100%	Mon 2/23/09	Fri 3/13/09
304	MIS	Help Complete	0 days	100%	Fri 3/13/09	Fri 3/13/09
305	**MIS**	**Load Balancing & Failover**	**154 days**	**9%**	**Mon 11/17/08**	**Thu 7/9/09**
306	MIS	Program External - Development Load Balancer Installed	0 days	0%	Mon 4/6/09	Mon 4/6/09
307	MIS	Install MIS Portal as a cluster on STEST	54 days	0%	Mon 4/6/09	Fri 6/19/09
308	MIS	Set up Apache load balancer for round robin load	54 days	0%	Mon 4/6/09	Fri 6/19/09
309	MIS	set up Tomcat cluster for both these machines	54 days	0%	Mon 4/6/09	Fri 6/19/09
310	MIS	Test for load balancing	5 days	0%	Mon 6/22/09	Fri 6/26/09
311	MIS	Update Configuration in iTEST	4 days	0%	Mon 6/29/09	Thu 7/2/09
312	MIS	Update Configuration in EDW	4 days	0%	Mon 7/6/09	Thu 7/9/09
313	MIS	Load Balancing & Failover Complete	0 days	0%	Thu 7/9/09	Thu 7/9/09
314	**MIS**	**LDAP Sync with ITEST**	**11 days**	**100%**	**Mon 11/17/08**	**Thu 12/4/08**
315	MIS	Set up failover box with new LDAP and Policy	5 days	100%	Mon 11/17/08	Fri 11/21/08
316	MIS	Ensure ports are open and node2nodes have been submitted	5 days	100%	Mon 11/17/08	Fri 11/21/08
317	MIS	Create updated LDIF with new structure	5 days	100%	Mon 11/24/08	Wed 12/3/08
318	MIS	Import new LDAP	1 day	100%	Thu 12/4/08	Thu 12/4/08
319	MIS	Update Policy to reflect LDAP changes	1 day	100%	Thu 12/4/08	Thu 12/4/08
320	MIS	Ensure all applications and environemtn piece point to new box	1 day	100%	Thu 12/4/08	Thu 12/4/08
321	MIS	Portlet Components for Build 12 Complete	0 days	0%	Thu 7/9/09	Thu 7/9/09
322	MIS	Portlet Components Complete	0 days	0%	Thu 7/9/09	Thu 7/9/09
323	MIS	MISProject End	0 days	0%	Thu 5/7/09	Thu 5/7/09
10	**Nodal IPS**	**COMS - Commercial Systems**	**639 days**	**74%**	**Mon 6/2/08**	**Wed 12/29/10**
1	**COMS**	**New COMS Program**	**639 days**	**74%**	**Mon 6/2/08**	**Wed 12/29/10**
2	COMS	COMS Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
3	COMS	Publish Extract DDL	0 days	100%	Tue 3/3/09	Tue 3/3/09
5	COMS	Publish User Guides	0 days	100%	Tue 3/3/09	Tue 3/3/09
7	**COMS**	**COMS: Settlements & Billing / Data Agg / CSI**	**219 days**	**96%**	**Mon 6/2/08**	**Thu 4/23/09**
8	COMS	Replan Start	0 days	100%	Mon 10/13/08	Mon 10/13/08
9	**COMS S&B**	**Settlements & Billing (core)**	**115 days**	**100%**	**Mon 6/2/08**	**Tue 11/11/08**
10	**COMS S&B**	**Planning**	**91 days**	**100%**	**Mon 6/2/08**	**Wed 10/8/08**
11	**COMS S&B**	**Requirements**	**91 days**	**100%**	**Mon 6/2/08**	**Wed 10/8/08**
12	**COMS S&B**	**Functional Requirements**	**91 days**	**100%**	**Mon 6/2/08**	**Wed 10/8/08**

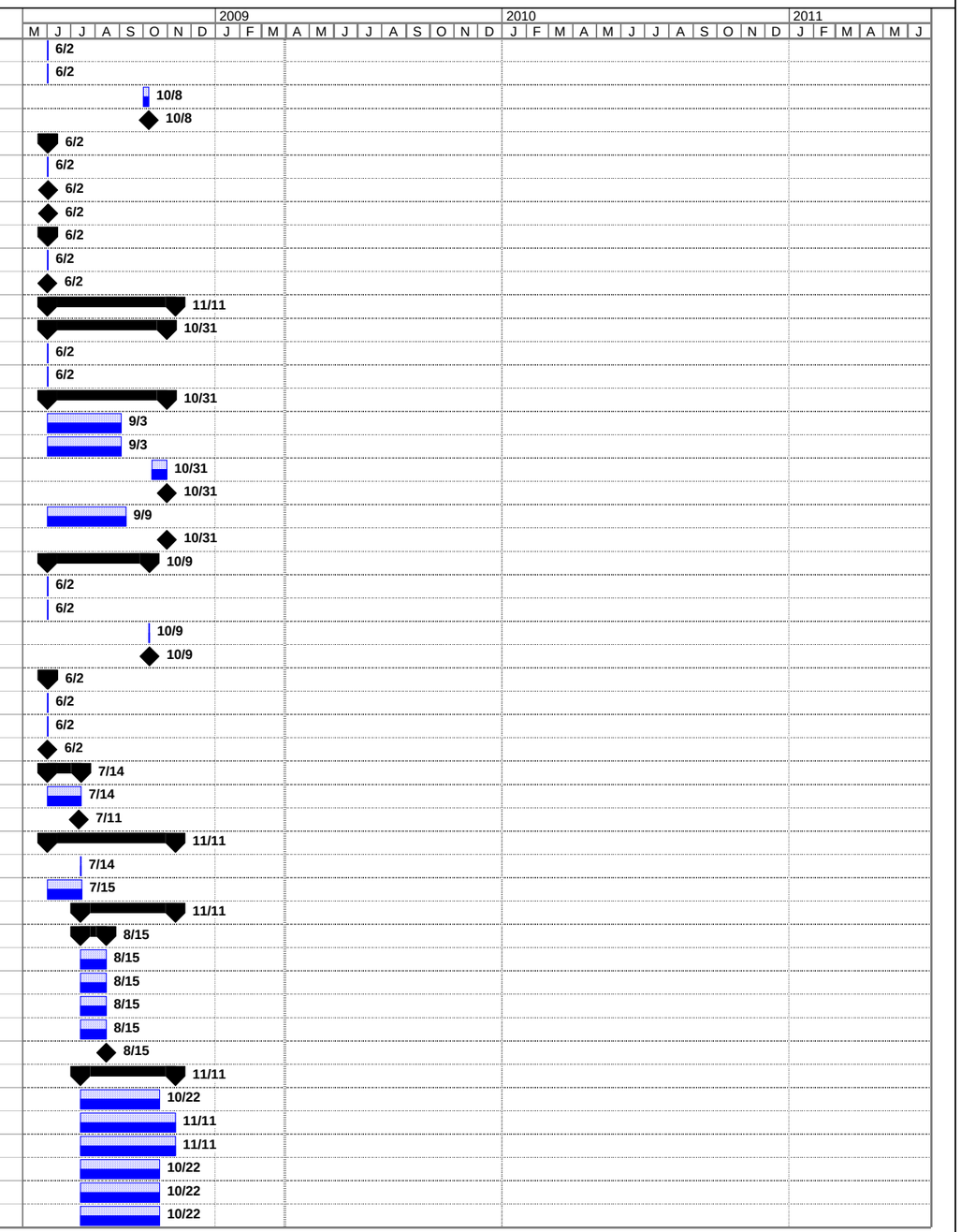


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

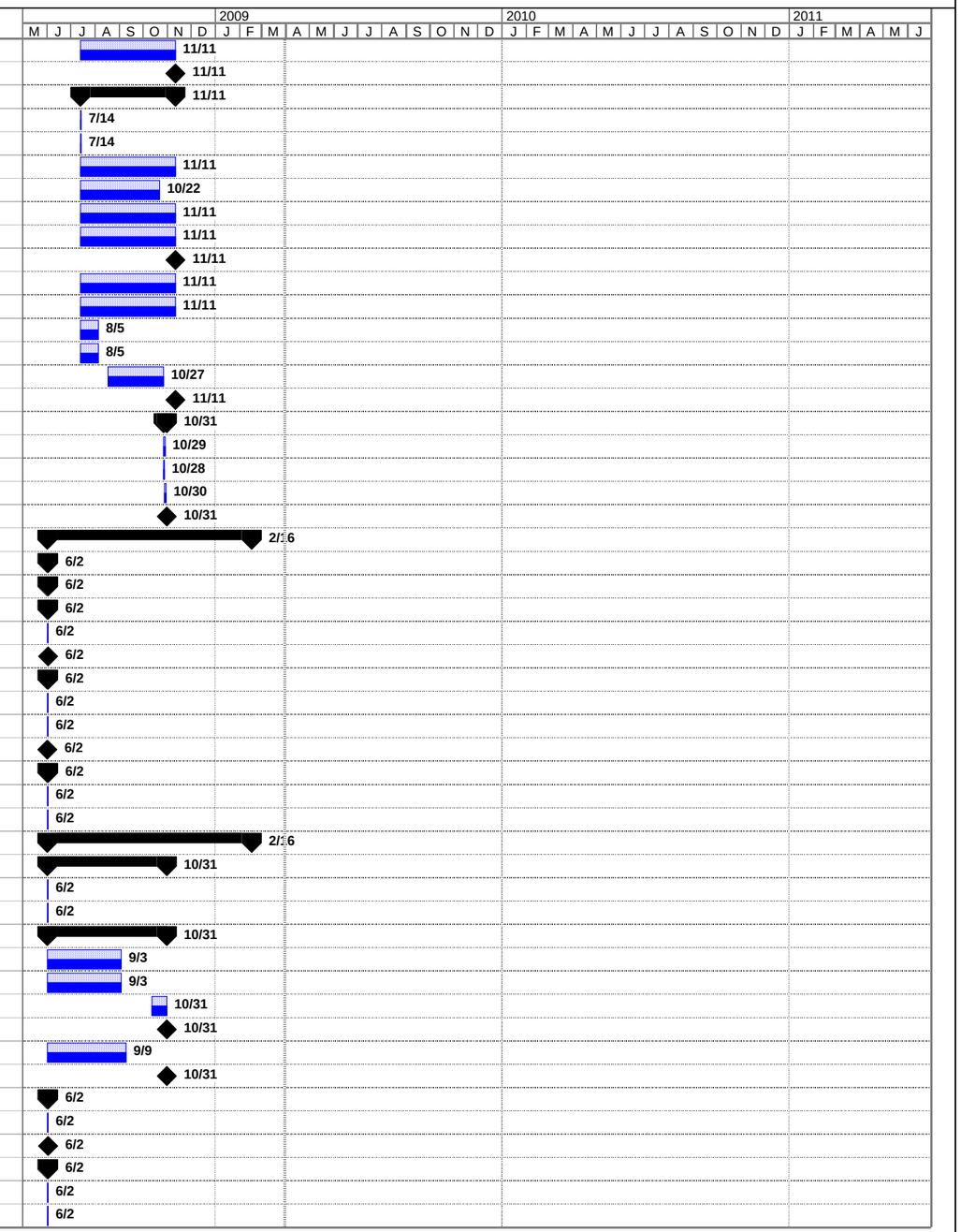
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
13	COMS S&B	S&B Functional Requirements Version 1 (protocol driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
14	COMS S&B	S&B Functional Requirements Version 2 (protocol driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
15	COMS S&B	S&B Functional Requirements Version 3 (protocol driven)	5 days	100%	Thu 10/2/08	Wed 10/8/08
16	COMS S&B	Settlements & Billing Requirements Completed	0 days	100%	Wed 10/8/08	Wed 10/8/08
17	**COMS S&B**	**Design**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
18	COMS S&B	Develop S&B Functional Decomposition	1 day	100%	Mon 6/2/08	Mon 6/2/08
19	COMS S&B	Develop S&B CSD/Detailed Design Version 1 (Functional Requirement driven)	0 days	100%	Mon 6/2/08	Mon 6/2/08
20	COMS S&B	Settlements & Billing CSD/Detailed Design Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
21	**COMS S&B**	**Technical Architecture**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
22	COMS S&B	Draft TA document for Lodestar S&B environments	1 day	100%	Mon 6/2/08	Mon 6/2/08
23	COMS S&B	Settlements & Billing TA Document Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
24	**COMS S&B**	**Execution**	**115 days**	**100%**	**Mon 6/2/08**	**Tue 11/11/08**
25	**COMS S&B**	**Infrastructure**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
26	COMS S&B	Perform Build out of Development Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
27	COMS S&B	Perform Build out of PTEST (FAT) Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
28	**COMS S&B**	**Perform Build out of Itest Env**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
29	COMS S&B	Setup Application Server	66 days	100%	Mon 6/2/08	Wed 9/3/08
30	COMS S&B	Setup Fully integrated database	66 days	100%	Mon 6/2/08	Wed 9/3/08
31	COMS S&B	Setup Pkg1 to Pkg 2 integrated database (IT00NDL)	15 days	100%	Mon 10/13/08	Fri 10/31/08
32	COMS S&B	S&B iTEST Environment Setup Completed	0 days	100%	Fri 10/31/08	Fri 10/31/08
33	COMS S&B	Perform Build out of Production Environment	70 days	100%	Mon 6/2/08	Tue 9/9/08
34	COMS S&B	Settlements & Billing Environment Setup Complete	0 days	100%	Fri 10/31/08	Fri 10/31/08
35	**COMS S&B**	**Test Cases**	**92 days**	**100%**	**Mon 6/2/08**	**Thu 10/9/08**
36	COMS S&B	Develop S&B Test Cases Version 1 (Functional Requirement Driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
37	COMS S&B	Develop S&B Test Cases Version 2 (Functional Requirement Driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
38	COMS S&B	Develop S&B Test Cases Version 3 (Functional Requirement Driven)	1 day	100%	Thu 10/9/08	Thu 10/9/08
39	COMS S&B	Settlements & Billing Test Cases Developed	0 days	100%	Thu 10/9/08	Thu 10/9/08
40	**COMS S&B**	**Test Scripts**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
41	COMS S&B	Develop S&B Test Scripts for prePTEST	1 day	100%	Mon 6/2/08	Mon 6/2/08
42	COMS S&B	Develop S&B Test Scripts for PTEST (FAT)	1 day	100%	Mon 6/2/08	Mon 6/2/08
43	COMS S&B	Settlements & Billing Test Scripts Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
44	**COMS S&B**	**Development**	**30 days**	**100%**	**Mon 6/2/08**	**Mon 7/14/08**
45	COMS S&B	Develop Core Settlements & Billing Rules Language & PLSQL	30 days	100%	Mon 6/2/08	Mon 7/14/08
46	COMS S&B	Core Settlements & Billing Code Complete	0 days	100%	Fri 7/11/08	Fri 7/11/08
47	**COMS S&B**	**Testing**	**115 days**	**100%**	**Mon 6/2/08**	**Tue 11/11/08**
48	COMS S&B	Perform S&B Unit Testing	1 day	100%	Mon 7/14/08	Mon 7/14/08
49	COMS S&B	Perform S&B pre-PTEST	31 days	100%	Mon 6/2/08	Tue 7/15/08
50	**COMS S&B**	**Perform PTEST**	**86 days**	**100%**	**Mon 7/14/08**	**Tue 11/11/08**
51	**COMS S&B**	**Day Ahead Market**	**25 days**	**100%**	**Mon 7/14/08**	**Fri 8/15/08**
52	COMS S&B	FAT Testing -DAM Energy	25 days	100%	Mon 7/14/08	Fri 8/15/08
53	COMS S&B	FAT Testing - DAM AS	25 days	100%	Mon 7/14/08	Fri 8/15/08
54	COMS S&B	FAT Testing - DAM Make Whole	25 days	100%	Mon 7/14/08	Fri 8/15/08
55	COMS S&B	Fat Testing - DAM CRR	25 days	100%	Mon 7/14/08	Fri 8/15/08
56	COMS S&B	DAM PTEST (FAT) Completed	0 days	100%	Fri 8/15/08	Fri 8/15/08
57	**COMS S&B**	**Real Time Market**	**86 days**	**100%**	**Mon 7/14/08**	**Tue 11/11/08**
58	COMS S&B	FAT Testing - RTM Energy	72 days	100%	Mon 7/14/08	Wed 10/22/08
59	COMS S&B	FAT Testing - RTM RUC	86 days	100%	Mon 7/14/08	Tue 11/11/08
60	COMS S&B	FAT Testing - RTM CRR	86 days	100%	Mon 7/14/08	Tue 11/11/08
61	COMS S&B	FAT Testing - RTM AS	72 days	100%	Mon 7/14/08	Wed 10/22/08
62	COMS S&B	FAT Testing - RTM VSS	72 days	100%	Mon 7/14/08	Wed 10/22/08
63	COMS S&B	FAT Testing - RTM Black Start	72 days	100%	Mon 7/14/08	Wed 10/22/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
64	COMS S&B	FAT Testing - RTM RMR	86 days	100%	Mon 7/14/08	Tue 11/11/08
65	COMS S&B	RTM pTEST (FAT) Completed	0 days	100%	Tue 11/11/08	Tue 11/11/08
66	**COMS S&B**	**Statements & Invoices**	**86 days**	**100%**	**Mon 7/14/08**	**Tue 11/11/08**
67	COMS S&B	FAT Testing - DAM Statements	1 day	100%	Mon 7/14/08	Mon 7/14/08
68	COMS S&B	FAT Testing - DAM invoices	1 day	100%	Mon 7/14/08	Mon 7/14/08
69	COMS S&B	FAT Testing - RTM Statements	86 days	100%	Mon 7/14/08	Tue 11/11/08
70	COMS S&B	FAT Testing - RTM Invoices	72 days	100%	Mon 7/14/08	Wed 10/22/08
71	COMS S&B	FAT Testing - CARD	86 days	100%	Mon 7/14/08	Tue 11/11/08
72	COMS S&B	FAT Testing - CRR Balancing Account	86 days	100%	Mon 7/14/08	Tue 11/11/08
73	COMS S&B	FAT Testing - Staments & Invoices pTEST(FAT) Completed	0 days	100%	Tue 11/11/08	Tue 11/11/08
74	COMS S&B	FAT Testing - AIEC	86 days	100%	Mon 7/14/08	Tue 11/11/08
75	COMS S&B	FAT Testing - Eligibility	86 days	100%	Mon 7/14/08	Tue 11/11/08
76	COMS S&B	FAT Testing - CCU Special Build	17 days	100%	Mon 7/14/08	Tue 8/5/08
77	COMS S&B	FAT Testing - Flowgate Special Build	17 days	100%	Mon 7/14/08	Tue 8/5/08
78	COMS S&B	FAT Testing - Verify Settlements & Billing PTEST TAT) for Release to iTest	50 days	100%	Mon 8/18/08	Mon 10/27/08
79	COMS S&B	Settlements & Billing PTEST(FAT) complete	0 days	100%	Tue 11/11/08	Tue 11/11/08
80	**COMS S&B**	**Migration**	**4 days**	**100%**	**Tue 10/28/08**	**Fri 10/31/08**
81	COMS S&B	Generate MMCR (S&B Core Lodestar)	2 days	100%	Tue 10/28/08	Wed 10/29/08
82	COMS S&B	Tag all components for initial iTEST Build (S&B core Lodestar)	1 day	100%	Tue 10/28/08	Tue 10/28/08
83	COMS S&B	Produce Bundle & Release Notes (S&B Core Lodestar)	2 days	100%	Wed 10/29/08	Thu 10/30/08
84	COMS S&B	Deliver Settlements & Billing Migration to ITEST	0 days	100%	Fri 10/31/08	Fri 10/31/08
86	**COMS DA**	**Data Aggregation (core)**	**171 days**	**100%**	**Mon 6/2/08**	**Mon 2/16/09**
87	**COMS DA**	**Planning**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
88	**COMS DA**	**Requirements**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
89	**COMS DA**	**Functional Requirements**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
90	COMS DA	Data Aggregation Functional Requirements Version 1 (protocol driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
91	COMS DA	Data Aggregation Functional Requirements Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
92	**COMS DA**	**Design**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
93	COMS DA	Develop Data Agg Functional Decomposition	1 day	100%	Mon 6/2/08	Mon 6/2/08
94	COMS DA	Devlop Data Agg CSD/Detailed Design Version 1 (Functional Requirement driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
95	COMS DA	Data Aggregation CSD/Detailed Design Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
96	**COMS DA**	**Technical Architecture**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
97	COMS DA	Confirm Data Agg TA with S&B TA	1 day	100%	Mon 6/2/08	Mon 6/2/08
98	COMS DA	Verify Data Agg datamodel constraints with S&B	1 day	100%	Mon 6/2/08	Mon 6/2/08
99	**COMS DA**	**Execution**	**171 days**	**100%**	**Mon 6/2/08**	**Mon 2/16/09**
100	**COMS DA**	**Infrastructure**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
101	COMS DA	Perform Build out of Development Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
102	COMS DA	Perform Build out of PTEST (FAT) Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
103	**COMS DA**	**Perform Build out of Itest Env**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
104	COMS DA	Confirm Data Agg Application Server (same as S&B)	66 days	100%	Mon 6/2/08	Wed 9/3/08
105	COMS DA	Confirm Data Agg Fully integrated database (same as S&B)	66 days	100%	Mon 6/2/08	Wed 9/3/08
106	COMS DA	Confirm Data Agg Pkg1 to Pkg 2 integrated database (same as S&B)	15 days	100%	Mon 10/13/08	Fri 10/31/08
107	COMS DA	Data Agg iTEST Environment Setup Completed	0 days	100%	Fri 10/31/08	Fri 10/31/08
108	COMS DA	Perform Build out of Production Data Agg Environment (same as S&B)	70 days	100%	Mon 6/2/08	Tue 9/9/08
109	COMS DA	Data Aggregation Environment Setup Complete	0 days	100%	Fri 10/31/08	Fri 10/31/08
110	**COMS DA**	**Test Cases**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
111	COMS DA	Develop Data Agg Test Cases Version 1 (Functional Requirement Driven)	1 day	100%	Mon 6/2/08	Mon 6/2/08
112	COMS DA	Data Aggregation Test Cases Developed	0 days	100%	Mon 6/2/08	Mon 6/2/08
113	**COMS DA**	**Test Scripts**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
114	COMS DA	Develop Data AggTest Scripts for prePTEST (None Defined)	1 day	100%	Mon 6/2/08	Mon 6/2/08
115	COMS DA	Develop Data AggTest Scripts for PTEST (FAT) (None Defined)	1 day	100%	Mon 6/2/08	Mon 6/2/08

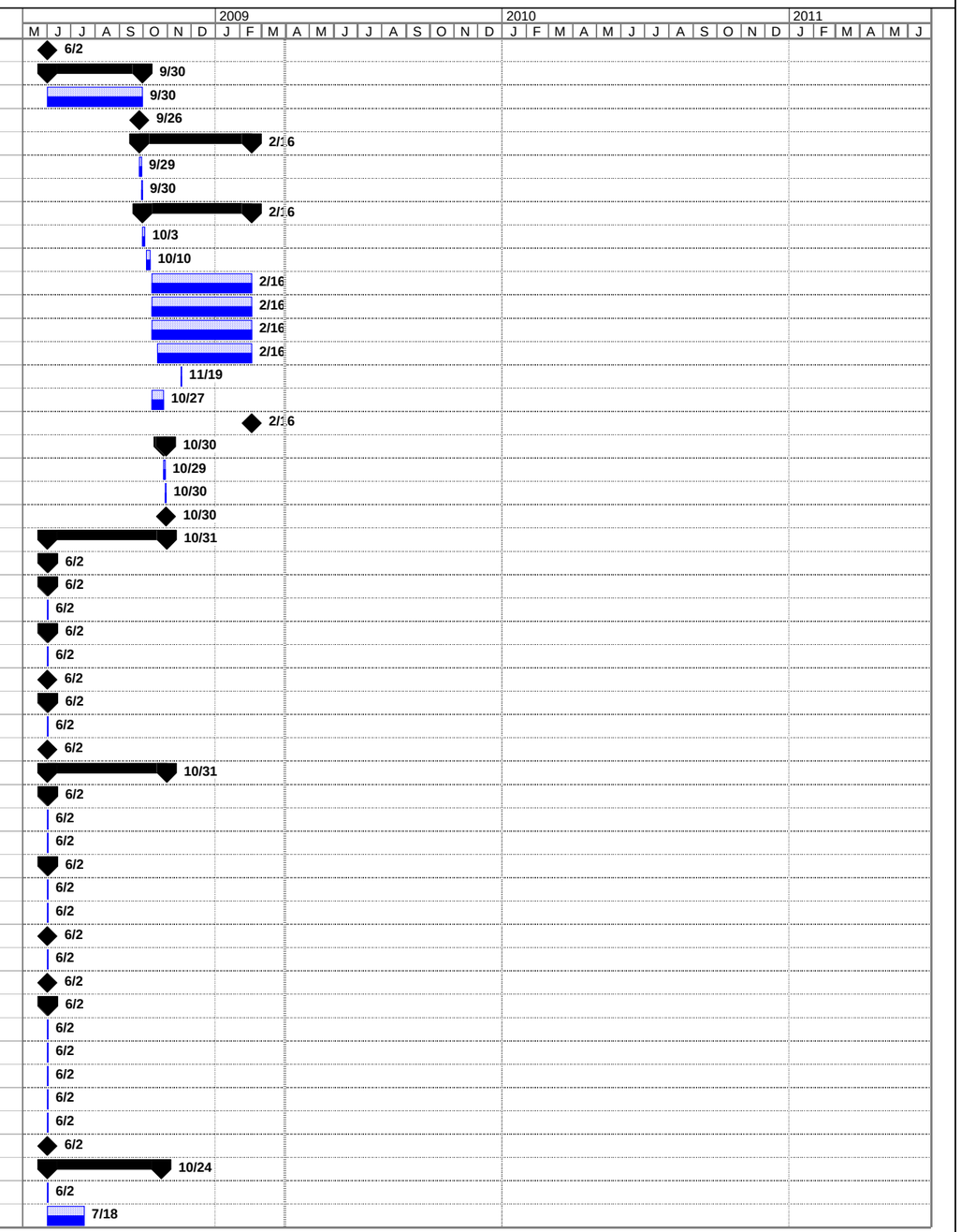


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
116	COMS DA	Data Aggregation Test Scripts Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
117	**COMS DA**	**Development**	**85 days**	**100%**	**Mon 6/2/08**	**Tue 9/30/08**
118	COMS DA	Develop Core Data Aggregation Rules Language & PLSQL	85 days	100%	Mon 6/2/08	Tue 9/30/08
119	COMS DA	Core Data Aggregation Code Complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
120	**COMS DA**	**Testing**	**88 days**	**100%**	**Fri 9/26/08**	**Mon 2/16/09**
121	COMS DA	Perform Data Aggregation Unit Testing	1 day	100%	Fri 9/26/08	Mon 9/29/08
122	COMS DA	Perform Data Aggregation pre-PTEST	1 day	100%	Mon 9/29/08	Tue 9/30/08
123	**COMS DA**	**Perform PTEST**	**86 days**	**100%**	**Wed 10/1/08**	**Mon 2/16/09**
124	COMS DA	FAT Testing - Execute Core Data Aggregation & verify results	3 days	100%	Wed 10/1/08	Fri 10/3/08
125	COMS DA	FAT Testing - Validate Data Agg processing of NOIE	5 days	100%	Mon 10/6/08	Fri 10/10/08
126	COMS DA	FAT Testing - Verify Data Aggregation Distributed Generation outputs	78 days	100%	Mon 10/13/08	Mon 2/16/09
127	COMS DA	FAT Testing - Perform Baseline Data Agg Zonal 15 Day Run	78 days	100%	Mon 10/13/08	Mon 2/16/09
128	COMS DA	FAT Testing - Perform Baseline Data Agg Nodal 15 Day Run	78 days	100%	Mon 10/13/08	Mon 2/16/09
129	COMS DA	FAT Testing - Verify 15 Day Nodal vs. 15 Day Zonal (Data Aggregation)	73 days	100%	Mon 10/20/08	Mon 2/16/09
130	COMS DA	FAT Testing - Sync Metadata	1 day	100%	Wed 11/19/08	Wed 11/19/08
131	COMS DA	FAT Testing - Verify Data Agg for Release to iTest	11 days	100%	Mon 10/13/08	Mon 10/27/08
132	COMS DA	Data Aggregation PTEST(FAT) Complete	0 days	100%	Mon 2/16/09	Mon 2/16/09
133	**COMS DA**	**Migration**	**3 days**	**100%**	**Tue 10/28/08**	**Thu 10/30/08**
134	COMS DA	Generate MMCR Tag all components for initial iTEST Build (Data Agg core Lodestar)	2 days	100%	Tue 10/28/08	Wed 10/29/08
135	COMS DA	Produce Bundle & Release Notes (Data Agg core Lodestar)	1 day	100%	Thu 10/30/08	Thu 10/30/08
136	COMS DA	Deliver Data Aggregation Migration to ITEST	0 days	100%	Thu 10/30/08	Thu 10/30/08
138	**COMS AW**	**AppWorx (core)**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
139	**COMS AW**	**Planning**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
140	**COMS AW**	**Requirements**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
141	COMS AW	Requirements - Defined in Functional Decompositions	1 day	100%	Mon 6/2/08	Mon 6/2/08
142	**COMS AW**	**Design**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
143	COMS AW	Generate Appworx Design Document	1 day	100%	Mon 6/2/08	Mon 6/2/08
144	COMS AW	AppWorx Core Design completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
145	**COMS AW**	**Technical Architecture**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
146	COMS AW	Draft TA document for Appworx environments	1 day	100%	Mon 6/2/08	Mon 6/2/08
147	COMS AW	Settlements & Billing TA Document Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
148	**COMS AW**	**Execution**	**108 days**	**100%**	**Mon 6/2/08**	**Fri 10/31/08**
149	**COMS AW**	**Infrastructure**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
150	COMS AW	Perform Build out of Appworx Development Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
151	COMS AW	Perform Build out of Appworkx PTEST (FAT) Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
152	**COMS AW**	**Perform Build out of Itest Env**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
153	COMS AW	Confirm Appworx Application Server	1 day	100%	Mon 6/2/08	Mon 6/2/08
154	COMS AW	Confirm Appworx Master Database	1 day	100%	Mon 6/2/08	Mon 6/2/08
155	COMS AW	ITEST Appworx Environment Setup Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
156	COMS AW	Perform Build out of Production Appworx Environment	1 day	100%	Mon 6/2/08	Mon 6/2/08
157	COMS AW	Appworx Environment Setup Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
158	**COMS AW**	**Development**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
159	COMS AW	Code Appworx Base scheduler jobs	1 day	100%	Mon 6/2/08	Mon 6/2/08
160	COMS AW	Code Appworx Nodal Batch Scheduler for DAM	1 day	100%	Mon 6/2/08	Mon 6/2/08
161	COMS AW	Code Appworx Nodal Batch Scheduler for RTM w/o Data Agg	1 day	100%	Mon 6/2/08	Mon 6/2/08
162	COMS AW	Code Appworx Nodal Batch Scheduler for RTM	1 day	100%	Mon 6/2/08	Mon 6/2/08
163	COMS AW	Code Appworx Nodal Batch scheduler for CRR	1 day	100%	Mon 6/2/08	Mon 6/2/08
164	COMS AW	Appwork core Build complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
165	**COMS AW**	**Testing**	**103 days**	**100%**	**Mon 6/2/08**	**Fri 10/24/08**
166	COMS AW	Perform Appworx Unit Testing	1 day	100%	Mon 6/2/08	Mon 6/2/08
167	COMS AW	Perform Appworx pre-PTEST	34 days	100%	Mon 6/2/08	Fri 7/18/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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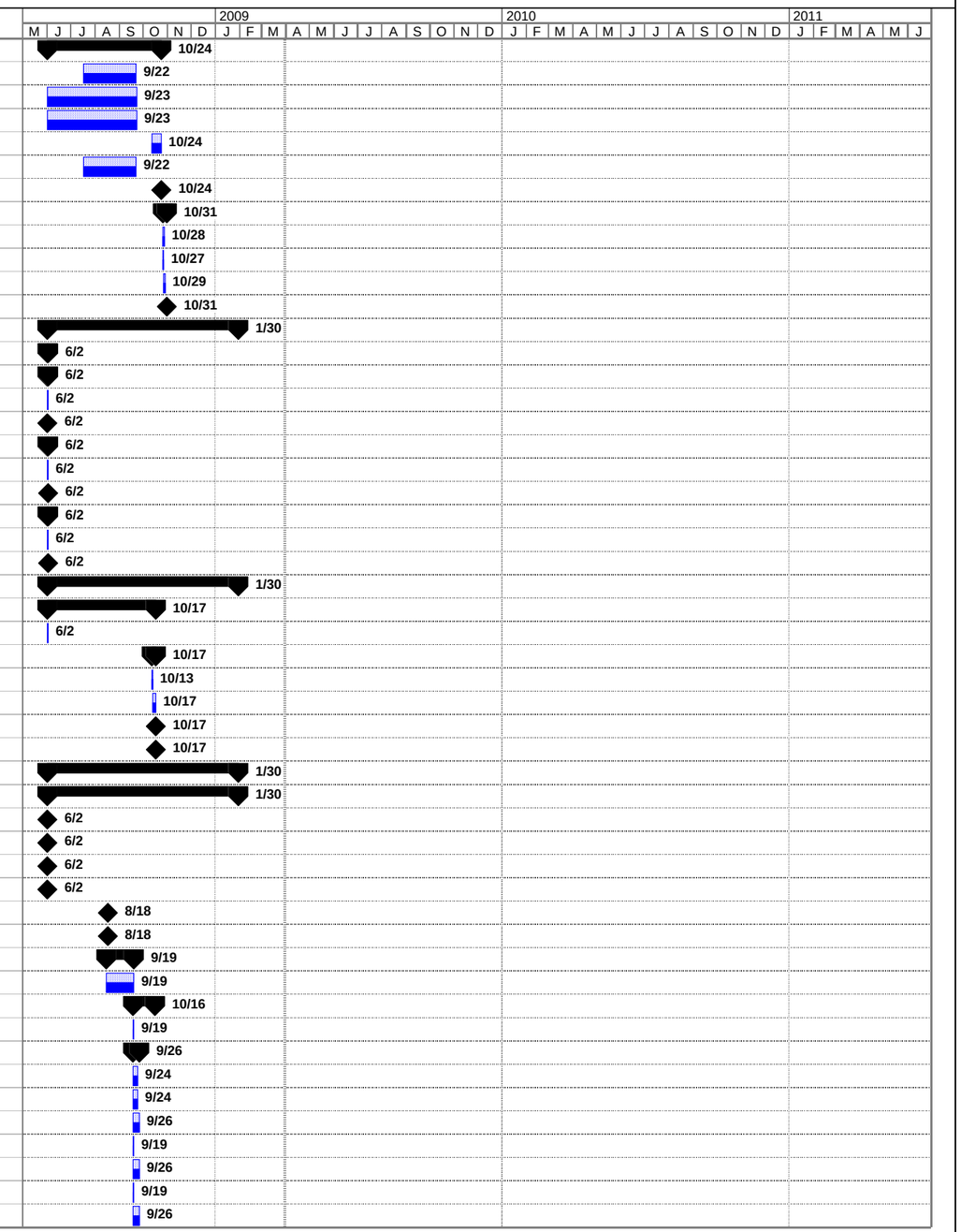
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
168	**COMS AW**	**Perform PTEST**	**103 days**	**100%**	**Mon 6/2/08**	**Fri 10/24/08**
169	COMS AW	FAT Testing - Appworx Base scheduler jobs	46 days	100%	Fri 7/18/08	Mon 9/22/08
170	COMS AW	FAT Testing - Appworx Nodal Batch Scheduler for DAM	80 days	100%	Mon 6/2/08	Tue 9/23/08
171	COMS AW	FAT Testing - Appworx Nodal Batch Scheduler for RTM w/o Data Agg	80 days	100%	Mon 6/2/08	Tue 9/23/08
172	COMS AW	FAT Testing - Appworx Nodal Batch Scheduler for RTM	10 days	100%	Mon 10/13/08	Fri 10/24/08
173	COMS AW	FAT Testing - Appworx Nodal Batch scheduler for CRR	46 days	100%	Fri 7/18/08	Mon 9/22/08
174	COMS AW	Appworx PTEST(FAT) complete	0 days	100%	Fri 10/24/08	Fri 10/24/08
175	**COMS AW**	**Migration**	**5 days**	**100%**	**Mon 10/27/08**	**Fri 10/31/08**
176	COMS AW	Generate MMCR (Appworx 1)	2 days	100%	Mon 10/27/08	Tue 10/28/08
177	COMS AW	Tag all components for initial iTEST Build (Appworx 1)	1 day	100%	Mon 10/27/08	Mon 10/27/08
178	COMS AW	Produce Bundle & Release Notes (Appworx 1)	2 days	100%	Tue 10/28/08	Wed 10/29/08
179	COMS AW	Deliver Appworx Migration to ITEST	0 days	100%	Fri 10/31/08	Fri 10/31/08
181	**COMS CSI**	**CSI (core)**	**160 days**	**100%**	**Mon 6/2/08**	**Fri 1/30/09**
182	**COMS CSI**	**Planning**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
183	**COMS CSI**	**Requirements**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
184	COMS CSI	Generate overall integration requirements	1 day	100%	Mon 6/2/08	Mon 6/2/08
185	COMS CSI	CSI Integration Requirements Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
186	**COMS CSI**	**Design**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
187	COMS CSI	Generate CSI Conceptual Design & Architecture	1 day	100%	Mon 6/2/08	Mon 6/2/08
188	COMS CSI	CSI Architecture Design completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
189	**COMS CSI**	**Technical Architecture**	**1 day**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
190	COMS CSI	Draft TA document for CSI environments	1 day	100%	Mon 6/2/08	Mon 6/2/08
191	COMS CSI	CSI TA Document Completed	0 days	100%	Mon 6/2/08	Mon 6/2/08
192	**COMS CSI**	**Execution**	**160 days**	**100%**	**Mon 6/2/08**	**Fri 1/30/09**
193	**COMS CSI**	**Infrastructure**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
194	COMS CSI	Perform Build out of CSI Development Env	1 day	100%	Mon 6/2/08	Mon 6/2/08
195	**COMS CSI**	**Perform Build out of Itest Env**	**5 days**	**100%**	**Mon 10/13/08**	**Fri 10/17/08**
196	COMS CSI	Confirm CSI database in place (IT00CSI)	1 day	100%	Mon 10/13/08	Mon 10/13/08
197	COMS CSI	Confirm CSI Tibco Infrastructure in Place	4 days	100%	Tue 10/14/08	Fri 10/17/08
198	COMS CSI	ITEST CSI Environment Setup Confirmed	0 days	100%	Fri 10/17/08	Fri 10/17/08
199	COMS CSI	CSI Environment Setup Complete	0 days	100%	Fri 10/17/08	Fri 10/17/08
200	**COMS CSI**	**Development/Testing/Migration**	**160 days**	**100%**	**Mon 6/2/08**	**Fri 1/30/09**
201	**COMS CSI**	**CSI Settlements & Billing**	**160 days**	**100%**	**Mon 6/2/08**	**Fri 1/30/09**
202	COMS CSI	Release 4.2 (MMS & CRR data, DAM Settlements) Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
203	COMS CSI	Release 4.3 (MMS data - release 1) Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
204	COMS CSI	Release 4.4 (MMS data - release 2) Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
205	COMS CSI	Release 5.1 (EMS data, CRR stuff - release 1) Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
206	**COMS CSI**	**CSI Release 5.2 (EMS data - release 2, RUC)**	**0 days**	**100%**	**Mon 8/18/08**	**Mon 8/18/08**
207	COMS CSI	Release 5.2 Code base complete	0 days	100%	Mon 8/18/08	Mon 8/18/08
208	**COMS CSI**	**CSI Release 5.3 (SASM, EMS-Release 3, MMS4-Release 1, GUI-Release 1, Misc)**	**24 days**	**100%**	**Fri 8/15/08**	**Fri 9/19/08**
209	COMS CSI	Release 5.3 Code base complete	24 days	100%	Fri 8/15/08	Fri 9/19/08
210	**COMS CSI**	**CSI Release 5.4 (MMS4-Release 2, Outbounds, Bug Fixes, Misc)**	**20 days**	**100%**	**Fri 9/19/08**	**Thu 10/16/08**
211	COMS CSI	CSI 5.4 - Code Framework	1 day	100%	Fri 9/19/08	Fri 9/19/08
212	**COMS CSI**	**CSI 5.4 - Code business logic**	**6 days**	**100%**	**Fri 9/19/08**	**Fri 9/26/08**
213	COMS CSI	Capacity Factor (outbound interface)	4 days	100%	Fri 9/19/08	Wed 9/24/08
214	COMS CSI	RMR contracts (outbound interface)	4 days	100%	Fri 9/19/08	Wed 9/24/08
215	COMS CSI	Verifiable Cost (outbound interface)	6 days	100%	Fri 9/19/08	Fri 9/26/08
216	COMS CSI	CRR Payment confirmation (outbound interface)	1 day	100%	Fri 9/19/08	Fri 9/19/08
217	COMS CSI	Bill Determinants	6 days	100%	Fri 9/19/08	Fri 9/26/08
218	COMS CSI	CSI 5.4 - Generate Test Data	1 day	100%	Fri 9/19/08	Fri 9/19/08
219	COMS CSI	CSI 5.4 - Code Integration of business logic & Framework	6 days	100%	Fri 9/19/08	Fri 9/26/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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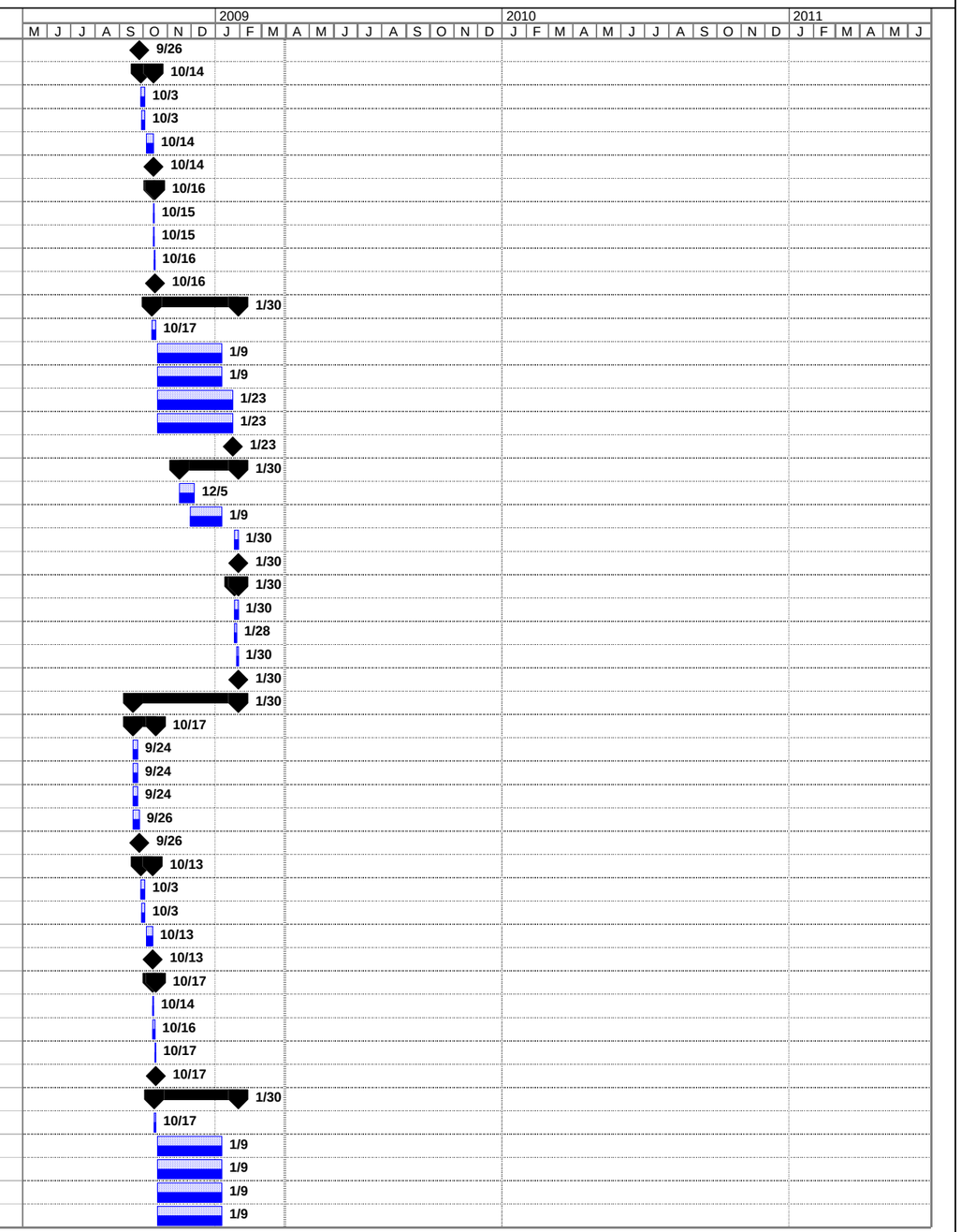
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
220	COMS CSI	Release 5.4 Code base complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
221	**COMS CSI**	**Release 5.4 pTEST**	**12 days**	**100%**	**Mon 9/29/08**	**Tue 10/14/08**
222	COMS CSI	CSI 5.4 - FAT/Business testing - cycle 1	5 days	100%	Mon 9/29/08	Fri 10/3/08
223	COMS CSI	CSI 5.4 - Code drop - FAT/bug fixes	4 days	100%	Tue 9/30/08	Fri 10/3/08
224	COMS CSI	CSI 5.4 - FAT/Business testing - cycle 2	7 days	100%	Mon 10/6/08	Tue 10/14/08
225	COMS CSI	Release 5.4 business/product testing Complete	0 days	100%	Tue 10/14/08	Tue 10/14/08
226	**COMS CSI**	**CSI Migration 5.4**	**2 days**	**100%**	**Wed 10/15/08**	**Thu 10/16/08**
227	COMS CSI	Generate MMCR for ITEST (CSI 5.4)	1 day	100%	Wed 10/15/08	Wed 10/15/08
228	COMS CSI	Tag all components for initial iTEST Build (CSI 5.4)	1 day	100%	Wed 10/15/08	Wed 10/15/08
229	COMS CSI	Produce Bundle & Release Notes (CSI 5.4)	1 day	100%	Thu 10/16/08	Thu 10/16/08
230	COMS CSI	Deliver CSI 5.4 Release Migration to ITEST	0 days	100%	Thu 10/16/08	Thu 10/16/08
232	**COMS CSI**	**CSI Release 5.5 (NMMS-S&B, Remaining Determinants, Bug Fixes, Misc)**	**67 days**	**100%**	**Mon 10/13/08**	**Fri 1/30/09**
233	COMS CSI	CSI 5.5 - Confirm Scope & Requirements	5 days	100%	Mon 10/13/08	Fri 10/17/08
234	COMS CSI	CSI 5.5 - Code Framework	47 days	100%	Mon 10/20/08	Fri 1/9/09
235	COMS CSI	CSI 5.5 - Code business logic	47 days	100%	Mon 10/20/08	Fri 1/9/09
236	COMS CSI	CSI 5.5 - Generate Test Data	57 days	100%	Mon 10/20/08	Fri 1/23/09
237	COMS CSI	CSI 5.5 - Code Integration of business logic & Framework (orchestration)	57 days	100%	Mon 10/20/08	Fri 1/23/09
238	COMS CSI	CSI 5.5 - Code Base Complete	0 days	100%	Fri 1/23/09	Fri 1/23/09
239	**COMS CSI**	**Release 5.5 PTEST**	**42 days**	**100%**	**Mon 11/17/08**	**Fri 1/30/09**
240	COMS CSI	CSI 5.5 - FAT/Business testing - cycle 1	12 days	100%	Mon 11/17/08	Fri 12/5/08
241	COMS CSI	CSI 5.5 - Code drop - FAT/bug fixes	20 days	100%	Mon 12/1/08	Fri 1/9/09
242	COMS CSI	CSI 5.5 - FAT/Business testing - cycle 2	5 days	100%	Mon 1/26/09	Fri 1/30/09
243	COMS CSI	CSI 5.5 - FAT/business testing Complete	0 days	100%	Fri 1/30/09	Fri 1/30/09
244	**COMS CSI**	**Migration 5.5**	**5 days**	**100%**	**Mon 1/26/09**	**Fri 1/30/09**
245	COMS CSI	CSI 5.5 - Generate MMCR	5 days	100%	Mon 1/26/09	Fri 1/30/09
246	COMS CSI	CSI 5.5 - Tag all components for initial iTEST Build	3 days	100%	Mon 1/26/09	Wed 1/28/09
247	COMS CSI	CSI 5.5 - Produce Bundle & Release Notes	2 days	100%	Thu 1/29/09	Fri 1/30/09
248	COMS CSI	Deliver CSI 5.5 - Migration to ITEST	0 days	100%	Fri 1/30/09	Fri 1/30/09
251	**COMS CSI**	**Credit Monitoring (CMM)**	**83 days**	**100%**	**Fri 9/19/08**	**Fri 1/30/09**
252	**COMS CSI**	**Release 6.1 (Formerly 5.1 & 5.2) (DAM-Release 1, RTM Release 1, S&B to CMM Interfaces, Stagir**	**21 days**	**100%**	**Fri 9/19/08**	**Fri 10/17/08**
253	COMS CSI	CSI 6.1 - Code Framework	4 days	100%	Fri 9/19/08	Wed 9/24/08
254	COMS CSI	CSI 6.1 - Code business logic	4 days	100%	Fri 9/19/08	Wed 9/24/08
255	COMS CSI	CSI 6.1 - Generate Test Data	4 days	100%	Fri 9/19/08	Wed 9/24/08
256	COMS CSI	CSI 6.1 - Code Integration of business logic & Framework	6 days	100%	Fri 9/19/08	Fri 9/26/08
257	COMS CSI	CMM Release 6.1 Code base complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
258	**COMS CSI**	**Release 6.1 pTEST**	**11 days**	**100%**	**Mon 9/29/08**	**Mon 10/13/08**
259	COMS CSI	CSI 6.1 - FAT/Business testing - cycle 1	5 days	100%	Mon 9/29/08	Fri 10/3/08
260	COMS CSI	CSI 6.1 - Code drop - FAT/bug fixes	4 days	100%	Tue 9/30/08	Fri 10/3/08
261	COMS CSI	CSI 6.1 - FAT/Business testing - cycle 2	6 days	100%	Mon 10/6/08	Mon 10/13/08
262	COMS CSI	CSI 6.1 - FAT/business testing Complete	0 days	100%	Mon 10/13/08	Mon 10/13/08
263	**COMS CSI**	**Migration 6.1**	**4 days**	**100%**	**Tue 10/14/08**	**Fri 10/17/08**
264	COMS CSI	CSI 6.1 - Generate MMCR (CSI 6.1)	1 day	100%	Tue 10/14/08	Tue 10/14/08
265	COMS CSI	CSI 6.1 - Tag all components for initial iTEST Build (CSI 6.1)	3 days	100%	Tue 10/14/08	Thu 10/16/08
266	COMS CSI	CSI 6.1 - Produce Bundle & Release Notes (CSI 6.1)	1 day	100%	Fri 10/17/08	Fri 10/17/08
267	COMS CSI	Deliver CSI 6.1 Release Migration to iTEST	0 days	100%	Fri 10/17/08	Fri 10/17/08
269	**COMS CSI**	**Release 6.3 (CRR UDAA, New Credit Determinants, CMM Loaders)**	**64 days**	**100%**	**Thu 10/16/08**	**Fri 1/30/09**
270	COMS CSI	CSI 6.3 - Confirm Scope & Requirements	2 days	100%	Thu 10/16/08	Fri 10/17/08
271	COMS CSI	CSI 6.3 - Code Framework	47 days	100%	Mon 10/20/08	Fri 1/9/09
272	COMS CSI	CSI 6.3 - Code business logic	47 days	100%	Mon 10/20/08	Fri 1/9/09
273	COMS CSI	CSI 6.3 - Generate Test Data	47 days	100%	Mon 10/20/08	Fri 1/9/09
274	COMS CSI	CSI 6.3 - Code Integration of business logic & Framework (orchestration)	47 days	100%	Mon 10/20/08	Fri 1/9/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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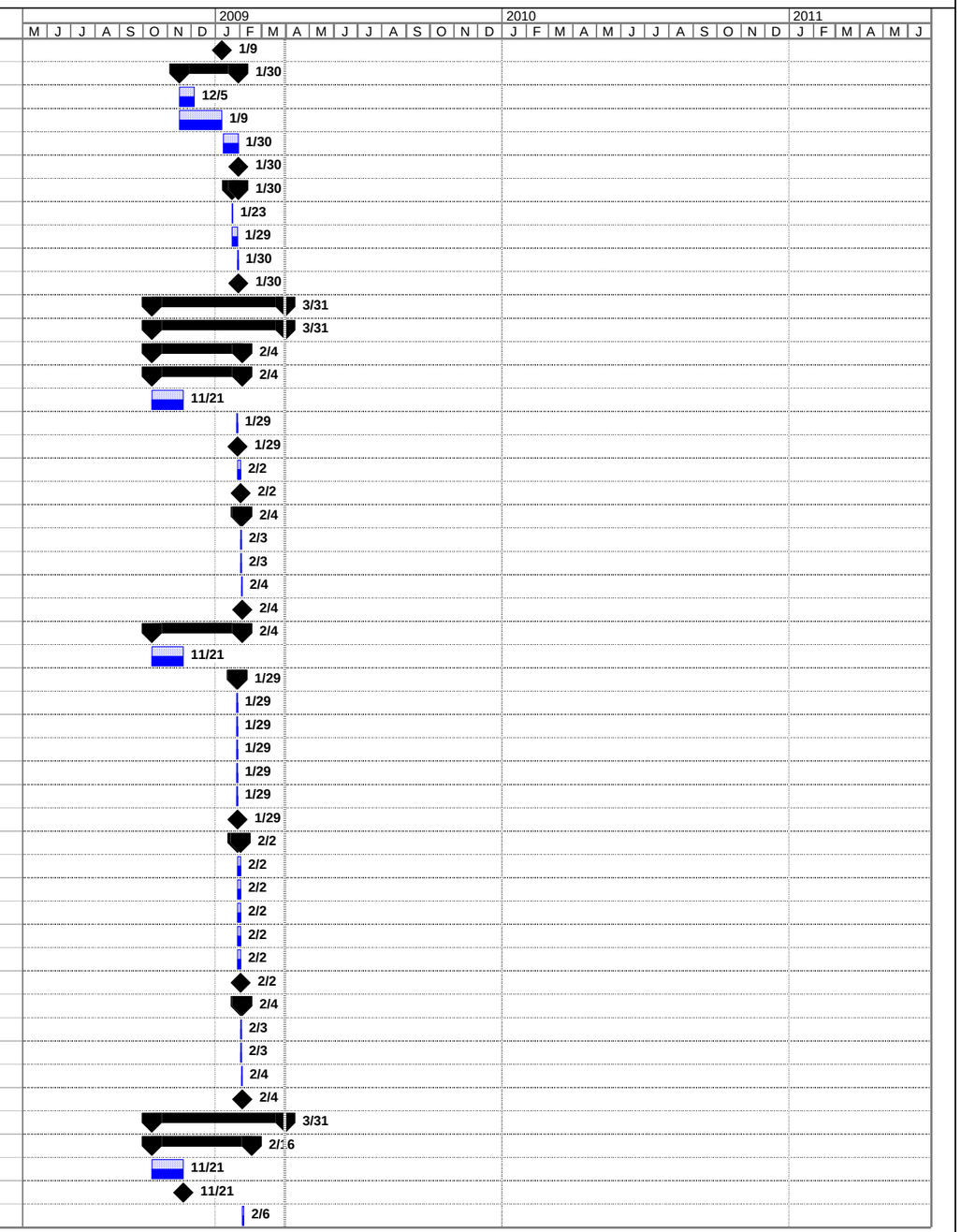
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
275	COMS CSI	CSI 6.3 - Code base complete	0 days	100%	Fri 1/9/09	Fri 1/9/09
276	**COMS CSI**	**CSI 6.3 - PTEST**	**42 days**	**100%**	**Mon 11/17/08**	**Fri 1/30/09**
277	COMS CSI	CSI 6.3 - FAT/Business testing - cycle 1	12 days	100%	Mon 11/17/08	Fri 12/5/08
278	COMS CSI	CSI 6.3 - Code drop - FAT/bug fixes	27 days	100%	Mon 11/17/08	Fri 1/9/09
279	COMS CSI	CSI 6.3 - Business testing - cycle 2	15 days	100%	Mon 1/12/09	Fri 1/30/09
280	COMS CSI	CSI 6.3 - FAT/business testing Complete	0 days	100%	Fri 1/30/09	Fri 1/30/09
281	**COMS CSI**	**Migration 6.3**	**6 days**	**100%**	**Fri 1/23/09**	**Fri 1/30/09**
282	COMS CSI	CSI 6.3 - Generate MMCR	1 day	100%	Fri 1/23/09	Fri 1/23/09
283	COMS CSI	CSI 6.3 - Tag all components for initial iTEST Build	5 days	100%	Fri 1/23/09	Thu 1/29/09
284	COMS CSI	CSI 6.3 - Produce Bundle & Release Notes	1 day	100%	Fri 1/30/09	Fri 1/30/09
285	COMS CSI	Deliver CSI 6.3 - Migration to ITEST	0 days	100%	Fri 1/30/09	Fri 1/30/09
287	**COMS E&R**	**Extracts & Reports**	**109 days**	**72%**	**Mon 10/13/08**	**Tue 3/31/09**
288	**COMS E&R**	**Source System Reports**	**109 days**	**72%**	**Mon 10/13/08**	**Tue 3/31/09**
289	**COMS E&R**	**Settlements & Billing**	**70 days**	**100%**	**Mon 10/13/08**	**Wed 2/4/09**
290	**COMS E&R**	**S&B Internal Reports**	**70 days**	**100%**	**Mon 10/13/08**	**Wed 2/4/09**
291	COMS E&R	E&R: S&B Internal Reports - Gather Requirements	30 days	100%	Mon 10/13/08	Fri 11/21/08
292	COMS E&R	E&R: S&B Internal Reports - Code Reports	1 day	100%	Thu 1/29/09	Thu 1/29/09
293	COMS E&R	E&R: S&B Internal Reports - Coding Complete	0 days	100%	Thu 1/29/09	Thu 1/29/09
294	COMS E&R	E&R: S&B Internal Reports - PTEST (FAT) Testing	2 days	100%	Fri 1/30/09	Mon 2/2/09
295	COMS E&R	E&R: S&B Internal Reports FAT Testing Complete	0 days	100%	Mon 2/2/09	Mon 2/2/09
296	**COMS E&R**	**Migration E&R: S&B Internal Reports**	**2 days**	**100%**	**Tue 2/3/09**	**Wed 2/4/09**
297	COMS E&R	E&R: S&B Internal Reports - Generate MMCR	1 day	100%	Tue 2/3/09	Tue 2/3/09
298	COMS E&R	E&R: S&B Internal Reports - Tag all components for initial iTEST Build	1 day	100%	Tue 2/3/09	Tue 2/3/09
299	COMS E&R	E&R: S&B Internal Reports - Produce Bundle & Release Notes	1 day	100%	Wed 2/4/09	Wed 2/4/09
300	COMS E&R	Deliver E&R: S&B Internal Reports - Migration to ITEST	0 days	100%	Wed 2/4/09	Wed 2/4/09
302	**COMS E&R**	**S&B External Reports**	**70 days**	**100%**	**Mon 10/13/08**	**Wed 2/4/09**
303	COMS E&R	E&R: S&B External Reports - Gather Requirements	30 days	100%	Mon 10/13/08	Fri 11/21/08
304	**COMS E&R**	**E&R: S&B External Reports - Code Reports**	**1 day**	**100%**	**Thu 1/29/09**	**Thu 1/29/09**
305	COMS E&R	E&R: S&B - Code Monthly RUC Make Whole & Clawback Payment Report	1 day	100%	Thu 1/29/09	Thu 1/29/09
306	COMS E&R	E&R: S&B - CodeProtocol Section 8 Reports - (Open NPRR)	1 day	100%	Thu 1/29/09	Thu 1/29/09
307	COMS E&R	E&R: S&B - Code Monthly Energy Deployed by RMR Units	1 day	100%	Thu 1/29/09	Thu 1/29/09
308	COMS E&R	E&R: S&B - Code Missing Consumption Report (CODIA)	1 day	100%	Thu 1/29/09	Thu 1/29/09
309	COMS E&R	E&R: S&B - Code Ercot Summary Dispute Report	1 day	100%	Thu 1/29/09	Thu 1/29/09
310	COMS E&R	E&R: S&B External Reports - Coding Complete	0 days	100%	Thu 1/29/09	Thu 1/29/09
311	**COMS E&R**	**E&R: S&B External Reports - PTEST (FAT) Testing**	**2 days**	**100%**	**Fri 1/30/09**	**Mon 2/2/09**
312	COMS E&R	E&R: S&B - FAT TESTING - Monthly RUC Make Whole & Clawback Payment Report	2 days	100%	Fri 1/30/09	Mon 2/2/09
313	COMS E&R	E&R: S&B - FAT TESTING - Protocol Section 8 Reports - (Open NPRR)	2 days	100%	Fri 1/30/09	Mon 2/2/09
314	COMS E&R	E&R: S&B - FAT TESTING - Monthly Energy Deployed by RMR Units	2 days	100%	Fri 1/30/09	Mon 2/2/09
315	COMS E&R	E&R: S&B - FAT TESTING - Missing Consumption Report (CODIA)	2 days	100%	Fri 1/30/09	Mon 2/2/09
316	COMS E&R	E&R: S&B - FAT TESTING - Ercot Summary Dispute Report (WCS)	2 days	100%	Fri 1/30/09	Mon 2/2/09
317	COMS E&R	E&R: S&B External Reports FAT Testing Complete	0 days	100%	Mon 2/2/09	Mon 2/2/09
318	**COMS E&R**	**Migration E&R: S&B, CODIA, WCS External Reports**	**2 days**	**100%**	**Tue 2/3/09**	**Wed 2/4/09**
319	COMS E&R	E&R: S&B - Generate MMCR	1 day	100%	Tue 2/3/09	Tue 2/3/09
320	COMS E&R	E&R: S&B - Tag all components for initial iTEST Build	1 day	100%	Tue 2/3/09	Tue 2/3/09
321	COMS E&R	E&R: S&B - Produce Bundle & Release Notes	1 day	100%	Wed 2/4/09	Wed 2/4/09
322	COMS E&R	Deliver E&R: S&B - Migration to ITEST	0 days	100%	Wed 2/4/09	Wed 2/4/09
324	**COMS E&R**	**Data Aggregation**	**109 days**	**65%**	**Mon 10/13/08**	**Tue 3/31/09**
325	**COMS E&R**	**Data Agg Internal Reports**	**78 days**	**100%**	**Mon 10/13/08**	**Mon 2/16/09**
326	COMS E&R	E&R: Data Agg Internal Reports - Gather Requirements	30 days	100%	Mon 10/13/08	Fri 11/21/08
327	COMS E&R	E&R: Data Agg Internal Reports - Requirements Completed	0 days	100%	Fri 11/21/08	Fri 11/21/08
328	COMS E&R	E&R: Data Agg Internal Reports - Code Reports	2 days	100%	Thu 2/5/09	Fri 2/6/09



Project: Nodal Program
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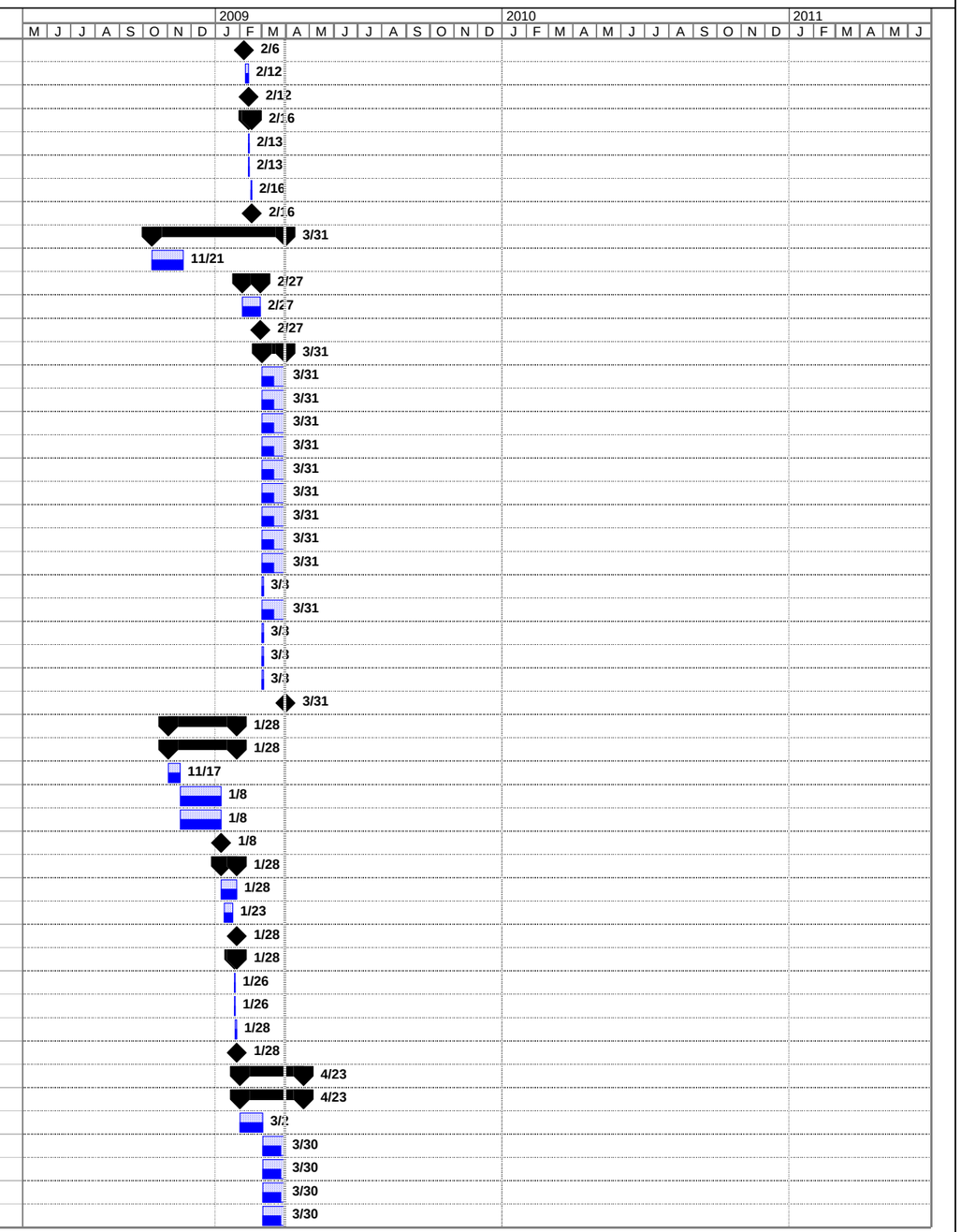
Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

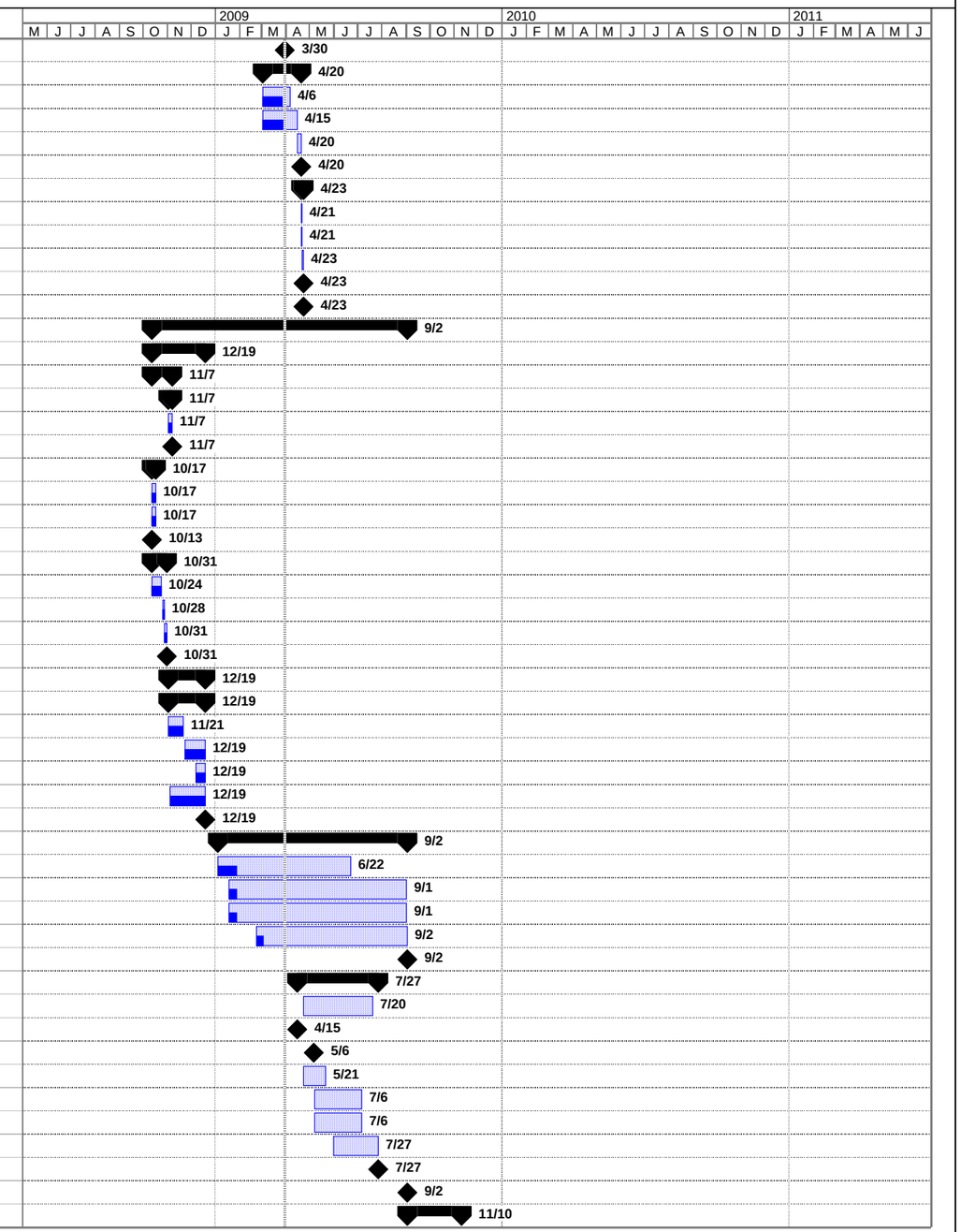
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
329	COMS E&R	E&R: Data Agg Internal Reports - Coding Complete	0 days	100%	Fri 2/6/09	Fri 2/6/09
330	COMS E&R	E&R: Data Agg Internal Reports - PTEST (FAT) Testing	4 days	100%	Mon 2/9/09	Thu 2/12/09
331	COMS E&R	E&R: Data Agg Internal Reports FAT Testing Complete	0 days	100%	Thu 2/12/09	Thu 2/12/09
332	**COMS E&R**	**Migration E&R: Data Agg Internal Reports**	**2 days**	**100%**	**Fri 2/13/09**	**Mon 2/16/09**
333	COMS E&R	E&R: Data Agg Internal Reports - Generate MMCR	1 day	100%	Fri 2/13/09	Fri 2/13/09
334	COMS E&R	E&R: Data Agg Internal Reports - Tag all components for initial iTEST Build	1 day	100%	Fri 2/13/09	Fri 2/13/09
335	COMS E&R	E&R: Data Agg Internal Reports - Produce Bundle & Release Notes	1 day	100%	Mon 2/16/09	Mon 2/16/09
336	COMS E&R	Deliver E&R: Data Agg Internal Reports - Migration to ITEST	0 days	100%	Mon 2/16/09	Mon 2/16/09
337	**COMS E&R**	**Data Agg External Reports**	**109 days**	**60%**	**Mon 10/13/08**	**Tue 3/31/09**
338	COMS E&R	E&R: Data Agg External Reports - Gather Requirements	30 days	100%	Mon 10/13/08	Fri 11/21/08
339	**COMS E&R**	**E&R: Data Agg External Reports - Code Reports**	**17 days**	**100%**	**Thu 2/5/09**	**Fri 2/27/09**
340	COMS E&R	E&R: Data Agg External Reports - Code Reports	17 days	100%	Thu 2/5/09	Fri 2/27/09
341	COMS E&R	E&R: Data AggExternal Reports - Coding Complete	0 days	100%	Fri 2/27/09	Fri 2/27/09
342	**COMS E&R**	**E&R: Data Agg External Reports - PTEST (FAT) Testing**	**22 days**	**52%**	**Mon 3/2/09**	**Tue 3/31/09**
343	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Default Profile ESIID	22 days	50%	Mon 3/2/09	Tue 3/31/09
344	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Load Estimation counts - Public	22 days	50%	Mon 3/2/09	Tue 3/31/09
345	COMS E&R	E&R: Data Agg External Reports - FAT TESTING -Load Estimation volume - Public	22 days	50%	Mon 3/2/09	Tue 3/31/09
346	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Load Estimation counts - Certified	22 days	50%	Mon 3/2/09	Tue 3/31/09
347	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Load Estimation volume - Certified	22 days	50%	Mon 3/2/09	Tue 3/31/09
348	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Actual Transmission Loss Factor	22 days	50%	Mon 3/2/09	Tue 3/31/09
349	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Forecasted Transmission Loss Factor	22 days	50%	Mon 3/2/09	Tue 3/31/09
350	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Forecasted Distribution Loss Factor	22 days	50%	Mon 3/2/09	Tue 3/31/09
351	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Actual distribution Loss Factor	22 days	50%	Mon 3/2/09	Tue 3/31/09
352	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Data Aggregation Daily Postings	2 days	100%	Mon 3/2/09	Tue 3/3/09
353	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - WS & NWS IDR Proxy Dates	22 days	50%	Mon 3/2/09	Tue 3/31/09
354	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Annual Distribution Loss Factors	2 days	100%	Mon 3/2/09	Tue 3/3/09
355	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - UFE Analysis Report	2 days	100%	Mon 3/2/09	Tue 3/3/09
356	COMS E&R	E&R: Data Agg External Reports - FAT TESTING - Capacity Factors by Resource	2 days	100%	Mon 3/2/09	Tue 3/3/09
357	COMS E&R	Deliver E&R: Data Agg External Reports FAT Testing to iTEST	0 days	0%	Tue 3/31/09	Tue 3/31/09
358	**COMS S&B**	**Settlements & Billing/Data Agg Supplemental/Refactoring**	**50 days**	**100%**	**Mon 11/3/08**	**Wed 1/28/09**
359	**COMS S&B**	**S&B/Data Agg Refactor 1**	**50 days**	**100%**	**Mon 11/3/08**	**Wed 1/28/09**
360	COMS S&B	S&B/DA RF1 - Confirm Scope & Requirements	11 days	100%	Mon 11/3/08	Mon 11/17/08
361	COMS S&B	S&B/Da RF1 - Make Code Changes	25 days	100%	Tue 11/18/08	Thu 1/8/09
362	COMS S&B	S&B/DA RF1 - Generate Test Data	25 days	100%	Tue 11/18/08	Thu 1/8/09
363	COMS S&B	S&B/DA RF1 - Code base complete	0 days	100%	Thu 1/8/09	Thu 1/8/09
364	**COMS S&B**	**S&B/DA Refactor 1 PTEST**	**14 days**	**100%**	**Fri 1/9/09**	**Wed 1/28/09**
365	COMS S&B	S&B/DA RF1 - FAT/Business testing	14 days	100%	Fri 1/9/09	Wed 1/28/09
366	COMS S&B	S&B/DA RF1 - Correct FAT Defects	9 days	100%	Tue 1/13/09	Fri 1/23/09
367	COMS S&B	S&B/DA RF1 - FAT/business testing Complete	0 days	100%	Wed 1/28/09	Wed 1/28/09
368	**COMS S&B**	**Migration S&B/DA Refactor 1**	**3 days**	**100%**	**Mon 1/26/09**	**Wed 1/28/09**
369	COMS S&B	S&B/DA RF 1 - Generate MMCR	1 day	100%	Mon 1/26/09	Mon 1/26/09
370	COMS S&B	S&B/DA RF 1 - Tag all components for initial iTEST Build	1 day	100%	Mon 1/26/09	Mon 1/26/09
371	COMS S&B	S&B/DA RF 1 - Produce Bundle & Release Notes	2 days	100%	Tue 1/27/09	Wed 1/28/09
372	COMS S&B	Deliver S&B/DA RF 1 - Migration to ITEST	0 days	100%	Wed 1/28/09	Wed 1/28/09
374	**COMS CSI**	**CSI Supplemental/Refactoring**	**59 days**	**77%**	**Mon 2/2/09**	**Thu 4/23/09**
375	**COMS CSI**	**CSI Release 7.0 (S&B & CMM Long Day-Short Day)**	**59 days**	**77%**	**Mon 2/2/09**	**Thu 4/23/09**
376	COMS CSI	CSI 7.0 - Confirm Scope & Requirements	21 days	100%	Mon 2/2/09	Mon 3/2/09
377	COMS CSI	CSI 7.0 - Code Framework	20 days	85%	Tue 3/3/09	Mon 3/30/09
378	COMS CSI	CSI 7.0 - Code business logic	20 days	85%	Tue 3/3/09	Mon 3/30/09
379	COMS CSI	CSI 7.0 - Generate Test Data	20 days	85%	Tue 3/3/09	Mon 3/30/09
380	COMS CSI	CSI 7.0 - Code Integration of business logic & Framework (orchestration)	20 days	85%	Tue 3/3/09	Mon 3/30/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
381	COMS CSI	CSI 7.0 - Code base complete	0 days	0%	Mon 3/30/09	Mon 3/30/09
382	**COMS CSI**	**CSI Release 7.0 PTEST**	**35 days**	**63%**	**Tue 3/3/09**	**Mon 4/20/09**
383	COMS CSI	CSI 7.0 - FAT/Business testing - cycle 1	25 days	75%	Tue 3/3/09	Mon 4/6/09
384	COMS CSI	CSI 7.0 - Code drop - FAT/bug fixes	32 days	60%	Tue 3/3/09	Wed 4/15/09
385	COMS CSI	CSI 7.0 - FAT/Business testing - cycle 2	3 days	0%	Thu 4/16/09	Mon 4/20/09
386	COMS CSI	CSI 7.0 - FAT/business testing Complete	0 days	0%	Mon 4/20/09	Mon 4/20/09
387	**COMS CSI**	**Migration CSI 7.0**	**3 days**	**0%**	**Tue 4/21/09**	**Thu 4/23/09**
388	COMS CSI	CSI 7.0 - Generate MMCR	1 day	0%	Tue 4/21/09	Tue 4/21/09
389	COMS CSI	CSI 7.0 - Tag all components for initial iTEST Build	1 day	0%	Tue 4/21/09	Tue 4/21/09
390	COMS CSI	CSI 7.0 - Produce Bundle & Release Notes	2 days	0%	Wed 4/22/09	Thu 4/23/09
391	COMS CSI	Deliver CSI 7.0 - Migration to ITEST	0 days	0%	Thu 4/23/09	Thu 4/23/09
393	COMS	COMS: Settlements & Billing / Data Agg / CSI Complete	0 days	0%	Thu 4/23/09	Thu 4/23/09
394	**COMS S&B**	**COMS: S&B Integration Testing Support**	**218 days**	**16%**	**Mon 10/13/08**	**Wed 9/2/09**
395	**COMS S&B**	**Integration Release 3.0**	**47 days**	**100%**	**Mon 10/13/08**	**Fri 12/19/08**
396	**COMS S&B**	**Planning**	**20 days**	**100%**	**Mon 10/13/08**	**Fri 11/7/08**
397	**COMS S&B**	**Infrastructure**	**5 days**	**100%**	**Mon 11/3/08**	**Fri 11/7/08**
398	COMS S&B	Confirm IR Infrastructure in Place	5 days	100%	Mon 11/3/08	Fri 11/7/08
399	COMS S&B	IR3 - Infrastructure Ready for Test	0 days	100%	Fri 11/7/08	Fri 11/7/08
400	**COMS S&B**	**IR3 - Develop COMS Business Scenarios**	**5 days**	**100%**	**Mon 10/13/08**	**Fri 10/17/08**
401	COMS S&B	IR3 - Define PreProcessing Activites	5 days	100%	Mon 10/13/08	Fri 10/17/08
402	COMS S&B	IR3 - Define Post Processing Activities	5 days	100%	Mon 10/13/08	Fri 10/17/08
403	COMS S&B	IR3 - COMS DAM Business Scnearios Defined	0 days	100%	Mon 10/13/08	Mon 10/13/08
404	**COMS S&B**	**IR3 - Finalize Data Set to support Business Scenarios**	**15 days**	**100%**	**Mon 10/13/08**	**Fri 10/31/08**
405	COMS S&B	Map Upstream Functional Capabilities to Bids/Inputs	10 days	100%	Mon 10/13/08	Fri 10/24/08
406	COMS S&B	Map Downstream Functional Capabilities to Bill Determinants	2 days	100%	Mon 10/27/08	Tue 10/28/08
407	COMS S&B	Generate Data Set to Support Functional Scenarios	3 days	100%	Wed 10/29/08	Fri 10/31/08
408	COMS S&B	IR3 - Baselined Data Set Completed	0 days	100%	Fri 10/31/08	Fri 10/31/08
409	**COMS S&B**	**Execution**	**32 days**	**100%**	**Mon 11/3/08**	**Fri 12/19/08**
410	**COMS S&B**	**IR3 -Execute DAM Functional Scenarios**	**32 days**	**100%**	**Mon 11/3/08**	**Fri 12/19/08**
411	COMS S&B	IR3 - Perform Initial Connectivity	15 days	100%	Mon 11/3/08	Fri 11/21/08
412	COMS S&B	IR3 - Perform Pre-Processing Activites	17 days	100%	Mon 11/24/08	Fri 12/19/08
413	COMS S&B	IR3 - Perfrom Post Processing Activites	10 days	100%	Mon 12/8/08	Fri 12/19/08
414	COMS S&B	IR3 - Repair Integration Defects	30 days	100%	Wed 11/5/08	Fri 12/19/08
415	COMS S&B	IR3 - Functional Scenarios Complete	0 days	100%	Fri 12/19/08	Fri 12/19/08
416	**COMS S&B**	**S&B ITEST Support/Refactoring**	**171 days**	**7%**	**Mon 1/5/09**	**Wed 9/2/09**
417	COMS S&B	S&B ITRF - Develop Refactored Code	120 days	15%	Mon 1/5/09	Mon 6/22/09
418	COMS S&B	S&B ITRF - Perform FAT Test for Refactored Components	160 days	5%	Mon 1/19/09	Tue 9/1/09
419	COMS S&B	S&B ITRF - Generate Test Data for Refactored Components	160 days	5%	Mon 1/19/09	Tue 9/1/09
420	COMS S&B	S&B ITRF - Perform Regression Testing for Refactored Components	136 days	5%	Mon 2/23/09	Wed 9/2/09
421	COMS S&B	S&B ITRF - Refactoring Complete	0 days	0%	Wed 9/2/09	Wed 9/2/09
422	**COMS S&B**	**CSI ITEST Support/Refactoring**	**71 days**	**0%**	**Wed 4/15/09**	**Mon 7/27/09**
423	COMS S&B	CSI ITRF - Develop General ITEST Refactored Code	60 days	0%	Fri 4/24/09	Mon 7/20/09
425	COMS S&B	Receive MMS5: Relese from MMS	0 days	0%	Wed 4/15/09	Wed 4/15/09
426	COMS S&B	Receive MMS5 Assessed of Changes from MMS	0 days	0%	Wed 5/6/09	Wed 5/6/09
427	COMS S&B	CSI ITRF - MMS5 Refactoring	20 days	0%	Fri 4/24/09	Thu 5/21/09
428	COMS S&B	CSI ITRF - Perform FAT Test for Refactored Components	40 days	0%	Fri 5/8/09	Mon 7/6/09
429	COMS S&B	CSI ITRF - Generate Test Data for Refactored Components	40 days	0%	Fri 5/8/09	Mon 7/6/09
430	COMS S&B	CSI ITRF - Perform Regression Testing for Refactored Components	40 days	0%	Mon 6/1/09	Mon 7/27/09
431	COMS S&B	CSI ITRF - Refactoring Complete	0 days	0%	Mon 7/27/09	Mon 7/27/09
432	COMS S&B	COMS: S&B Integration Testing Support Complete	0 days	0%	Wed 9/2/09	Wed 9/2/09
433	**COMS S&B**	**COMS: S&B/Data Agg/ CSI Pre-Production Activities**	**48 days**	**0%**	**Thu 9/3/09**	**Tue 11/10/09**



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

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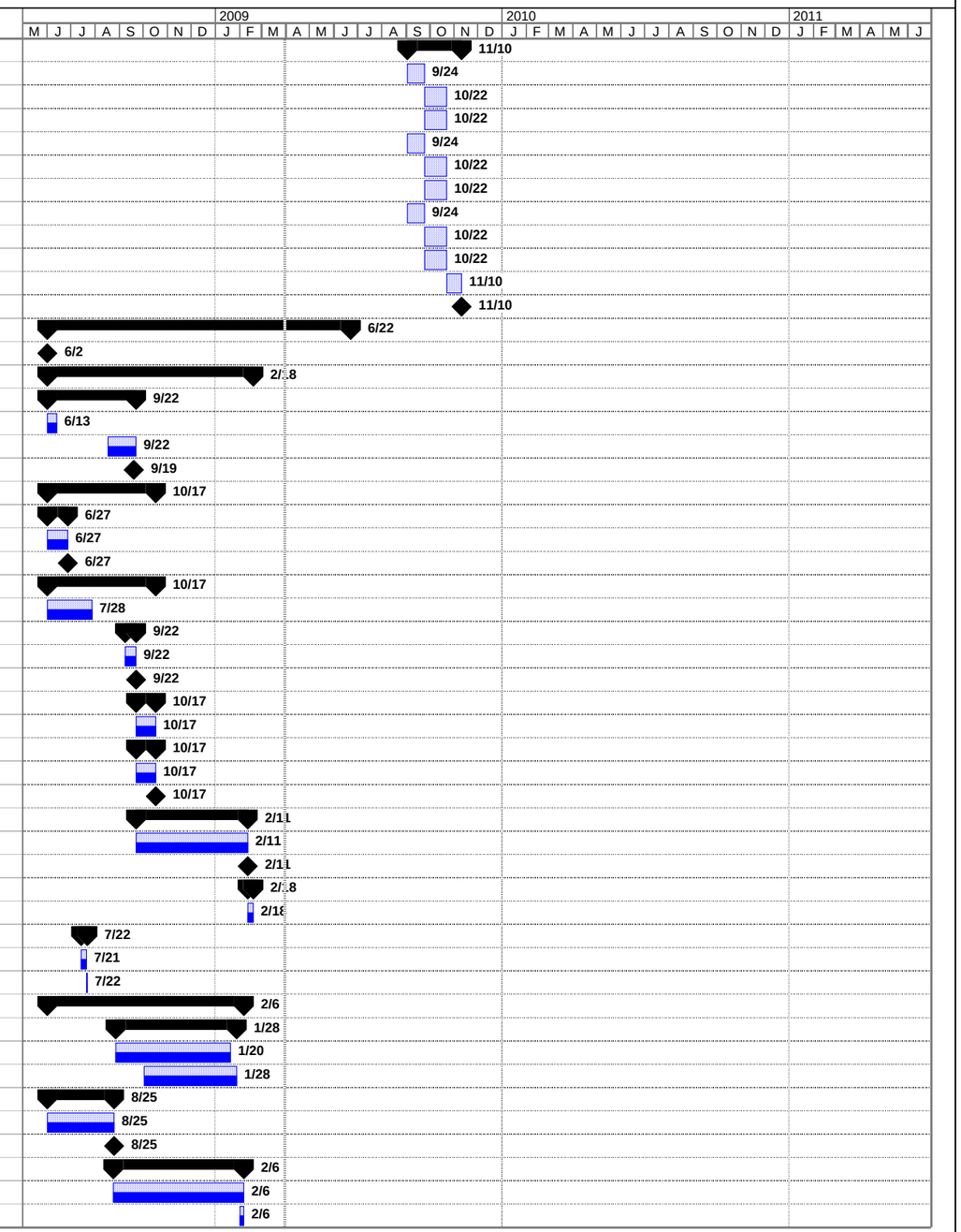
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
434	**COMS S&B**	**Documentation**	**48 days**	**0%**	**Thu 9/3/09**	**Tue 11/10/09**
435	COMS S&B	PPA - Develop S&B "As Built" Requirements	15 days	0%	Thu 9/3/09	Thu 9/24/09
436	COMS S&B	PPA - Develop S&B "As Built" CSD/Detailed Design Documents	20 days	0%	Fri 9/25/09	Thu 10/22/09
437	COMS S&B	PPA - Develop S&B "As Built" Functional Decompositions	20 days	0%	Fri 9/25/09	Thu 10/22/09
438	COMS S&B	PPA - Develop Data Agg "As Built" Requirements	15 days	0%	Thu 9/3/09	Thu 9/24/09
439	COMS S&B	PPA - Develop Data Agg "As Built" CSD/Detailed Design Documents	20 days	0%	Fri 9/25/09	Thu 10/22/09
440	COMS S&B	PPA - Develop Data Agg "As Built" Functional Decompositions	20 days	0%	Fri 9/25/09	Thu 10/22/09
441	COMS S&B	PPA - Develop CSI "As Built" Requirements	15 days	0%	Thu 9/3/09	Thu 9/24/09
442	COMS S&B	PPA - Develop CSI "As Built" CSD/Detailed Design Documents	20 days	0%	Fri 9/25/09	Thu 10/22/09
443	COMS S&B	PPA - Develop CSI "As Built" Functional Decompositions	20 days	0%	Fri 9/25/09	Thu 10/22/09
444	COMS S&B	PPA - Develop COMS End-to-End Operational Ready regression Test Scripts	13 days	0%	Fri 10/23/09	Tue 11/10/09
445	COMS S&B	PPA - Artifact Update Complete	0 days	0%	Tue 11/10/09	Tue 11/10/09
446	**COMS FT**	**COMS: Financial Transfer UI/Lodestar**	**260 days**	**83%**	**Mon 6/2/08**	**Mon 6/22/09**
447	COMS FT	Start for Master Schedulers	0 days	100%	Mon 6/2/08	Mon 6/2/08
448	**COMS FT**	**FT Artifacts**	**173 days**	**100%**	**Mon 6/2/08**	**Wed 2/18/09**
449	**COMS FT**	**FT Business Requirements**	**79 days**	**100%**	**Mon 6/2/08**	**Mon 9/22/08**
450	COMS FT	FT UI Requirements Completed	10 days	100%	Mon 6/2/08	Fri 6/13/08
451	COMS FT	Update FT UI Requirements	25 days	100%	Mon 8/18/08	Mon 9/22/08
452	COMS FT	Update FT UI Requirements Complete	0 days	100%	Fri 9/19/08	Fri 9/19/08
453	**COMS FT**	**FT Test Plans & Cases for UI & Lodestar**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
454	**COMS FT**	**FT Phase 1 Lodestar Piece**	**20 days**	**100%**	**Mon 6/2/08**	**Fri 6/27/08**
455	COMS FT	FT Phase 1 Lodestar Piece Detailed Test Cases	20 days	100%	Mon 6/2/08	Fri 6/27/08
456	COMS FT	FT Phase 1 Lodestar Piece Test Cases Completed	0 days	100%	Fri 6/27/08	Fri 6/27/08
457	**COMS FT**	**FT Phase 2 Gui Piece**	**98 days**	**100%**	**Mon 6/2/08**	**Fri 10/17/08**
458	COMS FT	FT Phase 2 GUI Piece Test Plan	40 days	100%	Mon 6/2/08	Mon 7/28/08
459	**COMS FT**	**FT Phase 2 GUI Piece Use Cases**	**10 days**	**100%**	**Tue 9/9/08**	**Mon 9/22/08**
460	COMS FT	FT Update Phase 2 GUI Use Cases	10 days	100%	Tue 9/9/08	Mon 9/22/08
461	COMS FT	FT Phase 2 GUI Use Cases Approved	0 days	100%	Mon 9/22/08	Mon 9/22/08
462	**COMS FT**	**FT Phase 2 GUI Test Cases**	**19 days**	**100%**	**Tue 9/23/08**	**Fri 10/17/08**
463	COMS FT	FT Update Phase 2 GUI Test Cases	19 days	100%	Tue 9/23/08	Fri 10/17/08
464	**COMS FT**	**FT Phase 2 GUI Test Scripts**	**19 days**	**100%**	**Tue 9/23/08**	**Fri 10/17/08**
465	COMS FT	FT Update Phase 2 GUI Test Scripts	19 days	100%	Tue 9/23/08	Fri 10/17/08
466	COMS FT	FT Test Plans & Cases for Phase 2 GUI & Phase 1 Lodestar Complete	0 days	100%	Fri 10/17/08	Fri 10/17/08
467	**COMS FT**	**FT Phase 2 GUI Functional Specification**	**89 days**	**100%**	**Tue 9/23/08**	**Wed 2/11/09**
468	COMS FT	FT Update Phase 2 Functional Specification	89 days	100%	Tue 9/23/08	Wed 2/11/09
469	COMS FT	FT Phase 2 Functional Specification Completed	0 days	100%	Wed 2/11/09	Wed 2/11/09
470	**COMS FT**	**FT Migration Control Documentation**	**5 days**	**100%**	**Thu 2/12/09**	**Wed 2/18/09**
471	COMS FT	FT Create Migration Control Document	5 days	100%	Thu 2/12/09	Wed 2/18/09
472	**COMS FT**	**FT Security Risk Assessment**	**6 days**	**100%**	**Tue 7/15/08**	**Tue 7/22/08**
473	COMS FT	FT Create App Dev Security Risk Assessment	5 days	100%	Tue 7/15/08	Mon 7/21/08
474	COMS FT	FT Approve Risk Assessment	1 day	100%	Tue 7/22/08	Tue 7/22/08
475	**COMS FT**	**FT Development**	**165 days**	**100%**	**Mon 6/2/08**	**Fri 2/6/09**
476	**COMS FT**	**FT Phase 2 GUI Internal Portal**	**96 days**	**100%**	**Thu 8/28/08**	**Wed 1/28/09**
477	COMS FT	FT Create Phase 2 GUI Internal Infrastructure Portal	90 days	100%	Thu 8/28/08	Tue 1/20/09
478	COMS FT	FT Create Phase 2 GUI Internal Roles Deployment	71 days	100%	Fri 10/3/08	Wed 1/28/09
479	**COMS FT**	**FT Phase 1 Build & Code for Lodestar**	**60 days**	**100%**	**Mon 6/2/08**	**Mon 8/25/08**
480	COMS FT	FT Phase 1 Lodestar Metadata Changes for FT tables incorporated	60 days	100%	Mon 6/2/08	Mon 8/25/08
481	COMS FT	FT Phase 1 Lodestar Metadata Changes for FT tables incorporated Complete	0 days	100%	Mon 8/25/08	Mon 8/25/08
482	**COMS FT**	**FT Phase 2 GUI Build & Code**	**106 days**	**100%**	**Mon 8/25/08**	**Fri 2/6/09**
483	COMS FT	FT Phase 2 GUI Build Code	106 days	100%	Mon 8/25/08	Fri 2/6/09
484	COMS FT	FT Population of Bank Data into FT Lodestar Tables	5 days	100%	Mon 2/2/09	Fri 2/6/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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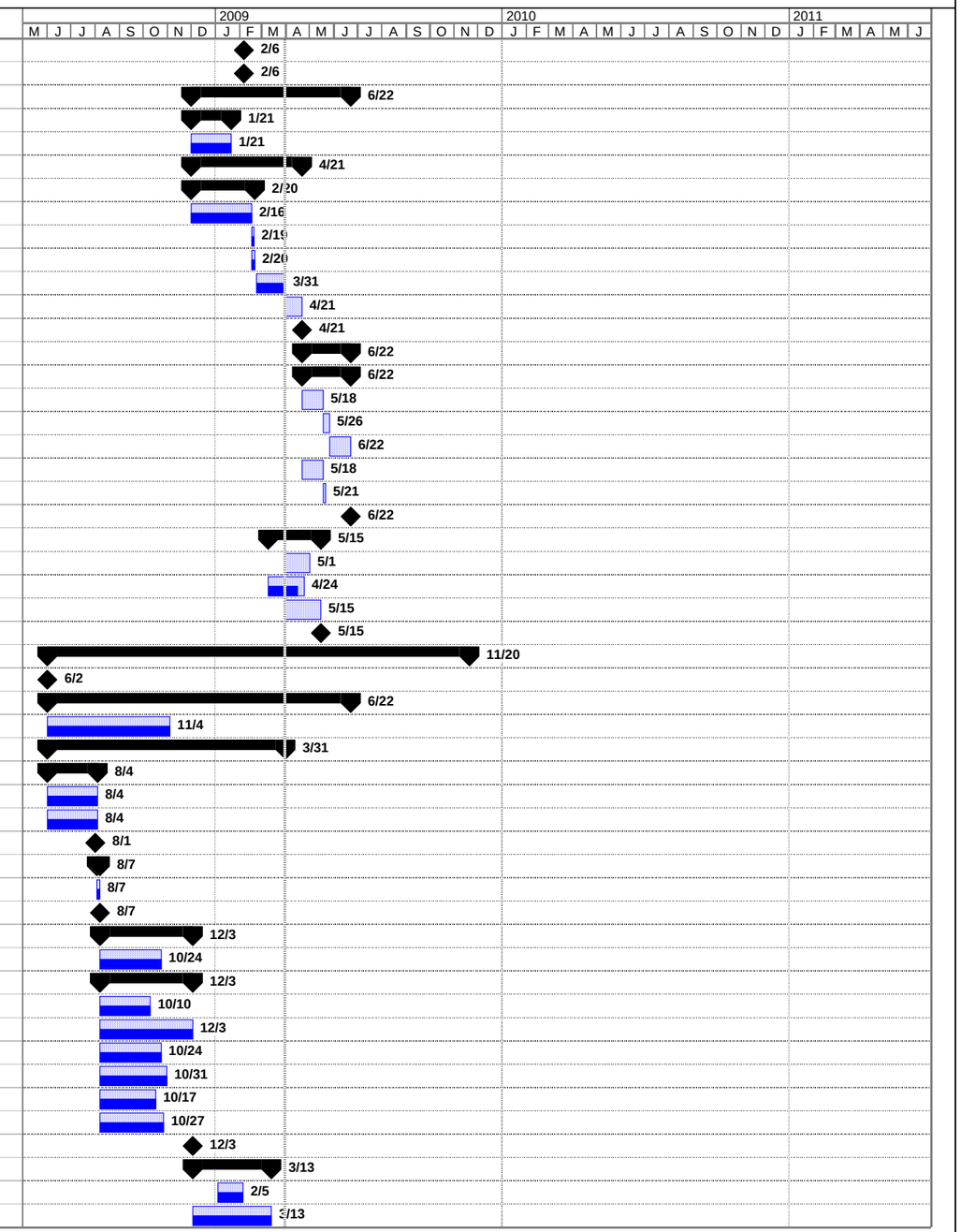
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
485	COMS FT	FT Complete Phase 2 GUI BuildCode	0 days	100%	Fri 2/6/09	Fri 2/6/09
486	COMS FT	FT Phase 2 GUI Development Complete	0 days	100%	Fri 2/6/09	Fri 2/6/09
487	**COMS FT**	**FT Testing**	**134 days**	**57%**	**Tue 12/2/08**	**Mon 6/22/09**
488	**COMS FT**	**FT Phase 1 unit/FAT Testing**	**27 days**	**100%**	**Tue 12/2/08**	**Wed 1/21/09**
489	COMS FT	FT Phase 1 Lodestar FAT Testing	27 days	100%	Tue 12/2/08	Wed 1/21/09
490	**COMS FT**	**Phase 2 GUI FAT Testing**	**91 days**	**83%**	**Tue 12/2/08**	**Tue 4/21/09**
491	**COMS FT**	**FT Security Verification Setup**	**49 days**	**100%**	**Tue 12/2/08**	**Fri 2/20/09**
492	COMS FT	FT EA Security Standards Developed	45 days	100%	Tue 12/2/08	Mon 2/16/09
493	COMS FT	FT Hardware Intalled/Configured	3 days	100%	Tue 2/17/09	Thu 2/19/09
494	COMS FT	FT Deployed FT GUI in FAT	4 days	100%	Tue 2/17/09	Fri 2/20/09
495	COMS FT	FT Phase 2 GUI FAT Testing	27 days	98%	Mon 2/23/09	Tue 3/31/09
496	COMS FT	FT Phase 2 GUI Send CSV File to Financial Institute for Validation	15 days	0%	Wed 4/1/09	Tue 4/21/09
497	COMS FT	FT Complete FAT for Phase 1 Lodestar & Phase 2 GUI	0 days	0%	Tue 4/21/09	Tue 4/21/09
498	**COMS FT**	**COMS: FT Integration Test Suppport**	**43 days**	**0%**	**Wed 4/22/09**	**Mon 6/22/09**
499	**COMS FT**	**FT iTEST Testing**	**43 days**	**0%**	**Wed 4/22/09**	**Mon 6/22/09**
500	COMS FT	FT Hardware Intalled/Configured	19 days	0%	Wed 4/22/09	Mon 5/18/09
501	COMS FT	FT Deployed FT GUI in iTest	5 days	0%	Tue 5/19/09	Tue 5/26/09
502	COMS FT	FT Business Verification	19 days	0%	Wed 5/27/09	Mon 6/22/09
503	COMS FT	FT Bug Fix Migrations	19 days	0%	Wed 4/22/09	Mon 5/18/09
504	COMS FT	Deploy FT to Production	3 days	0%	Tue 5/19/09	Thu 5/21/09
505	COMS FT	COMS FT Integration Test Support Complete	0 days	0%	Mon 6/22/09	Mon 6/22/09
506	**COMS FT**	**FT - Business and Operations Support Documents**	**49 days**	**30%**	**Tue 3/10/09**	**Fri 5/15/09**
507	COMS FT	FT - Create Ph2 GUI Opeartions Support Guide	23 days	0%	Wed 4/1/09	Fri 5/1/09
508	COMS FT	FT - Create Ph2 GUI Business Operating Procedures	34 days	80%	Tue 3/10/09	Fri 4/24/09
509	COMS FT	FT - Business and Operating Support Documents Complete	33 days	0%	Wed 4/1/09	Fri 5/15/09
510	COMS FT	COMS: Financial Transfer Complete	0 days	0%	Fri 5/15/09	Fri 5/15/09
511	**COMS CMM**	**COMS: Credit Monitoring & Management**	**367 days**	**62%**	**Mon 6/2/08**	**Fri 11/20/09**
512	COMS CMM	Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
513	**COMS CMM**	**Artifacts**	**260 days**	**84%**	**Mon 6/2/08**	**Mon 6/22/09**
514	COMS CMM	CMM Approval of Baseline 3 Credit NPRRs	110 days	100%	Mon 6/2/08	Tue 11/4/08
515	**COMS CMM**	**CMM Requirements Document**	**202 days**	**99%**	**Mon 6/2/08**	**Tue 3/31/09**
516	**COMS CMM**	**CMM Version 1.0**	**45 days**	**100%**	**Mon 6/2/08**	**Mon 8/4/08**
517	COMS CMM	Credit Monitoring & Management - Requirements	45 days	100%	Mon 6/2/08	Mon 8/4/08
518	COMS CMM	CMM Interface Requirements	45 days	100%	Mon 6/2/08	Mon 8/4/08
519	COMS CMM	CMM Requirements 1.0 complete & posted	0 days	100%	Fri 8/1/08	Fri 8/1/08
520	**COMS CMM**	**CMM Version 2.0**	**4 days**	**100%**	**Mon 8/4/08**	**Thu 8/7/08**
521	COMS CMM	Credit Monitoring & Management - Requirements 2.0	4 days	100%	Mon 8/4/08	Thu 8/7/08
522	COMS CMM	CMM Requirements 2.0 complete & posted	0 days	100%	Thu 8/7/08	Thu 8/7/08
523	**COMS CMM**	**CMM Version 3.0 - NPRR True-Up**	**80 days**	**100%**	**Fri 8/8/08**	**Wed 12/3/08**
524	COMS CMM	Credit Monitoring & Management - Requirements	55 days	100%	Fri 8/8/08	Fri 10/24/08
525	**COMS CMM**	**CMM Custom Management Requirements**	**80 days**	**100%**	**Fri 8/8/08**	**Wed 12/3/08**
526	COMS CMM	CMM - External Reports - Requirement Final	45 days	100%	Fri 8/8/08	Fri 10/10/08
527	COMS CMM	CMM - Credit Exposure Adjustments - Requirement Final	80 days	100%	Fri 8/8/08	Wed 12/3/08
528	COMS CMM	CMM - Credit Scoring - Requirement Final	55 days	100%	Fri 8/8/08	Fri 10/24/08
529	COMS CMM	CMM - ACL Screens & Adjustments	60 days	100%	Fri 8/8/08	Fri 10/31/08
530	COMS CMM	CMM - Bilateral Trade	50 days	100%	Fri 8/8/08	Fri 10/17/08
531	COMS CMM	CMM - Interface Requirements True Up	56 days	100%	Fri 8/8/08	Mon 10/27/08
532	COMS CMM	CMM 4.1 - Requirements Complete	0 days	100%	Wed 12/3/08	Wed 12/3/08
533	**COMS CMM**	**CMM 4.2 - Requirements**	**62 days**	**100%**	**Thu 12/4/08**	**Fri 3/13/09**
534	COMS CMM	CMM 4.2 - Custom Exposure Calc Screen	24 days	100%	Mon 1/5/09	Thu 2/5/09
535	COMS CMM	CMM 4.2 - Internal Only Reports	62 days	100%	Thu 12/4/08	Fri 3/13/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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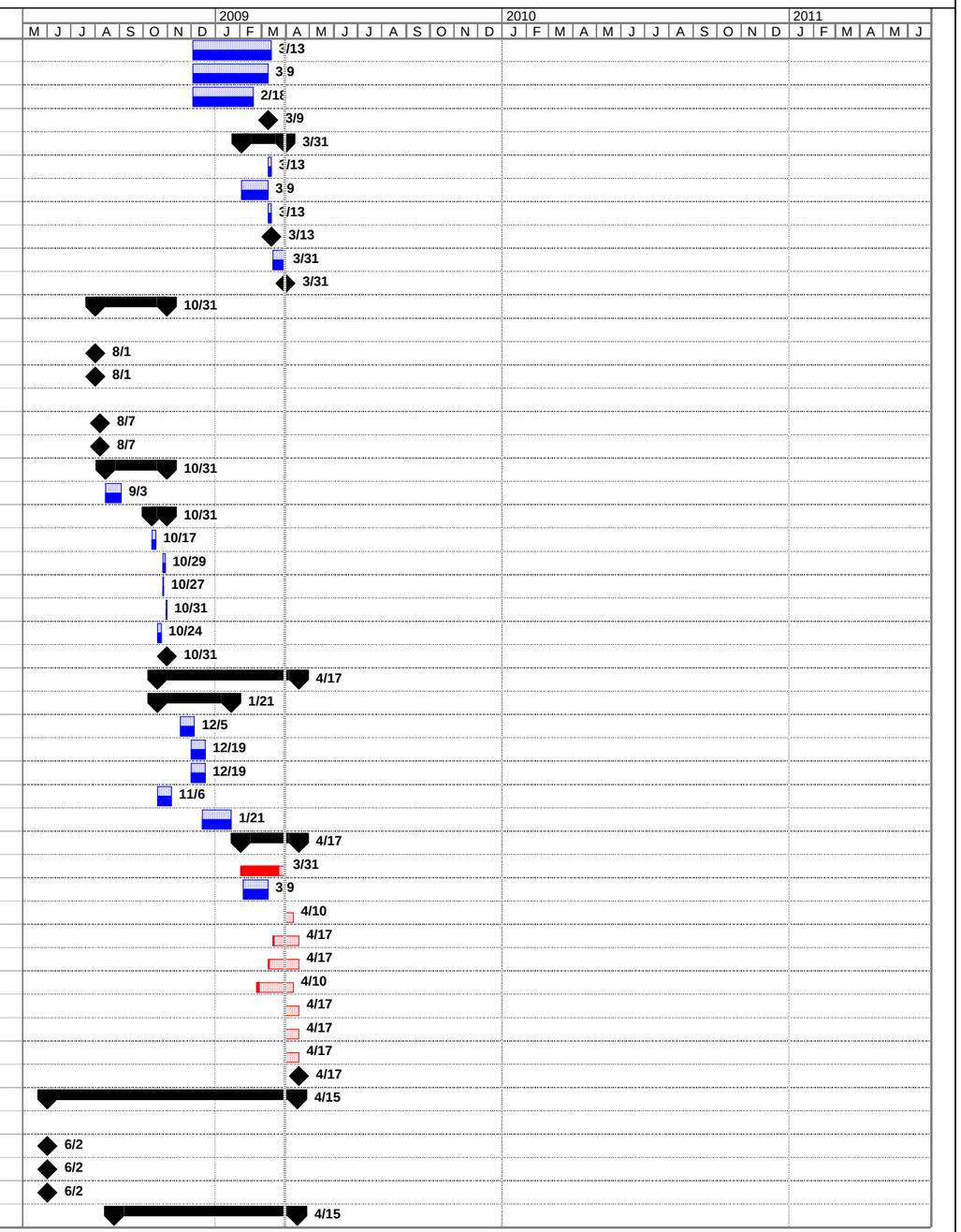
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
536	COMS CMM	CMM 4.2 Report Management	62 days	100%	Thu 12/4/08	Fri 3/13/09
537	COMS CMM	CMM 4.2 Late Payment, Breach Default Screen & Functionality	58 days	100%	Thu 12/4/08	Mon 3/9/09
538	COMS CMM	CMM 4.2 Exposure Parameter Maint	45 days	100%	Thu 12/4/08	Wed 2/18/09
539	COMS CMM	CMM - 4.2 Requirements complete	0 days	100%	Mon 3/9/09	Mon 3/9/09
540	**COMS CMM**	**CMM 4.3 - Remaining Functions**	**40 days**	**96%**	**Wed 2/4/09**	**Tue 3/31/09**
541	COMS CMM	CMM 4.3 - 12 Month Trailing Mergent Data Report	4 days	100%	Tue 3/10/09	Fri 3/13/09
542	COMS CMM	CMM 4.3 - Entity & MP Maint.	24 days	100%	Wed 2/4/09	Mon 3/9/09
543	COMS CMM	CMM 4.3 - Market Monitoring	4 days	100%	Tue 3/10/09	Fri 3/13/09
544	COMS CMM	CMM 4.3 - Requirements Complete	0 days	100%	Fri 3/13/09	Fri 3/13/09
545	COMS CMM	Business Final Approval of Requirements	12 days	85%	Mon 3/16/09	Tue 3/31/09
546	COMS CMM	CMM - Requirements 3.0 complete & posted	0 days	0%	Tue 3/31/09	Tue 3/31/09
547	**COMS CMM**	**CMM CSD Document**	**64 days**	**100%**	**Fri 8/1/08**	**Fri 10/31/08**
548	**COMS CMM**	**CMM - Version 1.0**	**0 days**	**100%**	**Fri 8/1/08**	**Fri 8/1/08**
549	COMS CMM	CMM - Credit Monitoring & Management	0 days	100%	Fri 8/1/08	Fri 8/1/08
550	COMS CMM	CMM - CSD 1.0 Complete & posted	0 days	100%	Fri 8/1/08	Fri 8/1/08
551	**COMS CMM**	**CMM - Version 2.0**	**0 days**	**100%**	**Thu 8/7/08**	**Thu 8/7/08**
552	COMS CMM	CMM - Credit Monitoring & Management	0 days	100%	Thu 8/7/08	Thu 8/7/08
553	COMS CMM	CMM - CSD 2.0 Complete & Posted	0 days	100%	Thu 8/7/08	Thu 8/7/08
554	**COMS CMM**	**CMM - Version 3.0**	**55 days**	**100%**	**Fri 8/15/08**	**Fri 10/31/08**
555	COMS CMM	CMM - Credit Monitoring & Management Base	13 days	100%	Fri 8/15/08	Wed 9/3/08
556	**COMS CMM**	**CMM - Custom Mangement (4.1, 4.2, 4.3)**	**15 days**	**100%**	**Mon 10/13/08**	**Fri 10/31/08**
557	COMS CMM	CMM - External Reports	5 days	100%	Mon 10/13/08	Fri 10/17/08
558	COMS CMM	CMM - Credit Exposure Adjustment	3 days	100%	Mon 10/27/08	Wed 10/29/08
559	COMS CMM	CMM - Credit Scoring	1 day	100%	Mon 10/27/08	Mon 10/27/08
560	COMS CMM	CMM - ACL Screens & Adjustments	1 day	100%	Fri 10/31/08	Fri 10/31/08
561	COMS CMM	CMM - Bilateral Trade	5 days	100%	Mon 10/20/08	Fri 10/24/08
562	COMS CMM	CMM - CSD 3.0 Complete & Posted	0 days	100%	Fri 10/31/08	Fri 10/31/08
563	**COMS CMM**	**CMM - Detailed Designs**	**117 days**	**48%**	**Mon 10/20/08**	**Fri 4/17/09**
564	**COMS CMM**	**CMM Detailed Analysis & Design Requirements (DADs) 4.1**	**55 days**	**100%**	**Mon 10/20/08**	**Wed 1/21/09**
565	COMS CMM	CMM 4.1.1 - Credit Scoring DaD	11 days	100%	Tue 11/18/08	Fri 12/5/08
566	COMS CMM	CMM 4.1.2 - External Reports DaD	14 days	100%	Tue 12/2/08	Fri 12/19/08
567	COMS CMM	CMM 4.1.3 - Bilateral Trade DaD	14 days	100%	Tue 12/2/08	Fri 12/19/08
568	COMS CMM	CMM 4.1.4 Mergent Data Feed	14 days	100%	Mon 10/20/08	Thu 11/6/08
569	COMS CMM	CMM 4.1.5 Component Exposure DaD	17 days	100%	Tue 12/16/08	Wed 1/21/09
570	**COMS CMM**	**CMM Detailed Analysis & Design Requirements (DADs) 4.2 AND 4.3**	**54 days**	**30%**	**Tue 2/3/09**	**Fri 4/17/09**
571	COMS CMM	CMM 4.2.2 - ACL Screens & Adjustment DaD	41 days	85%	Tue 2/3/09	Tue 3/31/09
572	COMS CMM	CMM 4.2.3 - Custom Calculation Management Dad	22 days	100%	Fri 2/6/09	Mon 3/9/09
573	COMS CMM	CMM 4.2.4 - Internal Only Reports	10 days	0%	Mon 3/30/09	Fri 4/10/09
574	COMS CMM	CMM 4.2.5 - Report Management	25 days	5%	Mon 3/16/09	Fri 4/17/09
575	COMS CMM	CMM 4.2.6 - Late Payment, Breach Default Screen & Functionality	29 days	5%	Tue 3/10/09	Fri 4/17/09
576	COMS CMM	CMM 4.2.7 - Exposure Parameter maint DAD	35 days	10%	Mon 2/23/09	Fri 4/10/09
577	COMS CMM	CMM 4.3.1- Entity & MP Maint DAD	15 days	0%	Mon 3/30/09	Fri 4/17/09
578	COMS CMM	CMM 4.3.2 - Market Monitoring Dad	15 days	0%	Mon 3/30/09	Fri 4/17/09
579	COMS CMM	CMM 4.3.3 - 12 Month Trailing Mergent Report Dad	15 days	0%	Mon 3/30/09	Fri 4/17/09
580	COMS CMM	CMM Detail Designs Complete	0 days	0%	Fri 4/17/09	Fri 4/17/09
581	**COMS CMM**	**CMM - Testing Artifacts**	**213 days**	**87%**	**Mon 6/2/08**	**Wed 4/15/09**
582	**COMS CMM**	**CMM Base Product Release**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
583	COMS CMM	CMM - Test Plan	0 days	100%	Mon 6/2/08	Mon 6/2/08
584	COMS CMM	CMM - Test Cases	0 days	100%	Mon 6/2/08	Mon 6/2/08
585	COMS CMM	CMM - Test Scripts	0 days	100%	Mon 6/2/08	Mon 6/2/08
586	**COMS CMM**	**CMM 4.1 Testing Artifacts**	**153 days**	**87%**	**Tue 8/26/08**	**Wed 4/15/09**

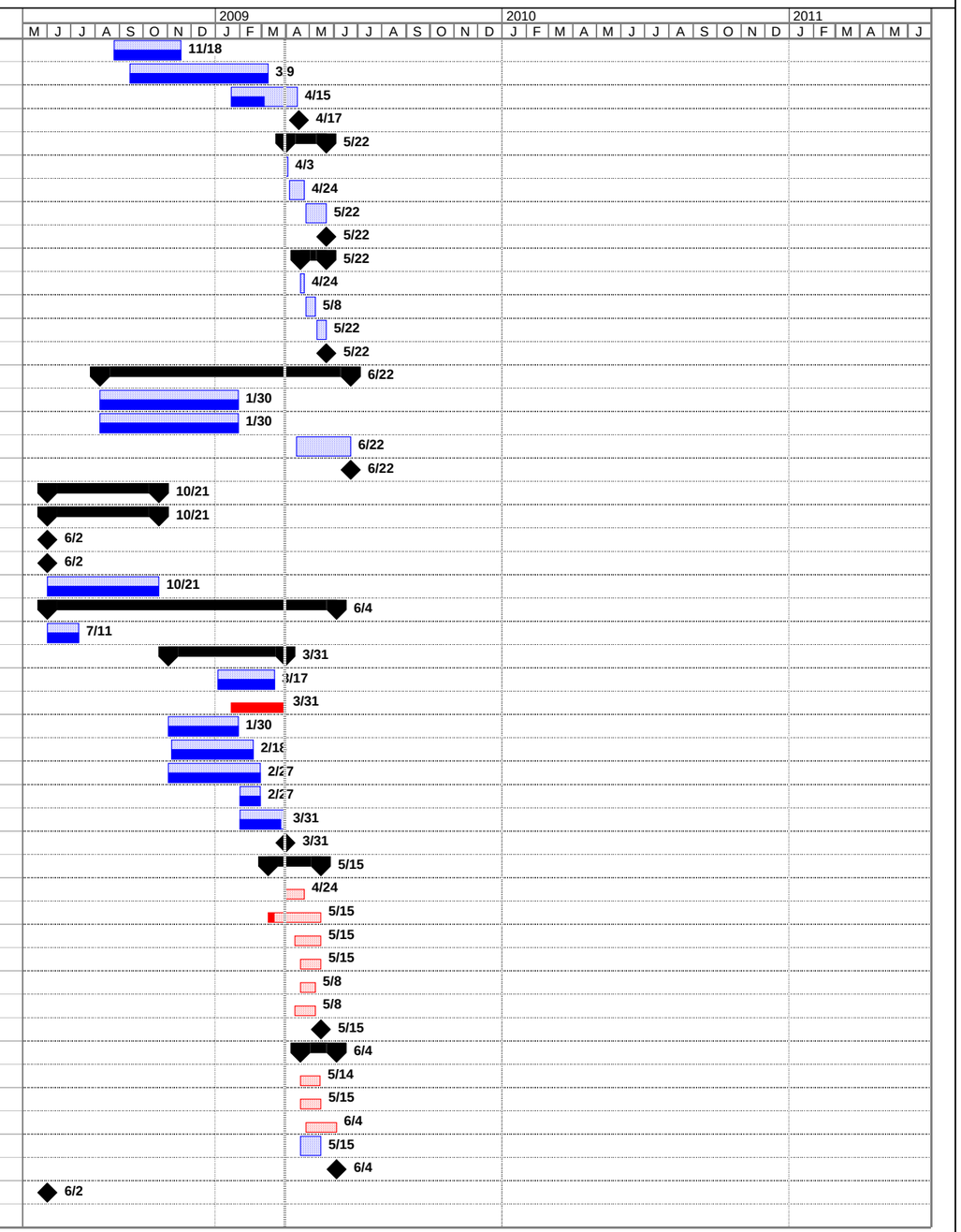


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
587	COMS CMM	CMM - 4.1 Test Plan	60 days	100%	Tue 8/26/08	Tue 11/18/08
588	COMS CMM	CMM - 4.1 Test Cases	113 days	100%	Mon 9/15/08	Mon 3/9/09
589	COMS CMM	CMM - 4.1 Test Scripts	60 days	50%	Thu 1/22/09	Wed 4/15/09
590	COMS CMM	CMM 4.1 Testing Artifacts Complete	0 days	0%	Fri 4/17/09	Fri 4/17/09
591	**COMS CMM**	**CMM 4.2 Testing Artifacts**	**38 days**	**0%**	**Wed 4/1/09**	**Fri 5/22/09**
592	COMS CMM	CMM - 4.2 Test Plan	3 days	0%	Wed 4/1/09	Fri 4/3/09
593	COMS CMM	CMM - 4.2Test Cases	15 days	0%	Mon 4/6/09	Fri 4/24/09
594	COMS CMM	CMM - 4.2 Test Scripts	20 days	0%	Mon 4/27/09	Fri 5/22/09
595	COMS CMM	CMM 4.2 Testing Artifacts Complete	0 days	0%	Fri 5/22/09	Fri 5/22/09
596	**COMS CMM**	**CMM 4.3 Custom Management Release Testing Artifacts**	**25 days**	**0%**	**Mon 4/20/09**	**Fri 5/22/09**
597	COMS CMM	CMM - 4.3 Test Plan	5 days	0%	Mon 4/20/09	Fri 4/24/09
598	COMS CMM	CMM - 4.3 Test Cases	10 days	0%	Mon 4/27/09	Fri 5/8/09
599	COMS CMM	CMM - 4.3 Test Scripts	10 days	0%	Mon 5/11/09	Fri 5/22/09
600	COMS CMM	CMM 4.3 Testing Artifacts Complete	0 days	0%	Fri 5/22/09	Fri 5/22/09
601	**COMS CMM**	**Operations Artifacts**	**212 days**	**82%**	**Fri 8/8/08**	**Mon 6/22/09**
602	COMS CMM	Operations Guide (IT)	112 days	100%	Fri 8/8/08	Fri 1/30/09
603	COMS CMM	Maintenance Guide (IT)	112 days	100%	Fri 8/8/08	Fri 1/30/09
604	COMS CMM	Business Process (business)	48 days	0%	Wed 4/15/09	Mon 6/22/09
605	COMS CMM	Operations Artifacts complete	0 days	0%	Mon 6/22/09	Mon 6/22/09
606	**COMS CMM**	**Infrastructure**	**100 days**	**100%**	**Mon 6/2/08**	**Tue 10/21/08**
607	**COMS CMM**	**COMS: Credit Monitoring & Management**	**100 days**	**100%**	**Mon 6/2/08**	**Tue 10/21/08**
608	COMS CMM	Development environment ready	0 days	100%	Mon 6/2/08	Mon 6/2/08
609	COMS CMM	iTEST environment ready	0 days	100%	Mon 6/2/08	Mon 6/2/08
610	COMS CMM	EDS/Production environment ready	100 days	100%	Mon 6/2/08	Tue 10/21/08
611	**COMS CMM**	**Development & Construction**	**248 days**	**63%**	**Mon 6/2/08**	**Thu 6/4/09**
612	COMS CMM	CMM Base Product Release (Includes Pre-FAT)	29 days	100%	Mon 6/2/08	Fri 7/11/08
613	**COMS CMM**	**CMM Release 4.1 Build**	**94 days**	**99%**	**Mon 11/3/08**	**Tue 3/31/09**
614	COMS CMM	CMM 4.1.2 - External Reports delivered to ERCOT	52 days	100%	Mon 1/5/09	Tue 3/17/09
615	COMS CMM	CMM 4.1.5 - Credit Exposure Component Adjustment Delivered to ERCOT	49 days	98%	Thu 1/22/09	Tue 3/31/09
616	COMS CMM	CMM 4.1.1 - Credit Scoring Delivered to ERCOT	52 days	100%	Mon 11/3/08	Fri 1/30/09
617	COMS CMM	CMM 4.1.4 - Mergent Data Feed Delivered to ERCOT	61 days	100%	Fri 11/7/08	Wed 2/18/09
618	COMS CMM	CMM 4.1.3 - Bilateral Trade Delivered to ERCOT	72 days	100%	Mon 11/3/08	Fri 2/27/09
619	COMS CMM	CMM - Mergent installation Delivered to ERCOT	20 days	100%	Mon 2/2/09	Fri 2/27/09
620	COMS CMM	CMM 4.1.1a - Credit Scoring Workflows Delivered to ERCOT	42 days	90%	Mon 2/2/09	Tue 3/31/09
621	COMS CMM	CMM 4.1 Development Complete	0 days	0%	Tue 3/31/09	Tue 3/31/09
622	**COMS CMM**	**CMM Release 4.2 Build**	**49 days**	**4%**	**Tue 3/10/09**	**Fri 5/15/09**
623	COMS CMM	CMM 4.2.2 - ACL Screens and Adjustments	18 days	0%	Wed 4/1/09	Fri 4/24/09
625	COMS CMM	CMM 4.2.3 - Custom Exposure Calc Delivered to ERCOT	49 days	12%	Tue 3/10/09	Fri 5/15/09
626	COMS CMM	CMM 4.2.4 - Internal Only Reports Delivered to ERCOT	25 days	0%	Mon 4/13/09	Fri 5/15/09
627	COMS CMM	CMM 4.2.5 Report Management Delivered to ERCOT	20 days	0%	Mon 4/20/09	Fri 5/15/09
628	COMS CMM	CMM 4.2.6 Late Payment, Breach Default Screen & Functionality Delivered to ERCOT	15 days	0%	Mon 4/20/09	Fri 5/8/09
629	COMS CMM	CMM 4.2.7 - Exposure Parameter Maint. Delivered to ERCOT	20 days	0%	Mon 4/13/09	Fri 5/8/09
630	COMS CMM	CMM - 4.2 Development Complete	0 days	0%	Fri 5/15/09	Fri 5/15/09
631	**COMS CMM**	**CMM Release 4.3 Build**	**33 days**	**0%**	**Mon 4/20/09**	**Thu 6/4/09**
632	COMS CMM	CMM 4.3.1 - Entity & MP Maint Delivered to ERCOT	19 days	0%	Mon 4/20/09	Thu 5/14/09
633	COMS CMM	CMM 4.3.2 - Market Monitoring Report Delivered to ERCOT	20 days	0%	Mon 4/20/09	Fri 5/15/09
634	COMS CMM	CMM 4.3.3 Twelve Month Trailing Mergent Data Report Delivered to ERCOT	28 days	0%	Mon 4/27/09	Thu 6/4/09
635	COMS CMM	CMM - 4.3 Refactoring & Bug Fixes	20 days	0%	Mon 4/20/09	Fri 5/15/09
636	COMS CMM	CMM 4.3 Development Complete	0 days	0%	Thu 6/4/09	Thu 6/4/09
637	**COMS CMM**	**CMM/CSI Integration Release Development**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
638	**COMS CMM**	**Release 3.1 - ROME developed Interfaces (Import / Export routines & control table code)**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**

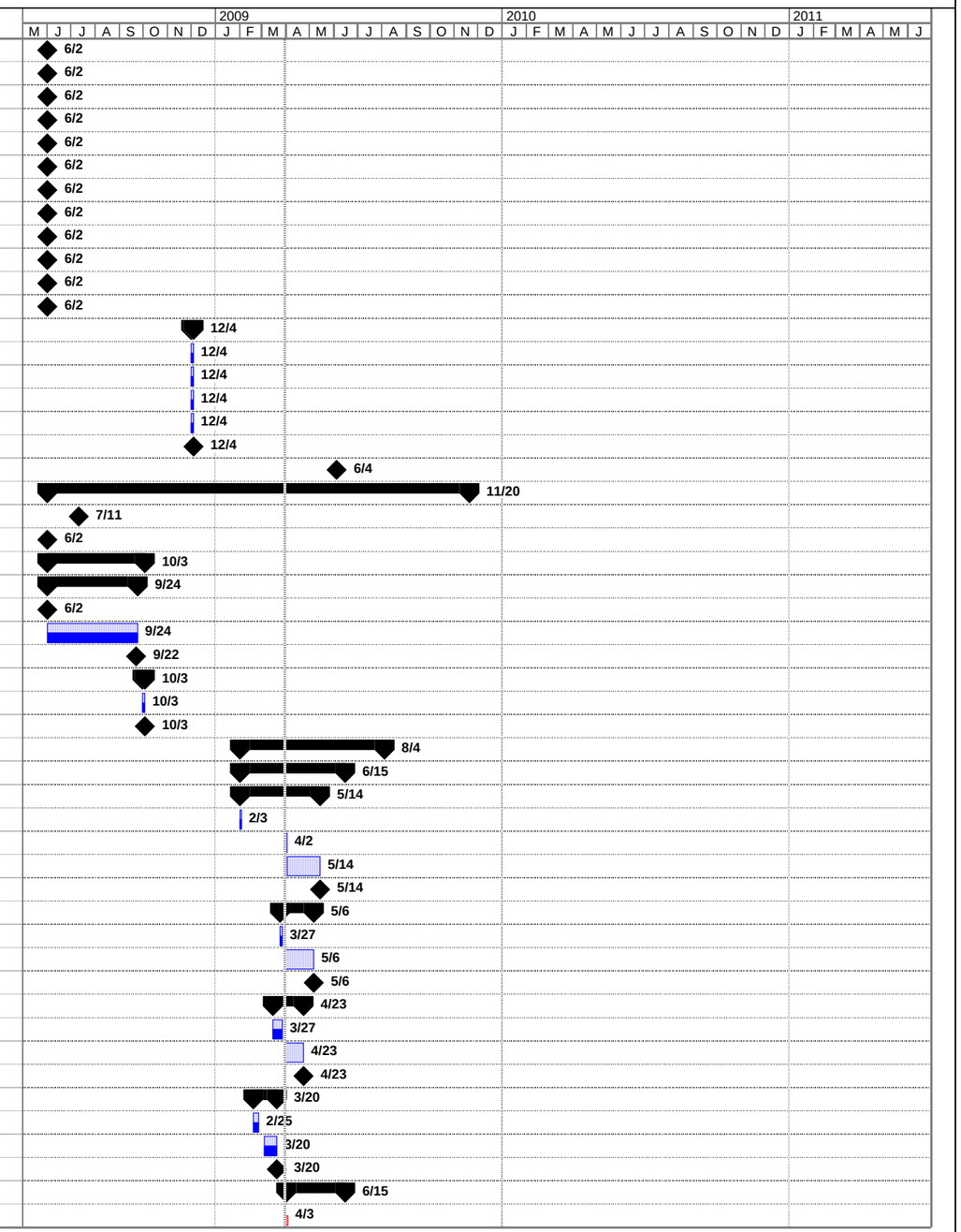


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

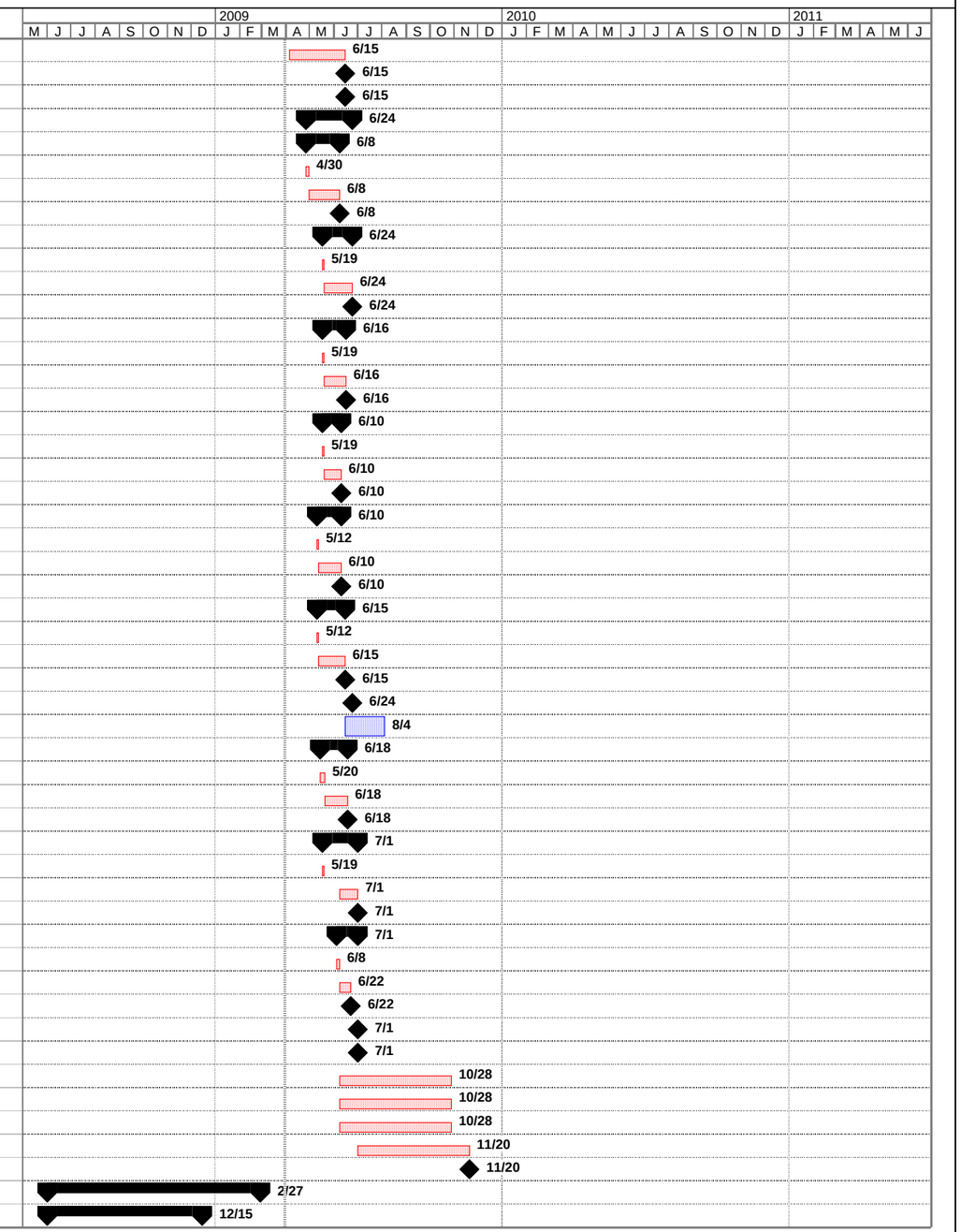
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
639	COMS CMM	CMM -> CRR: CRR ACL	0 days	100%	Mon 6/2/08	Mon 6/2/08
640	COMS CMM	CRR -> CMM: CRR ACL Accepted	0 days	100%	Mon 6/2/08	Mon 6/2/08
641	COMS CMM	CRR -> CMM: CRR Bilateral Trade Request	0 days	100%	Mon 6/2/08	Mon 6/2/08
642	COMS CMM	CMM -> CRR: CRR Bilateral Trade Response	0 days	100%	Mon 6/2/08	Mon 6/2/08
643	COMS CMM	Excel -> CMM: CRR Calendar Loads	0 days	100%	Mon 6/2/08	Mon 6/2/08
644	COMS CMM	CMM MMS: DAM Calculated ACL	0 days	100%	Mon 6/2/08	Mon 6/2/08
645	COMS CMM	CSI -> CMM: DAM ACL received indicator	0 days	100%	Mon 6/2/08	Mon 6/2/08
646	COMS CMM	CMM REG: LE Creditworthy Flag	0 days	100%	Mon 6/2/08	Mon 6/2/08
647	COMS CMM	Reg -> CMM: Entity Details	0 days	100%	Mon 6/2/08	Mon 6/2/08
648	COMS CMM	Reg -> CMM: Entity Address	0 days	100%	Mon 6/2/08	Mon 6/2/08
649	COMS CMM	Reg -> CMM: Entity Contacts	0 days	100%	Mon 6/2/08	Mon 6/2/08
650	COMS CMM	Reg -> CMM: Entity Bank Accounts	0 days	100%	Mon 6/2/08	Mon 6/2/08
651	**COMS CMM**	**CMM - External Report Infrastructure**	**3 days**	**100%**	**Tue 12/2/08**	**Thu 12/4/08**
652	COMS CMM	Report ID Created	3 days	100%	Tue 12/2/08	Thu 12/4/08
653	COMS CMM	MIR DB configuration	3 days	100%	Tue 12/2/08	Thu 12/4/08
654	COMS CMM	MID Configuration	3 days	100%	Tue 12/2/08	Thu 12/4/08
655	COMS CMM	Report Folders Created	3 days	100%	Tue 12/2/08	Thu 12/4/08
656	COMS CMM	External Reports MID.MIR Set Up Completed	0 days	100%	Thu 12/4/08	Thu 12/4/08
657	COMS CMM	CMM Development & Unit Test Complete	0 days	0%	Thu 6/4/09	Thu 6/4/09
658	**COMS CMM**	**CMM - FAT Testing Phases**	**367 days**	**13%**	**Mon 6/2/08**	**Fri 11/20/09**
659	COMS CMM	CMM Base Product Release FAT	0 days	100%	Fri 7/11/08	Fri 7/11/08
660	COMS CMM	CMM Custom Calculation Release FAT	0 days	100%	Mon 6/2/08	Mon 6/2/08
661	**COMS CMM**	**CMM Integration Testing Phases**	**88 days**	**100%**	**Mon 6/2/08**	**Fri 10/3/08**
662	**COMS CMM**	**CMM 3.1 - ROME developed Interfaces**	**81 days**	**100%**	**Mon 6/2/08**	**Wed 9/24/08**
663	COMS CMM	Unit Testing (was included in Development time)	0 days	100%	Mon 6/2/08	Mon 6/2/08
664	COMS CMM	FAT Testing	81 days	100%	Mon 6/2/08	Wed 9/24/08
665	COMS CMM	Deliver CMM - 3.1 to iTest	0 days	100%	Mon 9/22/08	Mon 9/22/08
667	**COMS CMM**	**CMM 3.2 - S&B, CSI - ERCOT developed interfaces**	**3 days**	**100%**	**Wed 10/1/08**	**Fri 10/3/08**
668	COMS CMM	CMM - 3.2 Unit Testing (also including pre-FAT)	3 days	100%	Wed 10/1/08	Fri 10/3/08
669	COMS CMM	Deliver CMM - 3.2 to iTest	0 days	100%	Fri 10/3/08	Fri 10/3/08
671	**COMS CMM**	**CMM - FAT Testing Custom Management**	**130 days**	**8%**	**Mon 2/2/09**	**Tue 8/4/09**
672	**COMS CMM**	**Release 4.1 FAT**	**95 days**	**20%**	**Mon 2/2/09**	**Mon 6/15/09**
673	**COMS CMM**	**CMM 4.1.1 Credit Scoring FAT**	**74 days**	**6%**	**Mon 2/2/09**	**Thu 5/14/09**
674	COMS CMM	CMM 4.1.1 Credit Scoring Initial Migration to FAT	2 days	100%	Mon 2/2/09	Tue 2/3/09
675	COMS CMM	CMM 4.1.1a Credit Scoring WF Migration to FAT	2 days	0%	Wed 4/1/09	Thu 4/2/09
676	COMS CMM	CMM 4.1.1 Credit Scoring Execute FAT	30 days	0%	Fri 4/3/09	Thu 5/14/09
677	COMS CMM	CMM 4.1.1 Credit Scoring FAT Complete	0 days	0%	Thu 5/14/09	Thu 5/14/09
678	**COMS CMM**	**CMM 4.1.2 External Reports iFAT**	**31 days**	**10%**	**Wed 3/25/09**	**Wed 5/6/09**
679	COMS CMM	CMM 4.1.2 External Reports Migration to FAT	3 days	100%	Wed 3/25/09	Fri 3/27/09
680	COMS CMM	CMM 4.1.2 External Reports Execute FAT	28 days	0%	Mon 3/30/09	Wed 5/6/09
681	COMS CMM	CMM 4.1.2 External Reports FAT Complete	0 days	0%	Wed 5/6/09	Wed 5/6/09
682	**COMS CMM**	**CMM 4.1.3 Bilateral Trade FAT**	**29 days**	**34%**	**Mon 3/16/09**	**Thu 4/23/09**
683	COMS CMM	CMM 4.1.3 Bilateral Trade Migration to FAT	10 days	100%	Mon 3/16/09	Fri 3/27/09
685	COMS CMM	CMM 4.1.3 Bilateral Trade Execute FAT	19 days	0%	Mon 3/30/09	Thu 4/23/09
686	COMS CMM	CMM 4.1.3 Bilateral Trade FAT Complete	0 days	0%	Thu 4/23/09	Thu 4/23/09
687	**COMS CMM**	**CMM 4.1.4 Mergent Data FAT**	**22 days**	**100%**	**Thu 2/19/09**	**Fri 3/20/09**
688	COMS CMM	CMM 4.1.4 Mergent Data Migration to FAT	5 days	100%	Thu 2/19/09	Wed 2/25/09
689	COMS CMM	CMM 4.1.4 Mergent Data Execute FAT	12 days	100%	Thu 3/5/09	Fri 3/20/09
690	COMS CMM	CMM 4.1.4 Mergent Data FAT Complete	0 days	100%	Fri 3/20/09	Fri 3/20/09
691	**COMS CMM**	**CMM 4.1.5 Component Exposure Adjustment FAT**	**52 days**	**0%**	**Thu 4/2/09**	**Mon 6/15/09**
692	COMS CMM	CMM 4.1.5 Component Exposure Adjustment Migration to FAT	2 days	0%	Thu 4/2/09	Fri 4/3/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
693	COMS CMM	CMM 4.1.5 Component Exposure Adjustment Execute FAT	50 days	0%	Mon 4/6/09	Mon 6/15/09
694	COMS CMM	CMM 4.1.5 Component Exposure Adjustment FAT Complete	0 days	0%	Mon 6/15/09	Mon 6/15/09
695	COMS CMM	CMM 4.1 FAT Test Execution Complete	0 days	0%	Mon 6/15/09	Mon 6/15/09
697	**COMS CMM**	**Release 4.2 FAT**	**42 days**	**0%**	**Mon 4/27/09**	**Wed 6/24/09**
698	**COMS CMM**	**CMM 4.2.2 ACL Screens and Adjustments FAT**	**30 days**	**0%**	**Mon 4/27/09**	**Mon 6/8/09**
699	COMS CMM	CMM 4.2.2 ACL Screens and Adjustments Migration to FAT	4 days	0%	Mon 4/27/09	Thu 4/30/09
700	COMS CMM	CMM 4.2.2 ACL Screens and Adjustments Execute FAT	26 days	0%	Fri 5/1/09	Mon 6/8/09
701	COMS CMM	CMM 4.2.2 ACL Screens and Adjustments FAT Complete	0 days	0%	Mon 6/8/09	Mon 6/8/09
703	**COMS CMM**	**CMM 4.2.3 Custom Calculation Management FAT**	**27 days**	**0%**	**Mon 5/18/09**	**Wed 6/24/09**
704	COMS CMM	CMM 4.2.3 Custom Calculation Management Migration to FAT	2 days	0%	Mon 5/18/09	Tue 5/19/09
705	COMS CMM	CMM 4.2.3 Custom Calculation Management Execute FAT	25 days	0%	Wed 5/20/09	Wed 6/24/09
706	COMS CMM	CMM 4.2.3 Custom Calculation Management FAT Complete	0 days	0%	Wed 6/24/09	Wed 6/24/09
707	**COMS CMM**	**CMM 4.2.4 Internal Reports FAT**	**21 days**	**0%**	**Mon 5/18/09**	**Tue 6/16/09**
708	COMS CMM	CMM 4.2.4 Internal Reports Migration to FAT	2 days	0%	Mon 5/18/09	Tue 5/19/09
709	COMS CMM	CMM 4.2.4 Internal Reports Execute FAT	19 days	0%	Wed 5/20/09	Tue 6/16/09
710	COMS CMM	CMM 4.2.4 Internal Reports FAT Complete	0 days	0%	Tue 6/16/09	Tue 6/16/09
711	**COMS CMM**	**CMM 4.2.5 Report Management FAT**	**17 days**	**0%**	**Mon 5/18/09**	**Wed 6/10/09**
712	COMS CMM	CMM 4.2.5 Report Management Migration to FAT	2 days	0%	Mon 5/18/09	Tue 5/19/09
713	COMS CMM	CMM 4.2.5 Report Management Execute FAT	15 days	0%	Wed 5/20/09	Wed 6/10/09
714	COMS CMM	CMM 4.2.5 Report ManagementFAT Complete	0 days	0%	Wed 6/10/09	Wed 6/10/09
715	**COMS CMM**	**CMM 4.2.6 Late Payment, Breach, Default Screens & Functionality FAT**	**22 days**	**0%**	**Mon 5/11/09**	**Wed 6/10/09**
716	COMS CMM	CMM 4.2.6 Late Payment, Breach, Default Screens Migration to FAT	2 days	0%	Mon 5/11/09	Tue 5/12/09
717	COMS CMM	CMM 4.2.6 Late Payment, Breach, Default Screens Execute FAT	20 days	0%	Wed 5/13/09	Wed 6/10/09
718	COMS CMM	CMM 4.2.6 Late Payment, Breach, Default Screens FAT Complete	0 days	0%	Wed 6/10/09	Wed 6/10/09
719	**COMS CMM**	**CMM 4.2.7 Exposure Parameter Maintenance FAT**	**25 days**	**0%**	**Mon 5/11/09**	**Mon 6/15/09**
720	COMS CMM	CMM 4.2.7 Exposure Parameter Maintenance Migration to FAT	2 days	0%	Mon 5/11/09	Tue 5/12/09
721	COMS CMM	CMM 4.2.7 Exposure Parameter Maintenance Execute FAT	23 days	0%	Wed 5/13/09	Mon 6/15/09
722	COMS CMM	CMM 4.2.7 Exposure Parameter Maintenance FAT Complete	0 days	0%	Mon 6/15/09	Mon 6/15/09
723	COMS CMM	CMM 4.2 FAT Test Execution Complete	0 days	0%	Wed 6/24/09	Wed 6/24/09
725	COMS CMM	Release 4.3 FAT	35 days	0%	Tue 6/16/09	Tue 8/4/09
726	**COMS CMM**	**CMM 4.3.1 Entity / MP Maint FAT**	**24 days**	**0%**	**Fri 5/15/09**	**Thu 6/18/09**
727	COMS CMM	CMM 4.3.1 Entity / MP Maintenance Migration to FAT	4 days	0%	Fri 5/15/09	Wed 5/20/09
728	COMS CMM	CMM 4.3.1 Entity / MP Maint. Execute FAT	20 days	0%	Thu 5/21/09	Thu 6/18/09
729	COMS CMM	CMM 4.3.1 Entity / MP FAT Complete	0 days	0%	Thu 6/18/09	Thu 6/18/09
730	**COMS CMM**	**CMM 4.3 Market Monitoring**	**32 days**	**0%**	**Mon 5/18/09**	**Wed 7/1/09**
731	COMS CMM	CMM 4.3.2 Market Monitoring Migration to FAT	2 days	0%	Mon 5/18/09	Tue 5/19/09
732	COMS CMM	CMM 4.3.2 Market Monitoring Execute FAT	17 days	0%	Tue 6/9/09	Wed 7/1/09
733	COMS CMM	CMM 4.3.2 Market Monitoring FAT Complete	0 days	0%	Wed 7/1/09	Wed 7/1/09
734	**COMS CMM**	**CMM 4.3.3 Twelve Month Trailing Mergent Data/Bug Fix Report**	**19 days**	**0%**	**Fri 6/5/09**	**Wed 7/1/09**
735	COMS CMM	CMM 4.3.3 Twelve Month Trailing Mergent Data Report Migration to FAT	2 days	0%	Fri 6/5/09	Mon 6/8/09
736	COMS CMM	CMM 4.3.3 Twelve Month Trailing Mergent Data Execute FAT	10 days	0%	Tue 6/9/09	Mon 6/22/09
737	COMS CMM	CMM 4.3.3 Twelve Month Mergent Data FAT Complete	0 days	0%	Mon 6/22/09	Mon 6/22/09
738	COMS CMM	CMM 4.3 FAT Execution Complete	0 days	0%	Wed 7/1/09	Wed 7/1/09
739	COMS CMM	CMM - FAT Complete Custom Management	0 days	0%	Wed 7/1/09	Wed 7/1/09
740	COMS CMM	CMM Refactoring / Integration / E2E Test Support	100 days	0%	Tue 6/9/09	Wed 10/28/09
741	COMS CMM	Project Management Support for INT and E2E testing	100 days	0%	Tue 6/9/09	Wed 10/28/09
742	COMS CMM	Defect Management Support for INT and E2E Testing	100 days	0%	Tue 6/9/09	Wed 10/28/09
743	COMS CMM	IT Transition Support for INT and E2E Testing	100 days	0%	Thu 7/2/09	Fri 11/20/09
744	COMS CMM	CMM Project END	0 days	0%	Fri 11/20/09	Fri 11/20/09
745	**COMS R/D**	**COMS: Registration / Disputes**	**180 days**	**100%**	**Mon 6/2/08**	**Fri 2/27/09**
746	**COMS R/D**	**COMS REG Phase 4 / Disputes Phase 2**	**136 days**	**100%**	**Mon 6/2/08**	**Mon 12/15/08**



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

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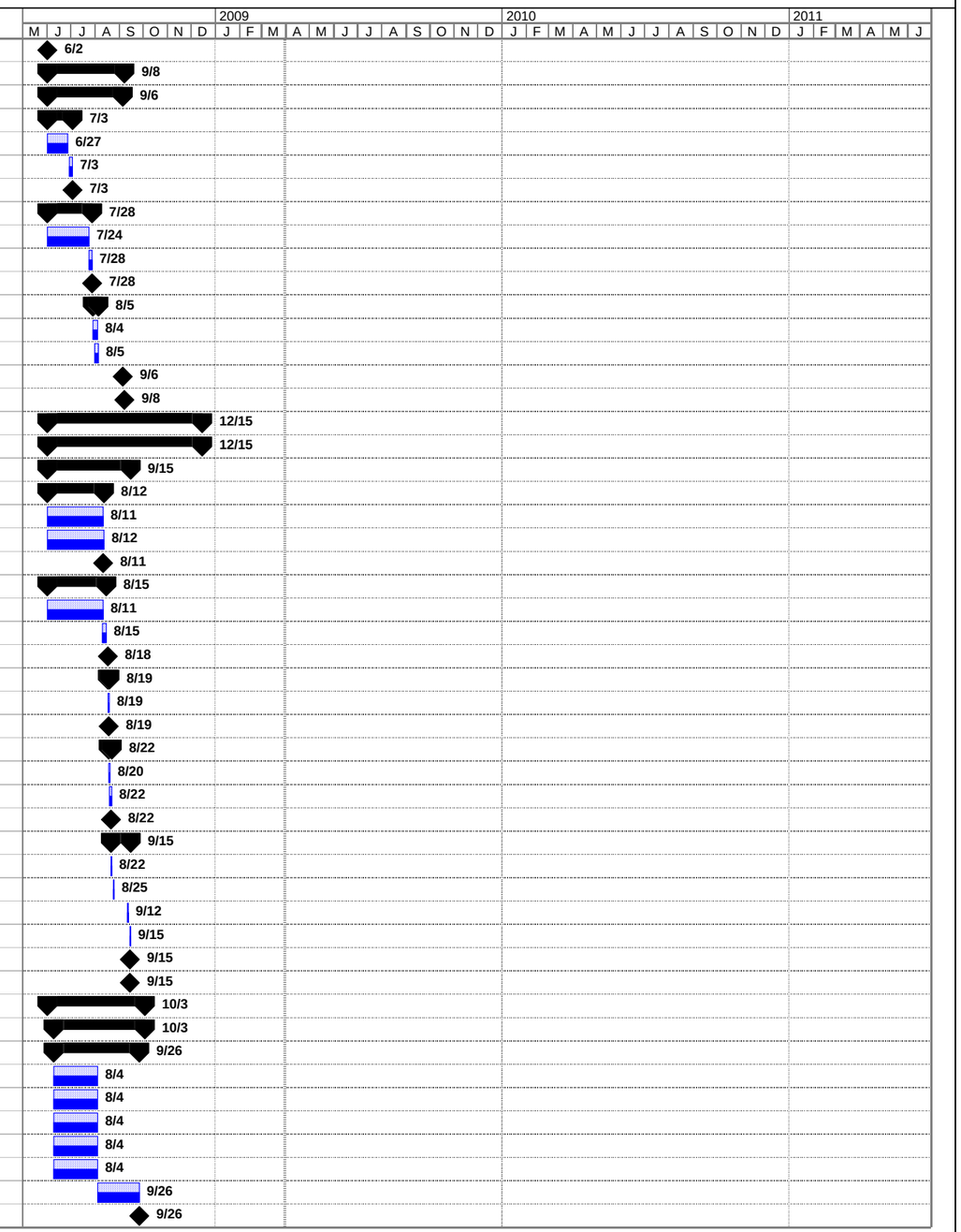
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
747	COMS R/D	COMS REG 4/DISP 2: Start Date for Master Schedulers	0 days	100%	Mon 6/2/08	Mon 6/2/08
748	**COMS R/D**	**COMS REG 4/DISP 2: PLANNING**	**68 days**	**100%**	**Mon 6/2/08**	**Mon 9/8/08**
749	**COMS R/D**	**COMS REG 4/DISP 2: PLANNING PHASE**	**68 days**	**100%**	**Mon 6/2/08**	**Sat 9/6/08**
750	**COMS R/D**	**COMS REG 4/DISP 2: BUSINESS REQUIREMENTS**	**24 days**	**100%**	**Mon 6/2/08**	**Thu 7/3/08**
751	COMS R/D	COMS REG 4/DISP 2: Gather / Document Deferred defects & Requirements from prev phases	20 days	100%	Mon 6/2/08	Fri 6/27/08
752	COMS R/D	COMS REG 4/DISP 2: Review & Approve included business requirements	4 days	100%	Mon 6/30/08	Thu 7/3/08
753	COMS R/D	COMS REG 4/DISP 2: Business Requirements Complete	0 days	100%	Thu 7/3/08	Thu 7/3/08
754	**COMS R/D**	**COMS REG 4/DISP 2: DETAILED DESIGN / SOFTWARE ARCHITECTURE**	**40 days**	**100%**	**Mon 6/2/08**	**Mon 7/28/08**
755	COMS R/D	COMS REG 4/DISP 2: Create & Update Detail Design / Software Architecture Document	38 days	100%	Mon 6/2/08	Thu 7/24/08
756	COMS R/D	COMS REG 4/DISP 2: Submit Detail Design / Software Architecture Document for approval	2 days	100%	Fri 7/25/08	Mon 7/28/08
757	COMS R/D	COMS REG 4/DISP 2: Detail Design / Software Architecture Document Complete	0 days	100%	Mon 7/28/08	Mon 7/28/08
758	**COMS R/D**	**COMS REG 4/DISP 2: TEST PLAN**	**5 days**	**100%**	**Wed 7/30/08**	**Tue 8/5/08**
759	COMS R/D	COMS REG 4/DISP 2: Create & Update Test Plan	4 days	100%	Wed 7/30/08	Mon 8/4/08
760	COMS R/D	COMS REG 4/DISP 2: Review & Approve Test Plan	3 days	100%	Fri 8/1/08	Tue 8/5/08
761	COMS R/D	COMS REG 4/DISP 2: Test Plan Complete	0 days	100%	Sat 9/6/08	Sat 9/6/08
762	COMS R/D	COMS REG 4/DISP 2: Planning Complete	0 days	100%	Mon 9/8/08	Mon 9/8/08
763	**COMS R/D**	**COMS REG 4/DISP 2: EXECUTION**	**136 days**	**100%**	**Mon 6/2/08**	**Mon 12/15/08**
764	**COMS R/D**	**COMS REG 4/DISP 2: EXECUTION & CONTROL PHASE**	**136 days**	**100%**	**Mon 6/2/08**	**Mon 12/15/08**
765	**COMS R/D**	**COMS REG 4/DISP 2: DEVELOPMENT**	**74 days**	**100%**	**Mon 6/2/08**	**Mon 9/15/08**
766	**COMS R/D**	**COMS REG 4/DISP 2: DEVELOPMENT CODING**	**51 days**	**100%**	**Mon 6/2/08**	**Tue 8/12/08**
767	COMS R/D	COMS REG 4/DISP 2: Code & Configure System Changes (Siebel)	50 days	100%	Mon 6/2/08	Mon 8/11/08
768	COMS R/D	COMS REG 4/DISP 2: Extract tables build for Disputes (meta data changes)	51 days	100%	Mon 6/2/08	Tue 8/12/08
769	COMS R/D	COMS REG 4/DISP 2: Development Coding Complete	0 days	100%	Mon 8/11/08	Mon 8/11/08
770	**COMS R/D**	**COMS REG 4/DISP 2: DEVELOPMENT UNIT TESTING COMPLETE**	**54 days**	**100%**	**Mon 6/2/08**	**Fri 8/15/08**
771	COMS R/D	COMS REG 4/DISP 2: Create Unit Test Scripts	50 days	100%	Mon 6/2/08	Mon 8/11/08
772	COMS R/D	COMS REG 4/DISP 2: Execute unit Test Scripts	5 days	100%	Mon 8/11/08	Fri 8/15/08
773	COMS R/D	COMS REG 4/DISP 2: Development Unit Testing Complete	0 days	100%	Mon 8/18/08	Mon 8/18/08
774	**COMS R/D**	**COMS REG 4/DISP 2: APPLICATION CODE RESYNCH IN DEVELOPMENT FOR DELIVERY**	**2 days**	**100%**	**Mon 8/18/08**	**Tue 8/19/08**
775	COMS R/D	COMS REG 4/DISP 2: Resynch Nodal development & Zonal build environment code for delivery	2 days	100%	Mon 8/18/08	Tue 8/19/08
776	COMS R/D	COMS REG 4/DISP 2: Application Code Zonal Nodal Resynch development complete	0 days	100%	Tue 8/19/08	Tue 8/19/08
777	**COMS R/D**	**COMS REG 4/DISP 2: PRODUCT TESTING APPLICATION**	**4 days**	**100%**	**Tue 8/19/08**	**Fri 8/22/08**
778	COMS R/D	COMS REG 4/DISP 2: Create Product Testing Scripts	2 days	100%	Tue 8/19/08	Wed 8/20/08
779	COMS R/D	COMS REG 4/DISP 2: Execute Product Test Scripts	3 days	100%	Wed 8/20/08	Fri 8/22/08
780	COMS R/D	COMS REG 4/DISP 2: Product Test Application complete	0 days	100%	Fri 8/22/08	Fri 8/22/08
781	**COMS R/D**	**COMS REG 4/DISP 2: MIGRATION CONTROL DOCUMENT(S)**	**16 days**	**100%**	**Fri 8/22/08**	**Mon 9/15/08**
782	COMS R/D	COMS REG 4/DISP 2: Create Manual Migration Control Request (MMCR) for Siebel Developmen	1 day	100%	Fri 8/22/08	Fri 8/22/08
783	COMS R/D	COMS REG 4/DISP 2: Review & Approve MMCR for Siebel Development	1 day	100%	Mon 8/25/08	Mon 8/25/08
784	COMS R/D	COMS REG 4/DISP 2: Create Manual Migration Control Request (MMCR) for Tibco Development	1 day	100%	Fri 9/12/08	Fri 9/12/08
785	COMS R/D	COMS REG 4/DISP 2: Review & Approve MMCR for Tibco Development	1 day	100%	Mon 9/15/08	Mon 9/15/08
786	COMS R/D	COMS REG 4/DISP 2: Manual Migration Control Request (MMCR) Complete	0 days	100%	Mon 9/15/08	Mon 9/15/08
787	COMS R/D	COMS REG 4/DISP 2: Development Complete	0 days	100%	Mon 9/15/08	Mon 9/15/08
788	**COMS R/D**	**COMS REG 4/DISP 2: TEST PLANNING**	**88 days**	**100%**	**Mon 6/2/08**	**Fri 10/3/08**
789	**COMS R/D**	**COMS REG 4/DISP 2: FAT & INTEGRATION TEST CASES**	**82 days**	**100%**	**Tue 6/10/08**	**Fri 10/3/08**
790	**COMS R/D**	**COMS REG 4/DISP 2: INTEGRATION (Registration to S&B) TEST CASES**	**77 days**	**100%**	**Tue 6/10/08**	**Fri 9/26/08**
791	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Case (INT-Common Services)	39 days	100%	Tue 6/10/08	Mon 8/4/08
792	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Cases (INT-SNB MP)	39 days	100%	Tue 6/10/08	Mon 8/4/08
793	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Cases (INT-SNB RES)	39 days	100%	Tue 6/10/08	Mon 8/4/08
794	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Cases (INT - TIBCO MP)	39 days	100%	Tue 6/10/08	Mon 8/4/08
795	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Cases (INT - TIBCO RES)	39 days	100%	Tue 6/10/08	Mon 8/4/08
796	COMS R/D	COMS REG 4/DISP 2: Business Review Integration Test Cases	38 days	100%	Tue 8/5/08	Fri 9/26/08
797	COMS R/D	COMS REG 4/DISP 2: Integration Test Cases Complete	0 days	100%	Fri 9/26/08	Fri 9/26/08



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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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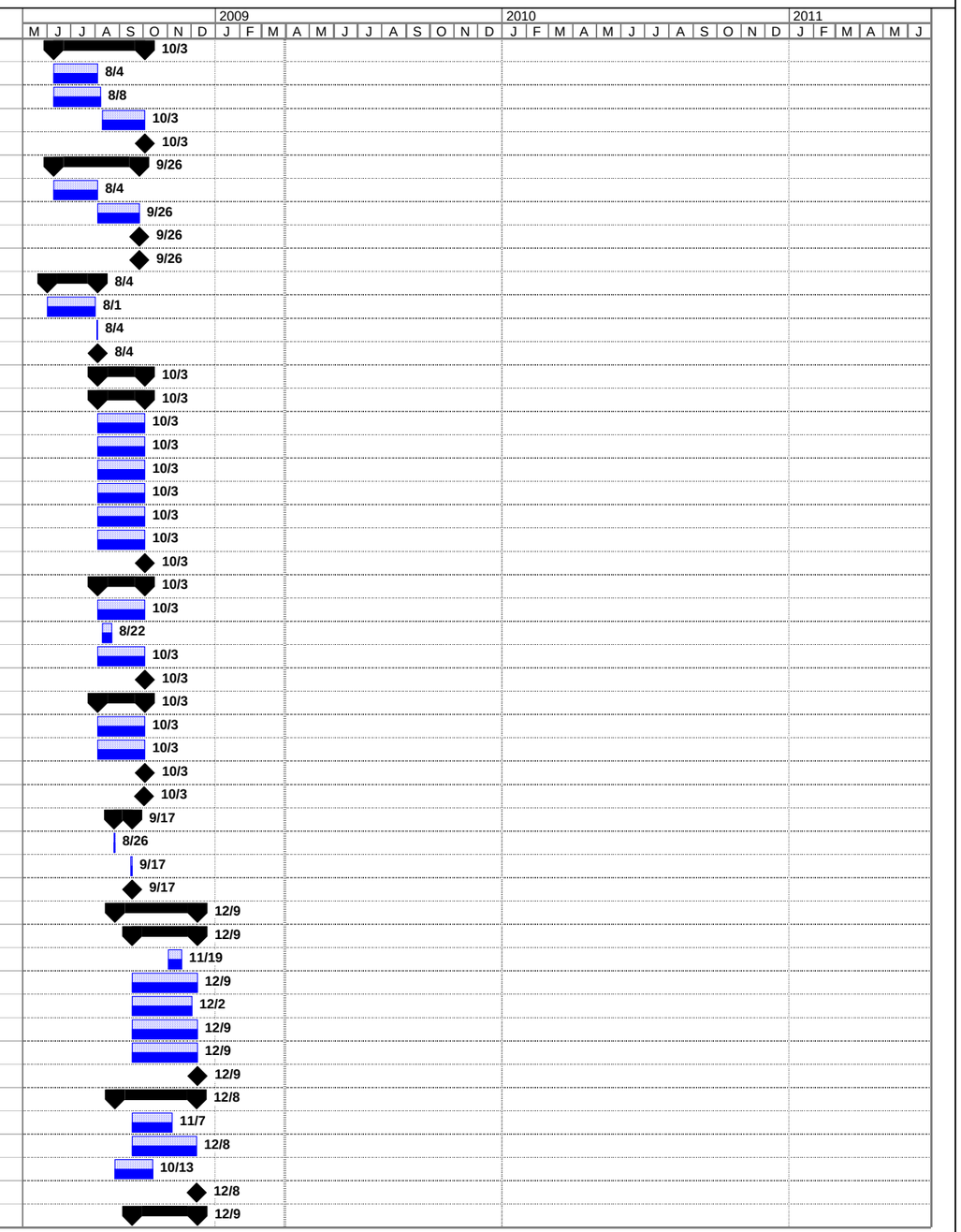
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
798	**COMS R/D**	**COMS REG 4/DISP 2: FAT (Registraiton & Disputes) TEST CASES**	**82 days**	**100%**	**Tue 6/10/08**	**Fri 10/3/08**
799	COMS R/D	COMS REG 4/DISP 2: Create FAT Test Cases	39 days	100%	Tue 6/10/08	Mon 8/4/08
800	COMS R/D	COMS REG 4/DISP 2: Create EIS Test Cases	43 days	100%	Tue 6/10/08	Fri 8/8/08
801	COMS R/D	COMS REG 4/DISP 2: Business Review FAT Test Cases	39 days	100%	Mon 8/11/08	Fri 10/3/08
802	COMS R/D	COMS REG 4/DISP 2: FAT Test Cases Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
803	**COMS R/D**	**COMS REG 4/DISP 2: REGRESSION (FAT & INTEGRATION) TEST CASES**	**77 days**	**100%**	**Tue 6/10/08**	**Fri 9/26/08**
804	COMS R/D	COMS REG 4/DISP 2: Create SBL Main Module Regression Test Cases	39 days	100%	Tue 6/10/08	Mon 8/4/08
805	COMS R/D	COMS REG 4/DISP 2: Business Review Regression Test Cases	38 days	100%	Tue 8/5/08	Fri 9/26/08
806	COMS R/D	COMS REG 4/DISP 2: Regression Test Cases Complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
807	COMS R/D	COMS REG 4/DISP 2: FAT & INTEGRATION TEST CASES Complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
808	**COMS R/D**	**COMS REG 4/DISP 2: TEST PLAN (FAT & INTEGRATION)**	**45 days**	**100%**	**Mon 6/2/08**	**Mon 8/4/08**
809	COMS R/D	COMS REG 4/DISP 2: Review & Update Test Plan	44 days	100%	Mon 6/2/08	Fri 8/1/08
810	COMS R/D	COMS REG 4/DISP 2: Submit Test Plan for Review & Approval	1 day	100%	Mon 8/4/08	Mon 8/4/08
811	COMS R/D	COMS REG 4/DISP 2: Test Plan Complete	0 days	100%	Mon 8/4/08	Mon 8/4/08
812	**COMS R/D**	**COMS REG 4/DISP 2: FAT & INTEGRATION TEST SCRIPT DEVELOPMENT**	**43 days**	**100%**	**Tue 8/5/08**	**Fri 10/3/08**
813	**COMS R/D**	**COMS REG 4/DISP 2: INTEGRATION (Registration to S&B)**	**43 days**	**100%**	**Tue 8/5/08**	**Fri 10/3/08**
814	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Scripts (INT-Common Services)	43 days	100%	Tue 8/5/08	Fri 10/3/08
815	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Scripts (INT-SNB MP)	43 days	100%	Tue 8/5/08	Fri 10/3/08
816	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Scripts (INT-SNB RES)	43 days	100%	Tue 8/5/08	Fri 10/3/08
817	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Scripts (INT - TIBCO MP)	43 days	100%	Tue 8/5/08	Fri 10/3/08
818	COMS R/D	COMS REG 4/DISP 2: Create Integration Test Scripts (INT - TIBCO RES)	43 days	100%	Tue 8/5/08	Fri 10/3/08
819	COMS R/D	COMS REG 4/DISP 2: Business Review Integration Test Scripts	43 days	100%	Tue 8/5/08	Fri 10/3/08
820	COMS R/D	COMS REG 4/DISP 2: Integration Test Scripts Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
821	**COMS R/D**	**COMS REG 4/DISP 2: FAT (Registraiton & Disputes) SCRIPTS**	**43 days**	**100%**	**Tue 8/5/08**	**Fri 10/3/08**
822	COMS R/D	COMS REG 4/DISP 2: Create FAT Test Scripts	43 days	100%	Tue 8/5/08	Fri 10/3/08
823	COMS R/D	COMS REG 4/DISP 2: Create EIS Test Scripts	10 days	100%	Mon 8/11/08	Fri 8/22/08
824	COMS R/D	COMS REG 4/DISP 2: Business Review FAT Test Scripts	43 days	100%	Tue 8/5/08	Fri 10/3/08
825	COMS R/D	COMS REG 4/DISP 2: FAT Test Scripts Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
826	**COMS R/D**	**COMS REG 4/DISP 2: REGRESSION (FAT & INTEGRATION) TEST SCRIPTS**	**43 days**	**100%**	**Tue 8/5/08**	**Fri 10/3/08**
827	COMS R/D	COMS REG 4/DISP 2: Create Main Module Regression Test Scripts	43 days	100%	Tue 8/5/08	Fri 10/3/08
828	COMS R/D	COMS REG 4/DISP 2: Business Review Regression Test Scripts	43 days	100%	Tue 8/5/08	Fri 10/3/08
829	COMS R/D	COMS REG 4/DISP 2: Regression Test Scripts Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
830	COMS R/D	COMS REG 4/DISP 2: Test Planning Complete	0 days	100%	Fri 10/3/08	Fri 10/3/08
831	**COMS R/D**	**COMS REG 4/DISP 2: ZONAL ITEST MIGRATION**	**16 days**	**100%**	**Tue 8/26/08**	**Wed 9/17/08**
832	COMS R/D	COMS REG 4/DISP 2: Perform Migration to ZONAL ITEST (Siebel)	1 day	100%	Tue 8/26/08	Tue 8/26/08
833	COMS R/D	COMS REG 4/DISP 2: Perform Migration to ZONAL ITEST (EIP/Common Services/L* DB Objects)	2 days	100%	Tue 9/16/08	Wed 9/17/08
834	COMS R/D	Deliver COMS REG 4/DISP 2: Migration to ZONAL ITEST	0 days	100%	Wed 9/17/08	Wed 9/17/08
836	**COMS R/D**	**COMS REG 4/DISP 2: TESTING**	**71 days**	**100%**	**Wed 8/27/08**	**Tue 12/9/08**
837	**COMS R/D**	**COMS REG 4/DISP 2: INTEGRATION TEST**	**56 days**	**100%**	**Thu 9/18/08**	**Tue 12/9/08**
838	COMS R/D	COMS REG 4/DISP 2: Execute Integration Tests for Int-Common Services	13 days	100%	Mon 11/3/08	Wed 11/19/08
839	COMS R/D	COMS REG 4/DISP 2: Execute Integration Tests for INT-SNB MP	56 days	100%	Thu 9/18/08	Tue 12/9/08
840	COMS R/D	COMS REG 4/DISP 2: Execute Integration Tests for INT-SNB RES	51 days	100%	Thu 9/18/08	Tue 12/2/08
841	COMS R/D	COMS REG 4/DISP 2: Execute Integration Tests for INT-TIBCO MP	56 days	100%	Thu 9/18/08	Tue 12/9/08
842	COMS R/D	COMS REG 4/DISP 2: Execute Integration Tests for INT-TIBCO RES	56 days	100%	Thu 9/18/08	Tue 12/9/08
843	COMS R/D	COMS REG 4/DISP 2: Integration Tests Complete	0 days	100%	Tue 12/9/08	Tue 12/9/08
844	**COMS R/D**	**COMS REG 4/DISP 2: FAT TEST**	**70 days**	**100%**	**Wed 8/27/08**	**Mon 12/8/08**
845	COMS R/D	COMS REG 4/DISP 2: FAT Testing eService	37 days	100%	Thu 9/18/08	Fri 11/7/08
846	COMS R/D	COMS REG 4/DISP 2: FAT Testing eEnergy	55 days	100%	Thu 9/18/08	Mon 12/8/08
847	COMS R/D	COMS REG 4/DISP 2: FAT Testing EIS Changes	33 days	100%	Wed 8/27/08	Mon 10/13/08
848	COMS R/D	COMS REG 4/DISP 2: FAT Testing Complete	0 days	100%	Mon 12/8/08	Mon 12/8/08
849	**COMS R/D**	**COMS REG 4/DISP 2: REGRESSION TEST**	**56 days**	**100%**	**Thu 9/18/08**	**Tue 12/9/08**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
850	COMS R/D	COMS REG 4/DISP 2: Regression Test main Module	56 days	100%	Thu 9/18/08	Tue 12/9/08
851	COMS R/D	COMS REG 4/DISP 2: Regression Test Complete	0 days	100%	Tue 12/9/08	Tue 12/9/08
852	COMS R/D	COMS REG 4/DISP 2: Testing Complete	0 days	100%	Tue 12/9/08	Tue 12/9/08
853	**COMS R/D**	**COMS REG 4/DISP 2: APPLICATION DEFECT RESOLUTION**	**53 days**	**100%**	**Thu 9/18/08**	**Thu 12/4/08**
854	COMS R/D	COMS REG 4/DISP 2: Analyze & Develop defect solutions	53 days	100%	Thu 9/18/08	Thu 12/4/08
855	COMS R/D	COMS REG 4/DISP 2: Migrate defect resolutions Weekly	53 days	100%	Thu 9/18/08	Thu 12/4/08
856	COMS R/D	COMS REG 4/DISP 2: Defect Migrations Complete	0 days	100%	Thu 12/4/08	Thu 12/4/08
857	**COMS R/D**	**COMS REG 4/DISP 2: "AS-BUILT" SOFTWARE ARCHITECTURE**	**49 days**	**100%**	**Thu 9/18/08**	**Tue 11/25/08**
858	COMS R/D	COMS REG 4/DISP 2: Update As Built Software Architecutre Document	49 days	100%	Thu 9/18/08	Tue 11/25/08
859	COMS R/D	COMS REG 4/DISP 2: As Built Software Architecture Document Updates Complete	0 days	100%	Tue 11/25/08	Tue 11/25/08
860	**COMS R/D**	**COMS REG 4/DISP 2: OPERATIONAL & BUSINESS DOCUMENTATION**	**70 days**	**100%**	**Tue 9/2/08**	**Thu 12/11/08**
861	COMS R/D	COMS REG 4/DISP 2: Create Operational & Business Support Document	70 days	100%	Tue 9/2/08	Thu 12/11/08
862	COMS R/D	COMS REG 4/DISP 2: NPRR078 Documents Updated (Req/CSD as needed)	0 days	100%	Thu 12/11/08	Thu 12/11/08
863	COMS R/D	COMS REG 4/DISP 2: Operational & Business Support Document Complete	0 days	100%	Thu 12/11/08	Thu 12/11/08
864	**COMS R/D**	**COMS REG 4/DISP 2: PRODUCTION MIGRATION PLANNING**	**3 days**	**100%**	**Mon 12/8/08**	**Wed 12/10/08**
865	COMS R/D	COMS REG 4/DISP 2: Create Production Migration Plan	3 days	100%	Mon 12/8/08	Wed 12/10/08
866	COMS R/D	COMS REG 4/DISP 2: Production Migration Plan Complete	0 days	100%	Wed 12/10/08	Wed 12/10/08
867	**COMS R/D**	**COMS REG 4/DISP 2: IMPLEMENTATION TO PRODUCTION**	**8 days**	**100%**	**Thu 12/4/08**	**Mon 12/15/08**
868	**COMS R/D**	**COMS REG 4/DISP 2: PRE-PRODUCTION RELEASE COORDINATION**	**5 days**	**100%**	**Thu 12/4/08**	**Wed 12/10/08**
869	COMS R/D	COMS REG 4/DISP 2: Meeting Production Migration Plan Review	2 days	100%	Tue 12/9/08	Wed 12/10/08
870	COMS R/D	COMS REG 4/DISP 2: Create Market Notification	1 day	100%	Thu 12/4/08	Thu 12/4/08
871	COMS R/D	COMS REG 4/DISP 2: Pre-Production Release Coordination activities complete	0 days	100%	Wed 12/10/08	Wed 12/10/08
872	**COMS R/D**	**COMS REG 4/DISP 2: PRODUCTION MIGRATION**	**8 days**	**100%**	**Thu 12/4/08**	**Mon 12/15/08**
873	COMS R/D	COMS REG 4/DISP 2: Create Change Request	1 day	100%	Thu 12/4/08	Thu 12/4/08
874	COMS R/D	COMS REG 4/DISP 2: Submit Change Request to CCM Coordinator	1 day	100%	Thu 12/4/08	Thu 12/4/08
875	COMS R/D	COMS REG 4/DISP 2: Change Request Approved	0 days	100%	Wed 12/10/08	Wed 12/10/08
876	COMS R/D	COMS REG 4/DISP 2: Perform Production Migration	1 day	100%	Sat 12/13/08	Sat 12/13/08
877	COMS R/D	COMS REG 4/DISP 2: Perform Production Verification	1 day	100%	Sat 12/13/08	Sun 12/14/08
878	COMS R/D	COMS REG 4/DISP 2: Perform Systems Stabilization	1 day	100%	Mon 12/15/08	Mon 12/15/08
879	COMS R/D	COMS REG 4/DISP 2: Migration Complete: Go Live	0 days	100%	Sun 12/14/08	Sun 12/14/08
880	COMS R/D	COMS REG 4/DISP 2: Production "Zonal" & Stabilization Complete	0 days	100%	Mon 12/15/08	Mon 12/15/08
881	**COMS R/D**	**COMS REG Phase 5 / Disputes Phase 3 (Refactoring)**	**105 days**	**100%**	**Wed 9/17/08**	**Fri 2/27/09**
882	**COMS R/D**	**COMS REG 5/DISP 3: PLANNING**	**81 days**	**100%**	**Wed 9/17/08**	**Mon 1/26/09**
883	**COMS R/D**	**COMS REG 5/DISP 3: PLANNING PHASE**	**81 days**	**100%**	**Wed 9/17/08**	**Mon 1/26/09**
884	**COMS R/D**	**COMS REG 5/DISP 3: REFACTORING REQUIREMENTS UPDATES (FOR INTEGRATION WITH SYNCH**	**77 days**	**100%**	**Wed 9/17/08**	**Tue 1/20/09**
885	COMS R/D	COMS REG 5/DISP 3: Define Siebel Refactoring Changes for MMS Integration	75 days	100%	Wed 9/17/08	Fri 1/16/09
886	COMS R/D	COMS REG 5/DISP 3: Define Siebel Refactoring Changes for MPIM Role Configuraiton	32 days	100%	Mon 11/17/08	Fri 1/16/09
887	COMS R/D	COMS REG 5/DISP 3: Define Other Siebel Refactoring Changes for Integration-FINAL delivery phase	42 days	100%	Mon 11/3/08	Fri 1/16/09
888	COMS R/D	COMS REG 5/DISP 3: Define Siebel Refactoring Changes to Push Contacts to MPIM from Siebel (no r	42 days	100%	Mon 11/3/08	Fri 1/16/09
889	COMS R/D	COMS REG 5/DISP 3: Define Additional Refactoring Change needs for Integration with Synch Systens	42 days	100%	Mon 11/3/08	Fri 1/16/09
890	COMS R/D	COMS REG 5/DISP 3: Submit Refactoring Business Requirements Document for Approval	2 days	100%	Mon 1/19/09	Tue 1/20/09
891	COMS R/D	COMS REG 5/DISP 3: Refactoring Business Requirements Complete	0 days	100%	Tue 1/20/09	Tue 1/20/09
892	**COMS R/D**	**COMS REG 5/DISP 3: DETAILED DESIGN / SOFTWARE ARCHITECTURE**	**15 days**	**100%**	**Mon 1/5/09**	**Fri 1/23/09**
893	COMS R/D	COMS REG 5/DISP 3: Create & Update Detail Design / Software Architecture Document	14 days	100%	Mon 1/5/09	Thu 1/22/09
894	COMS R/D	COMS REG 5/DISP 3: Submit Detail Design / Software Architecture Document for approval	1 day	100%	Fri 1/23/09	Fri 1/23/09
895	COMS R/D	COMS REG/DISPDetail Design / Software Architecture Document Complete	0 days	100%	Fri 1/23/09	Fri 1/23/09
896	**COMS R/D**	**COMS REG 5/DISP 3: TEST PLAN**	**4 days**	**100%**	**Wed 1/21/09**	**Mon 1/26/09**
897	COMS R/D	COMS REG 5/DISP 3: Create & Update Test Plan	3 days	100%	Wed 1/21/09	Fri 1/23/09
898	COMS R/D	COMS REG 5/DISP 3: Review & Approve Test Plan	1 day	100%	Mon 1/26/09	Mon 1/26/09
899	COMS R/D	COMS REG 5/DISP 3: Test Plan Complete	0 days	100%	Mon 1/26/09	Mon 1/26/09
900	**COMS R/D**	**COMS REG 5/DISP 3: EXECUTION**	**40 days**	**100%**	**Mon 1/5/09**	**Fri 2/27/09**

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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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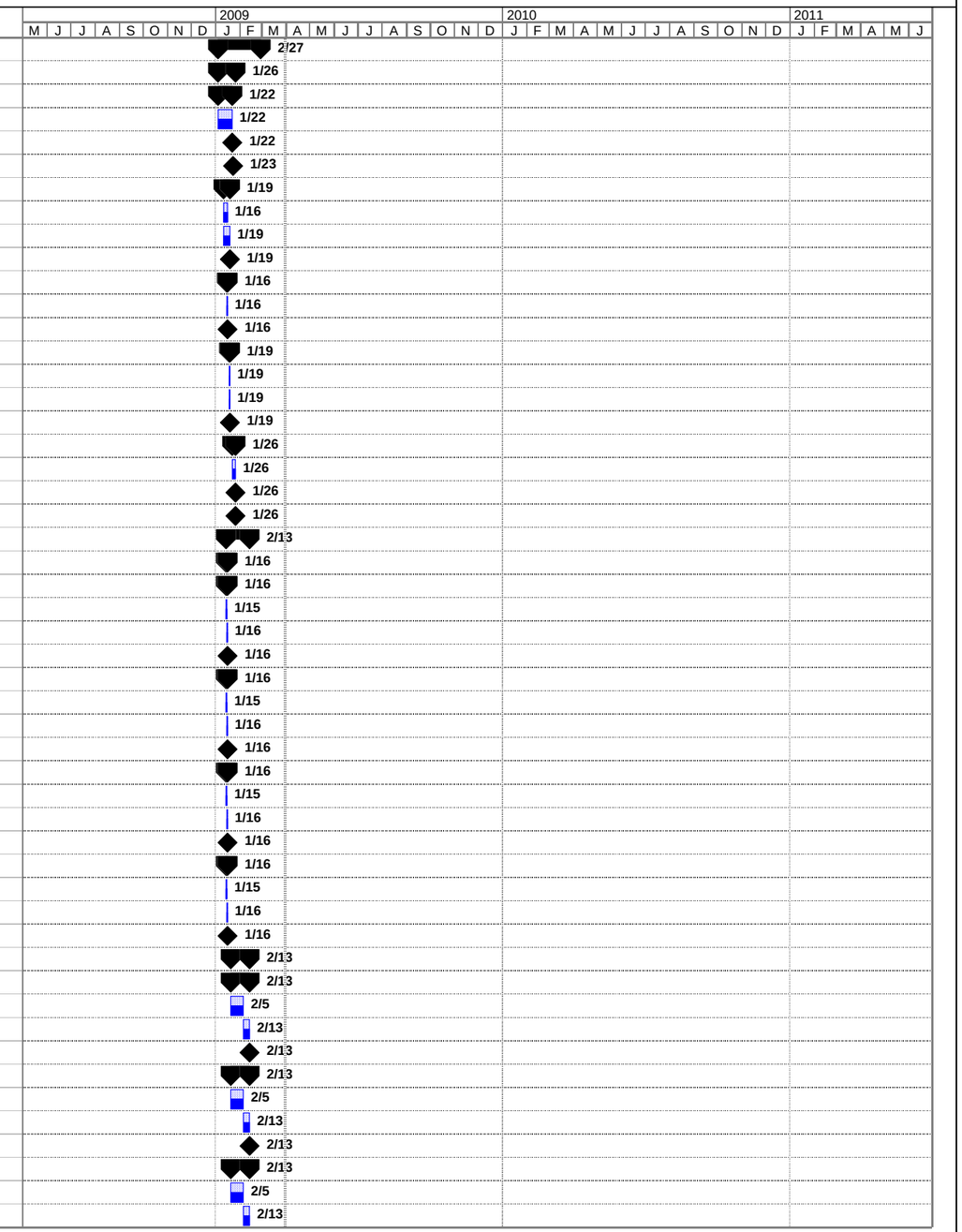
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
901	**COMS R/D**	**COMS REG 5/DISP 3: EXECUTION & CONTROL PHASE**	**40 days**	**100%**	**Mon 1/5/09**	**Fri 2/27/09**
902	**COMS R/D**	**COMS REG 5/DISP 3: DEVELOPMENT**	**16 days**	**100%**	**Mon 1/5/09**	**Mon 1/26/09**
903	**COMS R/D**	**COMS REG 5/DISP 3: DEVELOPMENT CODING**	**14 days**	**100%**	**Mon 1/5/09**	**Thu 1/22/09**
904	COMS R/D	COMS REG 5/DISP 3: Code & Configure System Changes (Siebel)	14 days	100%	Mon 1/5/09	Thu 1/22/09
905	COMS R/D	COMS REG 5/DISP 3: Siebel Development Coding Complete	0 days	100%	Thu 1/22/09	Thu 1/22/09
906	COMS R/D	Receive REG5/DISP3 Changes from REG	0 days	100%	Fri 1/23/09	Fri 1/23/09
907	**COMS R/D**	**COMS REG 5/DISP 3: DEVELOPMENT UNIT TESTING COMPLETE**	**6 days**	**100%**	**Mon 1/12/09**	**Mon 1/19/09**
908	COMS R/D	COMS REG 5/DISP 3: Create Unit Test Scripts	5 days	100%	Mon 1/12/09	Fri 1/16/09
909	COMS R/D	COMS REG 5/DISP 3: Execute unit Test Scripts	6 days	100%	Mon 1/12/09	Mon 1/19/09
910	COMS R/D	COMS REG 5/DISP 3: Development Unit Testing Complete	0 days	100%	Mon 1/19/09	Mon 1/19/09
911	**COMS R/D**	**COMS REG 5/DISP 3: APPLICATION CODE Zonal Nodal RESYNCH IN DEVELOPMENT FOR DEL**	**1 day**	**100%**	**Fri 1/16/09**	**Fri 1/16/09**
912	COMS R/D	COMS REG 5/DISP 3: Resynch Nodal development & Zonal build environment code for delivery	1 day	100%	Fri 1/16/09	Fri 1/16/09
913	COMS R/D	COMS REG 5/DISP 3: Application Code Resynch development complete	0 days	100%	Fri 1/16/09	Fri 1/16/09
914	**COMS R/D**	**COMS REG 5/DISP 3: PRODUCT TESTING APPLICATION**	**1 day**	**100%**	**Mon 1/19/09**	**Mon 1/19/09**
915	COMS R/D	COMS REG 5/DISP 3: Create Product Testing Scripts	1 day	100%	Mon 1/19/09	Mon 1/19/09
916	COMS R/D	COMS REG 5/DISP 3: Execute Product Test Scripts	1 day	100%	Mon 1/19/09	Mon 1/19/09
917	COMS R/D	COMS REG 5/DISP 3: Product Test Application complete	0 days	100%	Mon 1/19/09	Mon 1/19/09
918	**COMS R/D**	**COMS REG 5/DISP 3: MIGRATION CONTROL DOCUMENT(S)**	**2 days**	**100%**	**Fri 1/23/09**	**Mon 1/26/09**
919	COMS R/D	COMS REG 5/DISP 3: Create Manual Migration Control Request (MMCR)	2 days	100%	Fri 1/23/09	Mon 1/26/09
920	COMS R/D	COMS REG 5/DISP 3: Manual Migration Control Request (MMCR) Complete	0 days	100%	Mon 1/26/09	Mon 1/26/09
921	COMS R/D	COMS REG 5/DISP 3: Development Complete	0 days	100%	Mon 1/26/09	Mon 1/26/09
922	**COMS R/D**	**COMS REG 5/DISP 3: TEST PLANNING**	**22 days**	**100%**	**Thu 1/15/09**	**Fri 2/13/09**
923	**COMS R/D**	**COMS REG 5/DISP 3: REFACTORING FAT & INTEGRATION TEST CASES**	**2 days**	**100%**	**Thu 1/15/09**	**Fri 1/16/09**
924	**COMS R/D**	**COMS REG 5/DISP 3: REFACTORING INTEGRATION (Registration to Synch Systems) TEST**	**2 days**	**100%**	**Thu 1/15/09**	**Fri 1/16/09**
925	COMS R/D	COMS REG 5/DISP 3: Create Integration Test Cases	1 day	100%	Thu 1/15/09	Thu 1/15/09
926	COMS R/D	COMS REG 5/DISP 3: Business Review Integration Test Cases	1 day	100%	Fri 1/16/09	Fri 1/16/09
927	COMS R/D	COMS REG 5/DISP 3: Integration Test Cases Complete	0 days	100%	Fri 1/16/09	Fri 1/16/09
928	**COMS R/D**	**COMS REG 5/DISP 3: REFACTORING FAT TEST CASES**	**2 days**	**100%**	**Thu 1/15/09**	**Fri 1/16/09**
929	COMS R/D	COMS REG 5/DISP 3: Create FAT Test Cases	1 day	100%	Thu 1/15/09	Thu 1/15/09
930	COMS R/D	COMS REG 5/DISP 3: Business Review FAT Test Cases	1 day	100%	Fri 1/16/09	Fri 1/16/09
931	COMS R/D	COMS REG 5/DISP 3: FAT Test Cases Complete	0 days	100%	Fri 1/16/09	Fri 1/16/09
932	**COMS R/D**	**COMS REG 5/DISP 3: REFACTORING REGRESSION (FAT & INTEGRATION) TEST CASES**	**2 days**	**100%**	**Thu 1/15/09**	**Fri 1/16/09**
933	COMS R/D	COMS REG 5/DISP 3: Create Main Module Regression Test Cases	1 day	100%	Thu 1/15/09	Thu 1/15/09
934	COMS R/D	COMS REG 5/DISP 3: Business Review Regression Test Cases	1 day	100%	Fri 1/16/09	Fri 1/16/09
935	COMS R/D	COMS REG 5/DISP 3: Regression Test Cases Complete	0 days	100%	Fri 1/16/09	Fri 1/16/09
936	**COMS R/D**	**COMS REG 5/DISP 3: TEST PLAN (FAT & INTEGRATION)**	**2 days**	**100%**	**Thu 1/15/09**	**Fri 1/16/09**
937	COMS R/D	COMS REG 5/DISP 3: Update FAT & INTEGRATION Test Plan	1 day	100%	Thu 1/15/09	Thu 1/15/09
938	COMS R/D	COMS REG 5/DISP 3: Submit Test Plan for Review & Approval	1 day	100%	Fri 1/16/09	Fri 1/16/09
939	COMS R/D	COMS REG 5/DISP 3: Test Plan Complete	0 days	100%	Fri 1/16/09	Fri 1/16/09
940	**COMS R/D**	**COMS REG 5/DISP 3: FAT & INTEGRATION TEST SCRIPT DEVELOPMENT**	**18 days**	**100%**	**Wed 1/21/09**	**Fri 2/13/09**
941	**COMS R/D**	**COMS REG 5/DISP 3: INTEGRATION (Registration to xxx)**	**18 days**	**100%**	**Wed 1/21/09**	**Fri 2/13/09**
942	COMS R/D	COMS REG 5/DISP 3: Create Integration Test Scripts	12 days	100%	Wed 1/21/09	Thu 2/5/09
943	COMS R/D	COMS REG 5/DISP 3: Business Review Integration Test Scripts	6 days	100%	Fri 2/6/09	Fri 2/13/09
944	COMS R/D	COMS REG 5/DISP 3: Integration Test Scripts Complete	0 days	100%	Fri 2/13/09	Fri 2/13/09
945	**COMS R/D**	**COMS REG 5/DISP 3: FAT SCRIPTS**	**18 days**	**100%**	**Wed 1/21/09**	**Fri 2/13/09**
946	COMS R/D	COMS REG 5/DISP 3: Create FAT Test Scripts	12 days	100%	Wed 1/21/09	Thu 2/5/09
947	COMS R/D	COMS REG 5/DISP 3: Business Review FAT Test Scripts	6 days	100%	Fri 2/6/09	Fri 2/13/09
948	COMS R/D	COMS REG 5/DISP 3: FAT Test Scripts Complete	0 days	100%	Fri 2/13/09	Fri 2/13/09
949	**COMS R/D**	**COMS REG 5/DISP 3: REGRESSION (FAT & INTEGRATION) TEST SCRIPTS**	**18 days**	**100%**	**Wed 1/21/09**	**Fri 2/13/09**
950	COMS R/D	COMS REG 5/DISP 3: Create SBL Main Module Regression Test Scripts	12 days	100%	Wed 1/21/09	Thu 2/5/09
951	COMS R/D	COMS REG 5/DISP 3: Business Review Regression Test Scripts	6 days	100%	Fri 2/6/09	Fri 2/13/09



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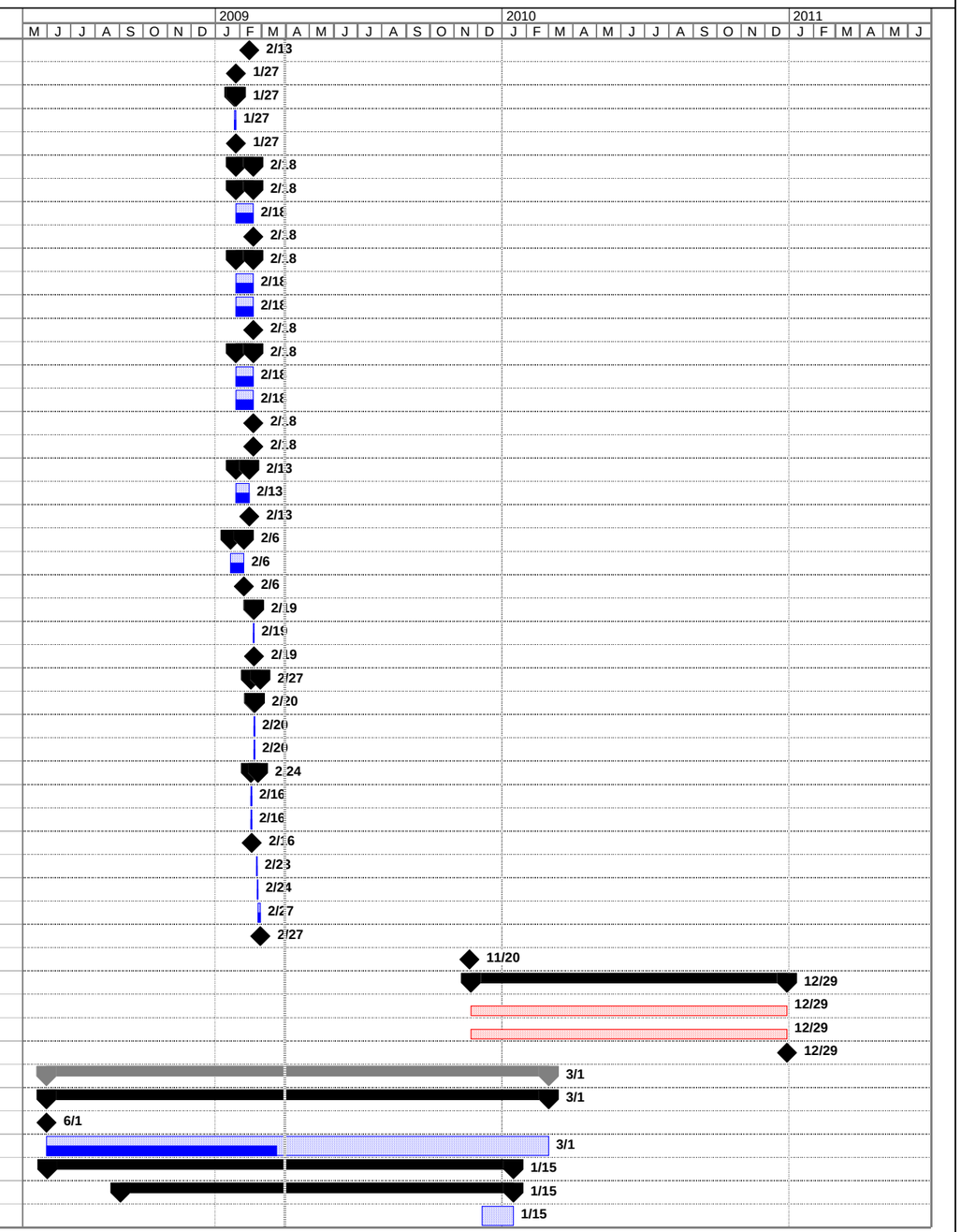
Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
952	COMS R/D	COMS REG 5/DISP 3: Regression Test Scripts Complete	0 days	100%	Fri 2/13/09	Fri 2/13/09
953	COMS R/D	COMS REG 5/DISP 3: Test Planning Complete	0 days	100%	Tue 1/27/09	Tue 1/27/09
954	**COMS R/D**	**COMS REG 5/DISP 3: MIGRATION**	**2 days**	**100%**	**Mon 1/26/09**	**Tue 1/27/09**
955	COMS R/D	COMS REG 5/DISP 3: Perform Migration to ZONAL ITEST	2 days	100%	Mon 1/26/09	Tue 1/27/09
956	COMS R/D	COMS REG 5/DISP 3: Migration to ZONAL ITEST Complete	0 days	100%	Tue 1/27/09	Tue 1/27/09
957	**COMS R/D**	**COMS REG 5/DISP 3: TESTING**	**16 days**	**100%**	**Wed 1/28/09**	**Wed 2/18/09**
958	**COMS R/D**	**COMS REG 5/DISP 3: INTEGRATION TEST**	**16 days**	**100%**	**Wed 1/28/09**	**Wed 2/18/09**
959	COMS R/D	COMS REG 5/DISP 3: Execute Integration Tests	16 days	100%	Wed 1/28/09	Wed 2/18/09
960	COMS R/D	COMS REG 5/DISP 3: Integration Tests Complete	0 days	100%	Wed 2/18/09	Wed 2/18/09
961	**COMS R/D**	**COMS REG 5/DISP 3: FAT TEST**	**16 days**	**100%**	**Wed 1/28/09**	**Wed 2/18/09**
962	COMS R/D	COMS REG 5/DISP 3: FAT Testing eService	16 days	100%	Wed 1/28/09	Wed 2/18/09
963	COMS R/D	COMS REG 5/DISP 3: FAT Testing eEnergy	16 days	100%	Wed 1/28/09	Wed 2/18/09
964	COMS R/D	COMS REG 5/DISP 3: FAT Testing Complete	0 days	100%	Wed 2/18/09	Wed 2/18/09
965	**COMS R/D**	**COMS REG 5/DISP 3: REGRESSION TEST**	**16 days**	**100%**	**Wed 1/28/09**	**Wed 2/18/09**
966	COMS R/D	COMS REG 5/DISP 3: Regression Test main Module	16 days	100%	Wed 1/28/09	Wed 2/18/09
967	COMS R/D	COMS REG 5/DISP 3: Regression Test Integration	16 days	100%	Wed 1/28/09	Wed 2/18/09
968	COMS R/D	COMS REG 5/DISP 3: Regression Test Complete	0 days	100%	Wed 2/18/09	Wed 2/18/09
969	COMS R/D	COMS REG 5/DISP 3: Testing Complete	0 days	100%	Wed 2/18/09	Wed 2/18/09
970	**COMS R/D**	**COMS REG 5/DISP 3: "AS-BUILT" SOFTWARE ARCHITECTURE UPDATES**	**13 days**	**100%**	**Wed 1/28/09**	**Fri 2/13/09**
971	COMS R/D	COMS REG 5/DISP 3: Create SDLC As Built Technical Architecutre Requirements	13 days	100%	Wed 1/28/09	Fri 2/13/09
972	COMS R/D	COMS REG 5/DISP 3: SDLC As Built Technical Architecture Requirements Complete	0 days	100%	Fri 2/13/09	Fri 2/13/09
973	**COMS R/D**	**COMS REG 5/DISP 3: OPERATIONAL DOCUMENTATION**	**13 days**	**100%**	**Wed 1/21/09**	**Fri 2/6/09**
974	COMS R/D	COMS REG 5/DISP 3: Create Operational & Business Support Document	13 days	100%	Wed 1/21/09	Fri 2/6/09
975	COMS R/D	COMS REG 5/DISP 3: Operational & Business Support Document Complete	0 days	100%	Fri 2/6/09	Fri 2/6/09
976	**COMS R/D**	**COMS REG 5/DISP 3: PRODUCTION MIGRATION PLANNING**	**1 day**	**100%**	**Thu 2/19/09**	**Thu 2/19/09**
977	COMS R/D	COMS REG 5/DISP 3: Create Production Migration Plan	1 day	100%	Thu 2/19/09	Thu 2/19/09
978	COMS R/D	COMS REG 5/DISP 3: Production Migration Plan Complete	0 days	100%	Thu 2/19/09	Thu 2/19/09
979	**COMS R/D**	**COMS REG 5/DISP 3: IMPLEMENTATION TO PRODUCTION**	**10 days**	**100%**	**Mon 2/16/09**	**Fri 2/27/09**
980	**COMS R/D**	**COMS REG 5/DISP 3: PRODUCTION RELEASE COORDINATION**	**1 day**	**100%**	**Fri 2/20/09**	**Fri 2/20/09**
981	COMS R/D	COMS REG 5/DISP 3: Meeting Production Migration Plan Review	1 day	100%	Fri 2/20/09	Fri 2/20/09
982	COMS R/D	COMS REG 5/DISP 3: Create Market Notification	1 day	100%	Fri 2/20/09	Fri 2/20/09
983	**COMS R/D**	**COMS REG 5/DISP 3: MIGRATION**	**7 days**	**100%**	**Mon 2/16/09**	**Tue 2/24/09**
984	COMS R/D	COMS REG 5/DISP 3: Create Change Request	1 day	100%	Mon 2/16/09	Mon 2/16/09
985	COMS R/D	COMS REG 5/DISP 3: Submit Change Request to CCM Coordinator	1 day	100%	Mon 2/16/09	Mon 2/16/09
986	COMS R/D	COMS REG 5/DISP 3: Change Request Approved	0 days	100%	Mon 2/16/09	Mon 2/16/09
987	COMS R/D	COMS REG 5/DISP 3: Perform Production Migration	1 day	100%	Mon 2/23/09	Mon 2/23/09
988	COMS R/D	COMS REG 5/DISP 3: Perform Production Verification	1 day	100%	Tue 2/24/09	Tue 2/24/09
989	COMS R/D	COMS REG 5/DISP 3: Perform Systems Stabilization	3 days	100%	Wed 2/25/09	Fri 2/27/09
990	COMS R/D	COMS REG 5/DISP 3: IMPLEMENTATION TO PRODUCTION COMPLETE	0 days	100%	Fri 2/27/09	Fri 2/27/09
992	COMS R/D	COMS Registration / Disputes Projects Complete	0 days	0%	Fri 11/20/09	Fri 11/20/09
993	**COMS**	**Core Project Supprt for Test & EDS**	**272 days**	**0%**	**Mon 11/23/09**	**Wed 12/29/10**
994	COMS	PM Transition & Support Activities	272 days	0%	Mon 11/23/09	Wed 12/29/10
995	COMS	Development Transition & Support Activities	272 days	0%	Mon 11/23/09	Wed 12/29/10
996	COMS	COMS Project End	0 days	0%	Wed 12/29/10	Wed 12/29/10
11	**Nodal IPS**	**EIP - Enterprise Integration Project**	**426 days?**	**57%**	**Sun 6/1/08**	**Mon 3/1/10**
1	**EIP**	**Nodal EIP Project Schedule**	**426 days?**	**57%**	**Sun 6/1/08**	**Mon 3/1/10**
2	EIP	EIP Project Started	0 days	100%	Sun 6/1/08	Sun 6/1/08
3	EIP	EIP.Project Management	426 days	46%	Sun 6/1/08	Mon 3/1/10
4	**EIP**	**External Web Services (EWS)**	**394 days**	**63%**	**Mon 6/2/08**	**Fri 1/15/10**
5	**EIP**	**External Interface Specifications Documentation**	**329 days**	**39%**	**Wed 9/3/08**	**Fri 1/15/10**
6	EIP	EIP.ExtDoc.Monitoring Guide	20 days	0%	Mon 12/7/09	Fri 1/15/10



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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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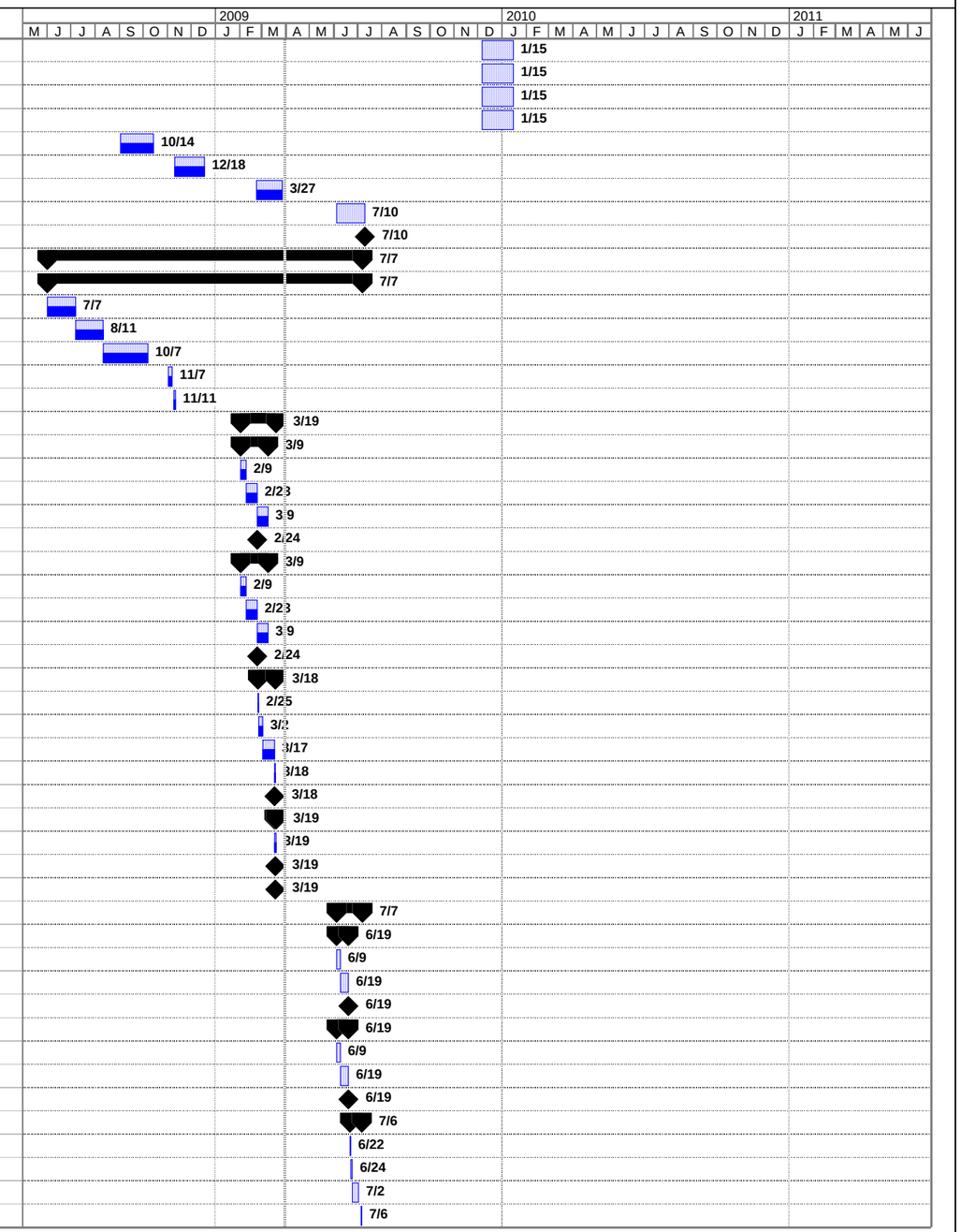
Nodal IPS

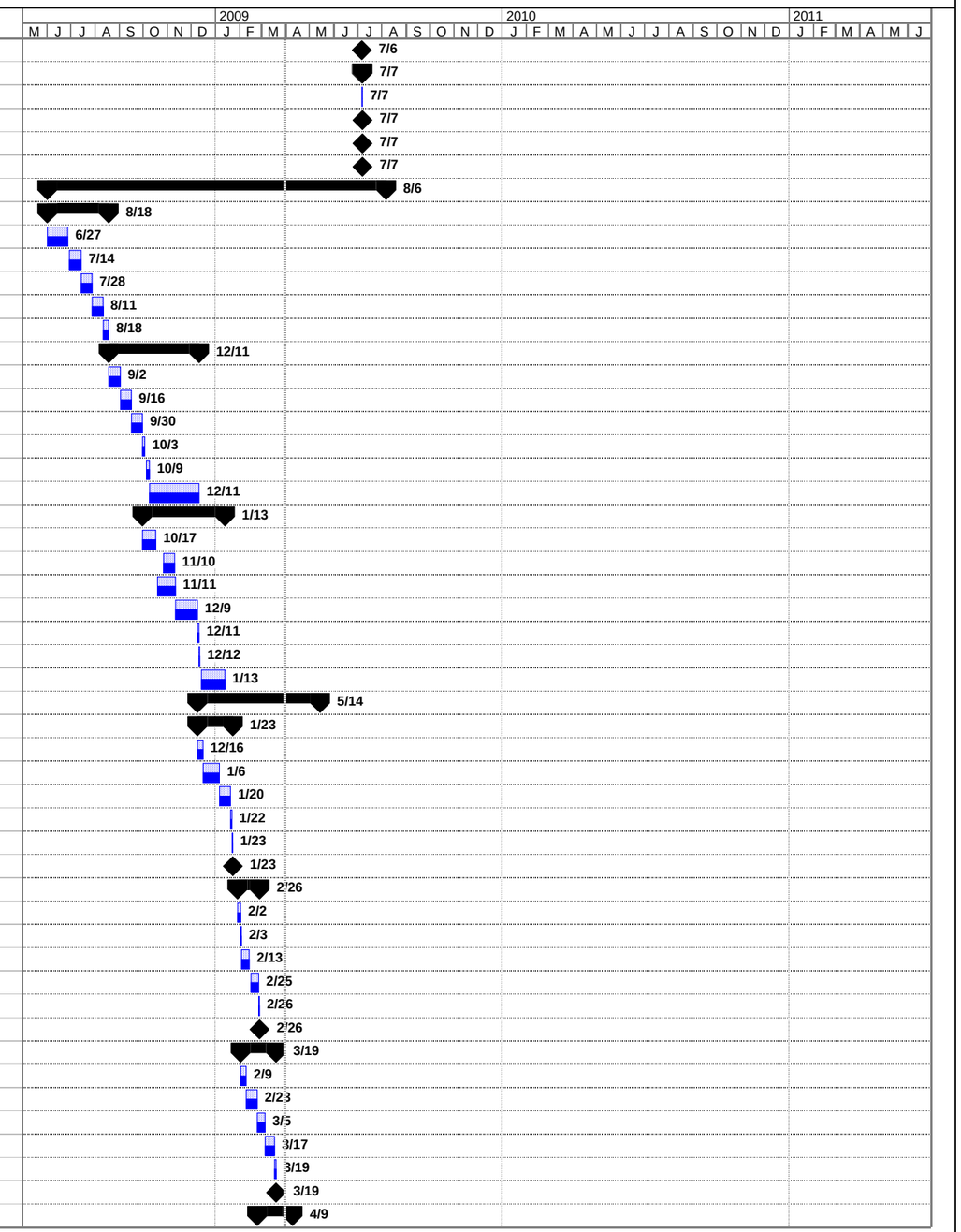
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
7	EIP	EIP.ExtDoc.Integration 101	20 days	0%	Mon 12/7/09	Fri 1/15/10
8	EIP	EIP.ExtDoc.Operations Guide	20 days	0%	Mon 12/7/09	Fri 1/15/10
9	EIP	EIP.ExtDoc.Developer Guide	20 days	0%	Mon 12/7/09	Fri 1/15/10
10	EIP	EIP.ExtDoc.External Developer Guide	20 days	0%	Mon 12/7/09	Fri 1/15/10
11	EIP	EIP.ExtDoc.EIS v 1.16 Approval	30 days	100%	Wed 9/3/08	Tue 10/14/08
12	EIP	EIP.ExtDoc.EIS v 1.17 Approval	25 days	100%	Tue 11/11/08	Thu 12/18/08
14	EIP	EIP.ExtDoc.EIS v1.18 Approval	25 days	100%	Mon 2/23/09	Fri 3/27/09
16	EIP	EIP.ExtDoc.EIS v1.19 Approval	25 days	0%	Fri 6/5/09	Fri 7/10/09
18	EIP	External Interface Specifications Documentation Completed	0 days	0%	Fri 7/10/09	Fri 7/10/09
19	**EIP**	**Loopback Services Deliveries (tied to EWS major REVs)**	**270 days**	**83%**	**Mon 6/2/08**	**Tue 7/7/09**
20	**EIP**	**Loopback Adapter**	**270 days**	**83%**	**Mon 6/2/08**	**Tue 7/7/09**
21	EIP	EIP.Loopback.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
22	EIP	EIP.Loopback.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
23	EIP	EIP.Loopback.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
24	EIP	EIP.Loopback.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
25	EIP	EIP.Loopback.Resource.Package & deploy to Sandbox	2 days	100%	Mon 11/10/08	Tue 11/11/08
26	**EIP**	**Loopback EWS 1.18 (MMS4 P7 / OS 2.1.3 / REG 4)**	**33 days**	**100%**	**Tue 2/3/09**	**Thu 3/19/09**
27	**EIP**	**Loopback MMS Simulator 1.18 Development**	**25 days**	**100%**	**Tue 2/3/09**	**Mon 3/9/09**
28	EIP	Loopback MMS Simulator 1.18 Analysis	5 days	100%	Tue 2/3/09	Mon 2/9/09
29	EIP	Loopback MMS Simulator 1.18 Design	10 days	100%	Tue 2/10/09	Mon 2/23/09
30	EIP	Loopback MMS Simulator 1.18 Construction & UT	10 days	100%	Tue 2/24/09	Mon 3/9/09
31	EIP	Loopback MMS Simulator 1.18 Development Completed	0 days	100%	Tue 2/24/09	Tue 2/24/09
32	**EIP**	**Loopback WSRB 1.18 Development**	**25 days**	**100%**	**Tue 2/3/09**	**Mon 3/9/09**
33	EIP	Loopback WSRB 1.18 Analysis	5 days	100%	Tue 2/3/09	Mon 2/9/09
34	EIP	Loopback WSRB 1.18 Design	10 days	100%	Tue 2/10/09	Mon 2/23/09
35	EIP	Loopback WSRB 1.18 Construction & UT	10 days	100%	Tue 2/24/09	Mon 3/9/09
36	EIP	Loopback WSRB 1.18 Development Complete	0 days	100%	Tue 2/24/09	Tue 2/24/09
37	**EIP**	**EIP.WS1.18 Loopback.QA Testing & Deployment**	**16 days**	**100%**	**Wed 2/25/09**	**Wed 3/18/09**
38	EIP	EIP.WS1.18 Loopback.Enhancement.Complete MCD	1 day	100%	Wed 2/25/09	Wed 2/25/09
39	EIP	EIP.WS1.18 Loopback.Enhancement.Deploy Bundles to DEV02	3 days	100%	Thu 2/26/09	Mon 3/2/09
40	EIP	EIP.WS1.18 Loopback.Enhancement.QA Testing in DEV02	11 days	100%	Tue 3/3/09	Tue 3/17/09
41	EIP	EIP.WS1.18 Loopback.Enhancement.Submit the MCR to Release Management	1 day	100%	Wed 3/18/09	Wed 3/18/09
42	EIP	EIP.WS1.18 Loopback.QA Testing & Deployment Completed	0 days	100%	Wed 3/18/09	Wed 3/18/09
43	**EIP**	**EIP.WS1.18 Loopback.Sandbox Migration**	**2 days**	**100%**	**Wed 3/18/09**	**Thu 3/19/09**
44	EIP	EIP.WS1.18 Loopback.Code Migration to Sandbox	2 days	100%	Wed 3/18/09	Thu 3/19/09
45	EIP	EIP.WS1.18 Loopback.Sandbox Migration Completed	0 days	100%	Thu 3/19/09	Thu 3/19/09
47	EIP	Loopback EWS 1.18 Completed	0 days	100%	Thu 3/19/09	Thu 3/19/09
48	**EIP**	**Loopback EWS 1.19 (MMS5 / OS 2.x)**	**22 days**	**0%**	**Fri 6/5/09**	**Tue 7/7/09**
49	**EIP**	**Loopback MMS Simulator 1.19 Development**	**11 days**	**0%**	**Fri 6/5/09**	**Fri 6/19/09**
50	EIP	Loopback MMS Simulator 1.19 Analysis	3 days	0%	Fri 6/5/09	Tue 6/9/09
51	EIP	Loopback MMS Simulator 1.19 Construction & UT	8 days	0%	Wed 6/10/09	Fri 6/19/09
52	EIP	Loopback MMS Simulator 1.19 Development Completed	0 days	0%	Fri 6/19/09	Fri 6/19/09
53	**EIP**	**Loopback WSRB 1.19 Development**	**11 days**	**0%**	**Fri 6/5/09**	**Fri 6/19/09**
54	EIP	Loopback WSRB 1.19 Analysis	3 days	0%	Fri 6/5/09	Tue 6/9/09
55	EIP	Loopback WSRB 1.19 Construction & UT	8 days	0%	Wed 6/10/09	Fri 6/19/09
56	EIP	Loopback WSRB 1.19 Development Complete	0 days	0%	Fri 6/19/09	Fri 6/19/09
57	**EIP**	**EIP.WS1.19 Loopback.QA Testing & Deployment**	**10 days**	**0%**	**Mon 6/22/09**	**Mon 7/6/09**
58	EIP	EIP.WS1.19 Loopback.Enhancement.Complete MCD	1 day	0%	Mon 6/22/09	Mon 6/22/09
59	EIP	EIP.WS1.19 Loopback.Enhancement.Deploy Bundles to DEV02	2 days	0%	Tue 6/23/09	Wed 6/24/09
60	EIP	EIP.WS1.19 Loopback.Enhancement.QA Testing in DEV02	6 days	0%	Thu 6/25/09	Thu 7/2/09
61	EIP	EIP.WS1.19 Loopback.Enhancement.Submit the MCR to Release Management	1 day	0%	Mon 7/6/09	Mon 7/6/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

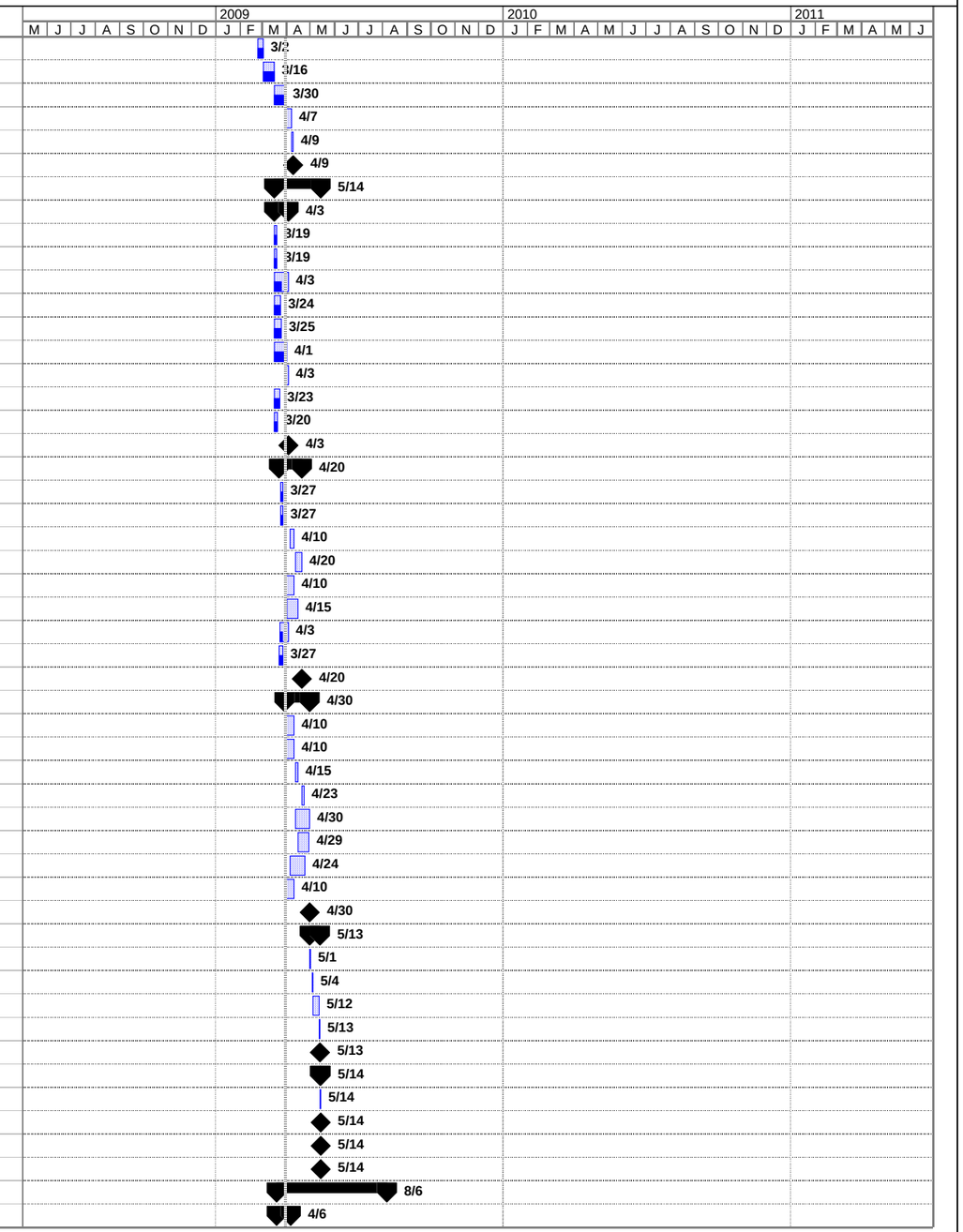
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
62	EIP	EIP.WS1.19 Loopback.QA Testing & Deployment Completed	0 days	0%	Mon 7/6/09	Mon 7/6/09
63	**EIP**	**EIP.WS1.19 Loopback.Sandbox Migration**	**1 day**	**0%**	**Tue 7/7/09**	**Tue 7/7/09**
64	EIP	EIP.WS1.19 Loopback.Code Migration to Sandbox	1 day	0%	Tue 7/7/09	Tue 7/7/09
65	EIP	EIP.WS1.19 Loopback.Sandbox Migration Completed	0 days	0%	Tue 7/7/09	Tue 7/7/09
67	EIP	Loopback EWS 1.19 Completed	0 days	0%	Tue 7/7/09	Tue 7/7/09
68	EIP	Loopback Services Deliveries Completed	0 days	0%	Tue 7/7/09	Tue 7/7/09
69	**EIP**	**EWS Deliveries**	**292 days**	**65%**	**Mon 6/2/08**	**Thu 8/6/09**
70	**EIP**	**EWS 1.15 Enhancements**	**55 days**	**100%**	**Mon 6/2/08**	**Mon 8/18/08**
71	EIP	EIP.WS1.15.Enhancement.Analysis (MM4P2)	20 days	100%	Mon 6/2/08	Fri 6/27/08
72	EIP	EIP.WS1.15.Enhancement.Design	10 days	100%	Mon 6/30/08	Mon 7/14/08
73	EIP	EIP.WS1.15.Enhancement.Construction & UT	10 days	100%	Tue 7/15/08	Mon 7/28/08
74	EIP	EIP.WS1.15.Enhancement.QA Test	10 days	100%	Tue 7/29/08	Mon 8/11/08
75	EIP	EIP.WS1.15.Enhancement.Package & deploy to iTest	5 days	100%	Tue 8/12/08	Mon 8/18/08
76	**EIP**	**EWS 1.16 Enhancements**	**79 days**	**100%**	**Tue 8/19/08**	**Thu 12/11/08**
77	EIP	EIP.WS1.16.Enhancement.Analysis (MMS4P3)	10 days	100%	Tue 8/19/08	Tue 9/2/08
78	EIP	EIP.WS1.16.Enhancement.Design	10 days	100%	Wed 9/3/08	Tue 9/16/08
79	EIP	EIP.WS1.16.Enhancement.Construction & UT	10 days	100%	Wed 9/17/08	Tue 9/30/08
80	EIP	EIP.WS1.16.Enhancement.QA Test	3 days	100%	Wed 10/1/08	Fri 10/3/08
81	EIP	EIP.WS1.16.Enhancement.Package & deploy to iTest	4 days	100%	Mon 10/6/08	Thu 10/9/08
82	EIP	EIP.WS1.16Defect Resolution support IR3/TC2	42 days	100%	Fri 10/10/08	Thu 12/11/08
83	**EIP**	**EWS 1.17 Enhancements (MMS 4 P5)**	**62 days**	**100%**	**Wed 10/1/08**	**Tue 1/13/09**
84	EIP	EIP.WS1.17.Enhancement.Analysis (OS)	13 days	100%	Wed 10/1/08	Fri 10/17/08
85	EIP	EIP.WS1.17.Enhancement.Analysis (MMS4P5)	10 days	100%	Tue 10/28/08	Mon 11/10/08
86	EIP	EIP.WS1.17.Enhancement.Design	17 days	100%	Mon 10/20/08	Tue 11/11/08
87	EIP	EIP.WS1.17.Enhancement.Construction & UT	17 days	100%	Wed 11/12/08	Tue 12/9/08
88	EIP	EIP.WS1.17.Enhancement.QA Test	2 days	100%	Wed 12/10/08	Thu 12/11/08
89	EIP	EIP.WS1.17.Enhancement.Package & deploy to iTest	1 day	100%	Fri 12/12/08	Fri 12/12/08
90	EIP	EIP.WS1.17.IR3/TC3 Enhancement / Defect Support (MMS4 P5/OS2.0.13)	12 days	100%	Mon 12/15/08	Tue 1/13/09
91	**EIP**	**EWS 1.18 Enhancements (MMS 4 P6 / REG 4 / OS 2.1.2+)**	**102 days**	**53%**	**Wed 12/10/08**	**Thu 5/14/09**
92	**EIP**	**EIP.WS1.18A Delivery (MMS 4 P7)**	**23 days**	**100%**	**Wed 12/10/08**	**Fri 1/23/09**
93	EIP	EIP.WS1.18.Enhancement.Analysis (MMS4 P6)	5 days	100%	Wed 12/10/08	Tue 12/16/08
94	EIP	EIP.WS1.18.Enhancement.Design	5 days	100%	Wed 12/17/08	Tue 1/6/09
95	EIP	EIP.WS1.18.Enhancement.Construction & UT	10 days	100%	Wed 1/7/09	Tue 1/20/09
96	EIP	EIP.WS1.18.Enhancement.QA Test	2 days	100%	Wed 1/21/09	Thu 1/22/09
97	EIP	EIP.WS1.18.Enhancement.Package & deploy to iTest	1 day	100%	Fri 1/23/09	Fri 1/23/09
98	EIP	EIP.WS1.18A Delivery Completed	0 days	100%	Fri 1/23/09	Fri 1/23/09
99	**EIP**	**EIP.WS1.18B Delivery (MMS 4 P7 / OS 2.1.2.1)**	**20 days**	**100%**	**Fri 1/30/09**	**Thu 2/26/09**
100	EIP	EIP.WS1.18.Enhancement.Analysis (MMS4 P7)	2 days	100%	Fri 1/30/09	Mon 2/2/09
101	EIP	EIP.WS1.18.Enhancement.Design (MMS4 P7)	1 day	100%	Tue 2/3/09	Tue 2/3/09
102	EIP	EIP.WS1.18.Enhancement.Construction & UT (MMS4 P7)	8 days	100%	Wed 2/4/09	Fri 2/13/09
103	EIP	EIP.WS1.18.Enhancement.QA Test (MMS4 P7)	8 days	100%	Mon 2/16/09	Wed 2/25/09
105	EIP	EIP.WS1.18.Enhancement.Package & deploy to iTest (MMS4 P7)	1 day	100%	Thu 2/26/09	Thu 2/26/09
106	EIP	EIP.WS1.18B Delivery Completed	0 days	100%	Thu 2/26/09	Thu 2/26/09
108	**EIP**	**EIP.WS1.18C Delivery (MMS4 P7 Compatibility, OS 2.1.2.1 Compatible, MktInfo Svcs P1, ABB defect fixes**	**33 days**	**100%**	**Tue 2/3/09**	**Thu 3/19/09**
109	EIP	EIP.WS1.18C.Enhancement.Analysis	5 days	100%	Tue 2/3/09	Mon 2/9/09
110	EIP	EIP.WS1.18C.Enhancement.Design	10 days	100%	Tue 2/10/09	Mon 2/23/09
111	EIP	EIP.WS1.18C.Enhancement.Construction & UT	8 days	100%	Tue 2/24/09	Thu 3/5/09
112	EIP	EIP.WS1.18C.Enhancement.QA Test	8 days	100%	Fri 3/6/09	Tue 3/17/09
113	EIP	EIP.WS1.18C.Enhancement.Package & deploy to iTest	2 days	100%	Wed 3/18/09	Thu 3/19/09
114	EIP	EIP.WS1.18C Delivery Completed	0 days	100%	Thu 3/19/09	Thu 3/19/09
116	**EIP**	**EIP.WS1.18C2 Delivery (OS 2.1.3 Compatibility)**	**33 days**	**73%**	**Tue 2/24/09**	**Thu 4/9/09**



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

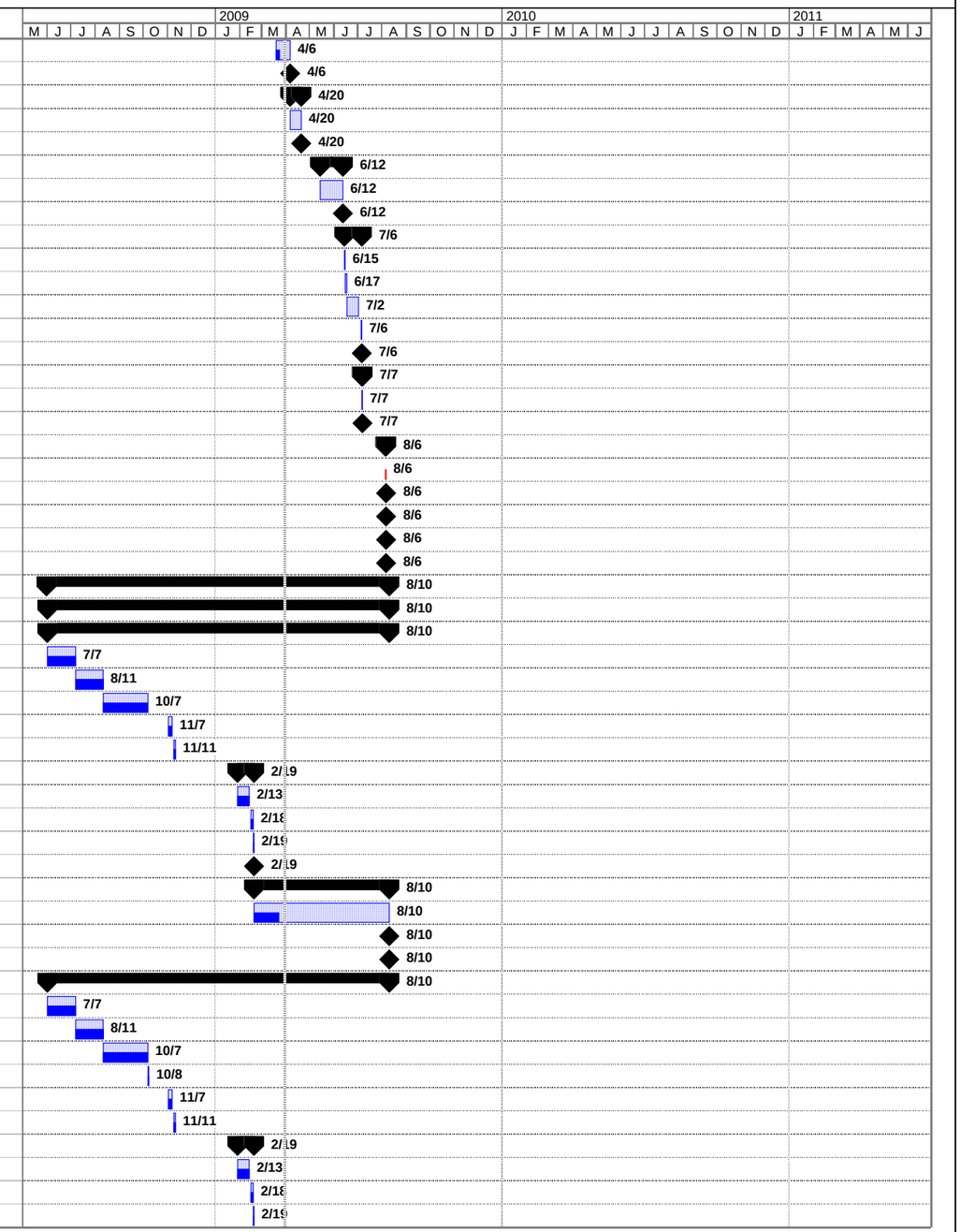
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
117	EIP	EIP.WS1.18C2.Enhancement.Analysis	5 days	100%	Tue 2/24/09	Mon 3/2/09
118	EIP	EIP.WS1.18C2.Enhancement.Design	10 days	100%	Tue 3/3/09	Mon 3/16/09
119	EIP	EIP.WS1.18C2.Enhancement.Construction & UT	10 days	90%	Tue 3/17/09	Mon 3/30/09
121	EIP	EIP.WS1.18C2.Enhancement.QA Test	6 days	0%	Tue 3/31/09	Tue 4/7/09
122	EIP	EIP.WS1.18C2.Enhancement.Package & deploy to iTest	2 days	0%	Wed 4/8/09	Thu 4/9/09
123	EIP	EIP.WS1.18C2.Delivery Completed (OS2.1.3 Compatibility)	0 days	0%	Thu 4/9/09	Thu 4/9/09
125	**EIP**	**EIP.WS1.18D Delivery (getMktInfo P2, EMS Alerts, Continuous Hour Cancel, Utilities Services, MMS DAM**	**43 days**	**31%**	**Tue 3/17/09**	**Thu 5/14/09**
126	**EIP**	**EIP.WS1.18D.Analysis**	**14 days**	**79%**	**Tue 3/17/09**	**Fri 4/3/09**
127	EIP	EIP.WS1.18D.Enhancement.Market Information Services Analysis	3 days	100%	Tue 3/17/09	Thu 3/19/09
128	EIP	EIP.WS1.18D.Enhancement.EMS Alerts Analysis	3 days	100%	Tue 3/17/09	Thu 3/19/09
129	EIP	EIP.WS1.18D.Enhancement.Continuous HR cancel Analysis	14 days	50%	Tue 3/17/09	Fri 4/3/09
130	EIP	EIP.WS1.18D.Enhancement.Utilities ServicesAnalysis	6 days	100%	Tue 3/17/09	Tue 3/24/09
131	EIP	EIP.WS1.18D.Enhancement.DAM Market Close Analysis	7 days	100%	Tue 3/17/09	Wed 3/25/09
132	EIP	EIP.WS1.18D.Enhancement.Sequencing Analysis	12 days	90%	Tue 3/17/09	Wed 4/1/09
133	EIP	EIP.WS1.18D.Enhancement.NMMS Notifications Analysis	4 days	0%	Tue 3/31/09	Fri 4/3/09
134	EIP	EIP.WS1.18D.Enhancement.Policy Manager Analysis	5 days	100%	Tue 3/17/09	Mon 3/23/09
135	EIP	EIP.WS1.18D.Enhancement.Wind Data persistence in EMS Analysis	4 days	100%	Tue 3/17/09	Fri 3/20/09
136	EIP	EIP.WS1.18D.Analysis Completed	0 days	0%	Fri 4/3/09	Fri 4/3/09
137	**EIP**	**EIP.WS1.18D.Design**	**21 days**	**29%**	**Mon 3/23/09**	**Mon 4/20/09**
138	EIP	EIP.WS1.18D.Enhancement.Market Information Services Design	3 days	100%	Wed 3/25/09	Fri 3/27/09
139	EIP	EIP.WS1.18D.Enhancement.EMS Alerts Design	3 days	100%	Wed 3/25/09	Fri 3/27/09
140	EIP	EIP.WS1.18D.Enhancement.Continuous HR cancel Design	5 days	0%	Mon 4/6/09	Fri 4/10/09
141	EIP	EIP.WS1.18D.Enhancement.Utilities Services Design	6 days	0%	Mon 4/13/09	Mon 4/20/09
142	EIP	EIP.WS1.18D.Enhancement.DAM Market Close Design	10 days	0%	Mon 3/30/09	Fri 4/10/09
143	EIP	EIP.WS1.18D.Enhancement.Sequencing Design	10 days	0%	Thu 4/2/09	Wed 4/15/09
144	EIP	EIP.WS1.18D.Enhancement.Policy Manager Design	9 days	40%	Tue 3/24/09	Fri 4/3/09
145	EIP	EIP.WS1.18D.Enhancement.Wind Data persistence in EMS Design	5 days	100%	Mon 3/23/09	Fri 3/27/09
146	EIP	EIP.WS1.18D.Design Completed	0 days	0%	Mon 4/20/09	Mon 4/20/09
147	**EIP**	**EIP.WS1.18D.Development & Unit Testing**	**24 days**	**0%**	**Mon 3/30/09**	**Thu 4/30/09**
148	EIP	EIP.WS1.18D.Enhancement.Market Information Services Development & Unit Testing	10 days	0%	Mon 3/30/09	Fri 4/10/09
149	EIP	EIP.WS1.18D.Enhancement.EMS Alerts Development & Unit Testing	10 days	0%	Mon 3/30/09	Fri 4/10/09
150	EIP	EIP.WS1.18D.Enhancement.Continuous HR cancel Development & Unit Testing	3 days	0%	Mon 4/13/09	Wed 4/15/09
151	EIP	EIP.WS1.18D.Enhancement.Utilities Services Development & Unit Testing	3 days	0%	Tue 4/21/09	Thu 4/23/09
152	EIP	EIP.WS1.18D.Enhancement.DAM Market Close Development & Unit Testing	14 days	0%	Mon 4/13/09	Thu 4/30/09
153	EIP	EIP.WS1.18D.Enhancement.Sequencing Development & Unit Testing	10 days	0%	Thu 4/16/09	Wed 4/29/09
154	EIP	EIP.WS1.18D.Enhancement.Policy Manager Development & Unit Testing	15 days	0%	Mon 4/6/09	Fri 4/24/09
155	EIP	EIP.WS1.18D.Enhancement.Wind Data persistence in EMS Development & Unit Testing	10 days	0%	Mon 3/30/09	Fri 4/10/09
156	EIP	EIP.WS1.18D.Development & Unit Testing Completed	0 days	0%	Thu 4/30/09	Thu 4/30/09
157	**EIP**	**EIP.WS1.18D.QA Testing & Deployment**	**9 days**	**0%**	**Fri 5/1/09**	**Wed 5/13/09**
158	EIP	EIP.WS1.18D.Enhancement.Complete MCD	1 day	0%	Fri 5/1/09	Fri 5/1/09
159	EIP	EIP.WS1.18D.Enhancement.Deploy Bundles to DEV02	1 day	0%	Mon 5/4/09	Mon 5/4/09
160	EIP	EIP.WS1.18D.Enhancement.QA Testing in DEV02	6 days	0%	Tue 5/5/09	Tue 5/12/09
161	EIP	EIP.WS1.18D.Enhancement.Submit the MCR to Release Management	1 day	0%	Wed 5/13/09	Wed 5/13/09
162	EIP	EIP.WS1.18D.Development & Unit Testing Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
163	**EIP**	**EIP.WS1.18D.Itest Migration**	**1 day**	**0%**	**Thu 5/14/09**	**Thu 5/14/09**
164	EIP	EIP.WS1.18D.Code Migration to Itest	1 day	0%	Thu 5/14/09	Thu 5/14/09
165	EIP	EIP.WS1.18D.Itest Migration Completed	0 days	0%	Thu 5/14/09	Thu 5/14/09
167	EIP	EIP.WS1.18D Delivery Completed	0 days	0%	Thu 5/14/09	Thu 5/14/09
168	EIP	EWS 1.18 Enhancements Completed	0 days	0%	Thu 5/14/09	Thu 5/14/09
169	**EIP**	**EWS 1.19 Enhancements (MMS 5 / OS 2.1.3)**	**98 days**	**4%**	**Fri 3/20/09**	**Thu 8/6/09**
170	**EIP**	**EIP.WS1.19.Analysis**	**12 days**	**20%**	**Fri 3/20/09**	**Mon 4/6/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
Task Progress | Milestone | Rolled Up Critical Task | Split | Group By Summary
Critical Task (20d) | Summary | Rolled Up Milestone | External Tasks | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
171	EIP	EIP.WS1.19.Enhancement.XSD Analysis / Component Change Analysis	12 days	20%	Fri 3/20/09	Mon 4/6/09
172	EIP	EIP.WS1.19.Analysis Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
173	**EIP**	**EIP.WS1.19.Design**	**10 days**	**0%**	**Tue 4/7/09**	**Mon 4/20/09**
174	EIP	EIP.WS1.19.Enhancement.Design Updates	10 days	0%	Tue 4/7/09	Mon 4/20/09
175	EIP	EIP.WS1.19.Design Completed	0 days	0%	Mon 4/20/09	Mon 4/20/09
176	**EIP**	**EIP.WS1.19.Enhancement.Development & Unit Test**	**20 days**	**0%**	**Fri 5/15/09**	**Fri 6/12/09**
177	EIP	EIP.WS1.19.Enhancement.Construction & UT	20 days	0%	Fri 5/15/09	Fri 6/12/09
178	EIP	EIP.WS1.19.Enhancement.Development & Unit Test Completed	0 days	0%	Fri 6/12/09	Fri 6/12/09
179	**EIP**	**EIP.WS1.19.QA Testing & Deployment**	**15 days**	**0%**	**Mon 6/15/09**	**Mon 7/6/09**
180	EIP	EIP.WS1.19.Enhancement.Complete MCD	1 day	0%	Mon 6/15/09	Mon 6/15/09
181	EIP	EIP.WS1.19.Enhancement.Deploy Bundles to DEV02	2 days	0%	Tue 6/16/09	Wed 6/17/09
182	EIP	EIP.WS1.19.Enhancement.QA Testing in DEV02	11 days	0%	Thu 6/18/09	Thu 7/2/09
183	EIP	EIP.WS1.19.Enhancement.Submit the MCR to Release Management	1 day	0%	Mon 7/6/09	Mon 7/6/09
184	EIP	EIP.WS1.19.QA Testing & Deployment	0 days	0%	Mon 7/6/09	Mon 7/6/09
185	**EIP**	**EIP.WS1.19.Itest Migration**	**1 day**	**0%**	**Tue 7/7/09**	**Tue 7/7/09**
186	EIP	EIP.WS1.19.Code Migration to Itest	1 day	0%	Tue 7/7/09	Tue 7/7/09
187	EIP	EIP.WS1.19.Itest Migration Completed	0 days	0%	Tue 7/7/09	Tue 7/7/09
188	**EIP**	**EIP.WS1.19.EDS4 Migration**	**1 day**	**0%**	**Thu 8/6/09**	**Thu 8/6/09**
189	EIP	EIP.WS1.19.Code Migration to EDS4	1 day	0%	Thu 8/6/09	Thu 8/6/09
190	EIP	EIP.WS1.19.EDS4 Migration Completed	0 days	0%	Thu 8/6/09	Thu 8/6/09
192	EIP	EWS 1.19 Enhancements completed	0 days	0%	Thu 8/6/09	Thu 8/6/09
193	EIP	EWS Deliveries Completed	0 days	0%	Thu 8/6/09	Thu 8/6/09
194	EIP	External Web Services (EWS) Completed	0 days	0%	Thu 8/6/09	Thu 8/6/09
195	**EIP**	**Adapters**	**295 days**	**57%**	**Sun 6/1/08**	**Mon 8/10/09**
196	**EIP**	**CMM Source Adapters**	**294 days**	**60%**	**Mon 6/2/08**	**Mon 8/10/09**
197	**EIP**	**CMM - CRR (Initial delivery IR3)**	**294 days**	**58%**	**Mon 6/2/08**	**Mon 8/10/09**
198	EIP	EIP.CMM.CRR.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
199	EIP	EIP.CMM.CRR.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
200	EIP	EIP.CMM.CRR.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
201	EIP	EIP.CMM.CRR.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
202	EIP	EIP.CMM.CRR.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
203	**EIP**	**IR4/TC2 delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
204	EIP	EIP.CMM.CRR.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
205	EIP	EIP.CMM.CRR.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
206	EIP	EIP.CMM.CRR.Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
207	EIP	CMM-CRR Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
209	**EIP**	**CMM-CRR Defect Management**	**120 days**	**18%**	**Fri 2/20/09**	**Mon 8/10/09**
210	EIP	CMM-CRR Defect Management	120 days	18%	Fri 2/20/09	Mon 8/10/09
211	EIP	CMM-CRR Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
212	EIP	CMM - CRR EIP adapter delivery / defect management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
213	**EIP**	**CMM - MMS EIP adapter delivery**	**294 days**	**58%**	**Mon 6/2/08**	**Mon 8/10/09**
214	EIP	EIP.CMM.MMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
215	EIP	EIP.CMM.MMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
216	EIP	EIP.CMM.MMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
217	EIP	EIP.CMM.MMS.Resource.Adapter Review	1 day	100%	Wed 10/8/08	Wed 10/8/08
218	EIP	EIP.CMM.MMS.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
219	EIP	EIP.CMM.MMS.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
220	**EIP**	**IR4/TC2 Delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
221	EIP	EIP.CMM.MMS.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
222	EIP	EIP.CMM.MMS.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
223	EIP	EIP.CMM.MMS Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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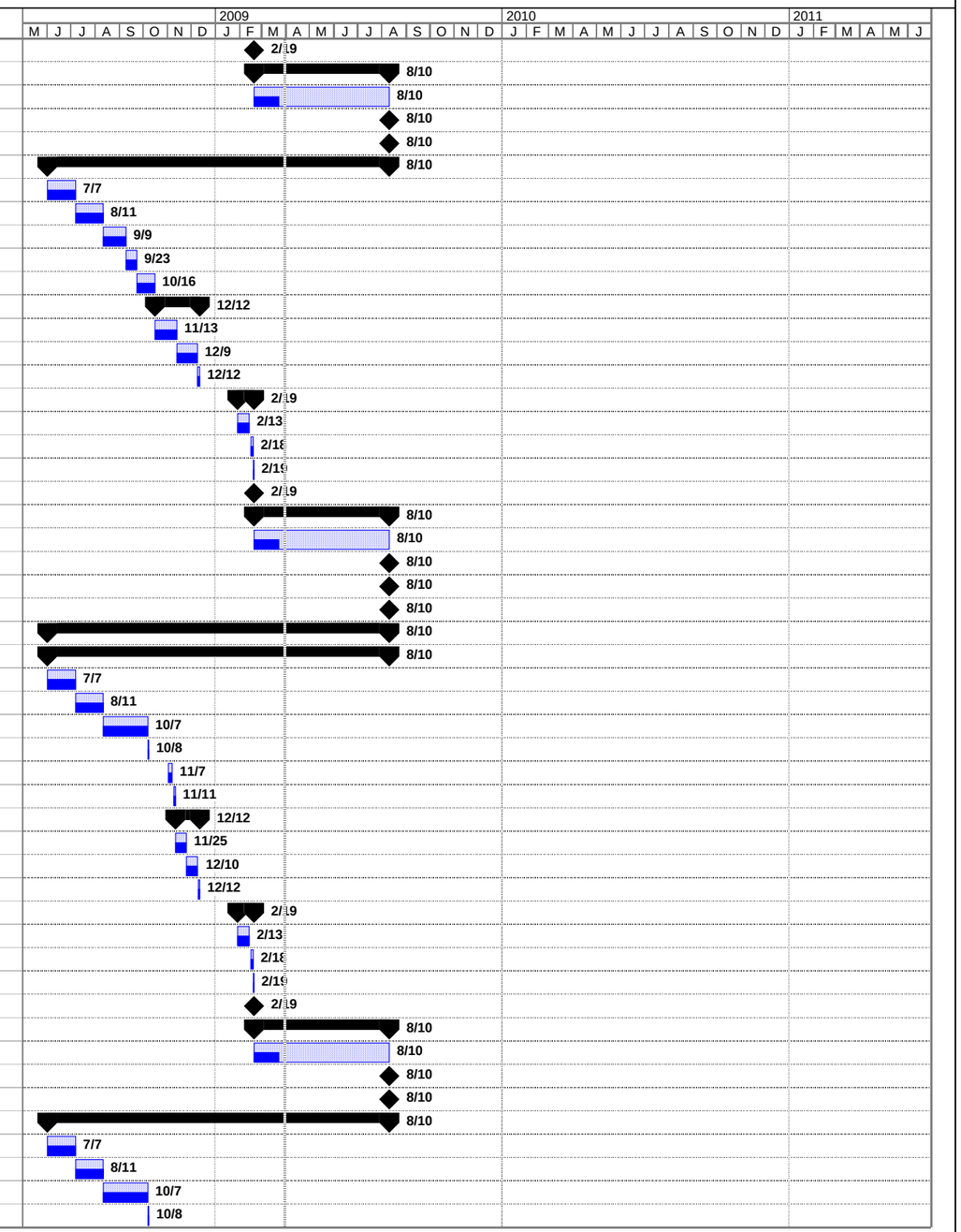
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
224	EIP	CMM-MMS Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
226	**EIP**	**CMM-MMS Defect Management**	**120 days**	**18%**	**Fri 2/20/09**	**Mon 8/10/09**
227	EIP	CMM-MMS Defect Management	120 days	18%	Fri 2/20/09	Mon 8/10/09
228	EIP	CMM-MMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
229	EIP	CMM - MMS EIP adapter delivery / defect management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
230	**EIP**	**CMM - Reg EIP adapter Delivery**	**294 days**	**64%**	**Mon 6/2/08**	**Mon 8/10/09**
231	EIP	EIP.CMM.Reg.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
232	EIP	EIP.CMM.Reg.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
233	EIP	EIP.CMM.Reg.Resource.Construction & UT	20 days	100%	Tue 8/12/08	Tue 9/9/08
234	EIP	EIP.CMM.Reg.Resource.QA Test	10 days	100%	Wed 9/10/08	Tue 9/23/08
235	EIP	EIP.CMM.Reg.Resource.Package & deploy to iTest	17 days	100%	Wed 9/24/08	Thu 10/16/08
236	**EIP**	**IR3/TC3 Delivery**	**38 days**	**100%**	**Fri 10/17/08**	**Fri 12/12/08**
237	EIP	EIP.CMM.Reg.Resource.Construction & UT	20 days	100%	Fri 10/17/08	Thu 11/13/08
238	EIP	EIP.CMM.Reg.Resource.QA Test	15 days	100%	Fri 11/14/08	Tue 12/9/08
239	EIP	EIP.CMM.Reg.Resource.Package & deploy changes for IR3/TC3 (Lx Testing)	3 days	100%	Wed 12/10/08	Fri 12/12/08
240	**EIP**	**IR4/TC2 Delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
241	EIP	EIP.CMM.Reg.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
242	EIP	EIP.CMM.Reg.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
243	EIP	EIP.CMM.Reg.Resource.Package & deploy changes for IR4/TC2 (L1 Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
244	EIP	CMM-REG Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
246	**EIP**	**CMM-REG Defect Management**	**120 days**	**18%**	**Fri 2/20/09**	**Mon 8/10/09**
247	EIP	CMM-REG Defect Management	120 days	18%	Fri 2/20/09	Mon 8/10/09
248	EIP	CMM-REG Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
249	EIP	CMM - REG EIP adapter delivery / defect management completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
250	EIP	CMM Source Adapters Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
251	**EIP**	**CRR Source Adapters**	**294 days**	**58%**	**Mon 6/2/08**	**Mon 8/10/09**
252	**EIP**	**CRR - CMM (Initial delivery IR3)**	**294 days**	**61%**	**Mon 6/2/08**	**Mon 8/10/09**
253	EIP	EIP.CRR.CMM.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
254	EIP	EIP.CRR.CMM.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
255	EIP	EIP.CRR.CMM.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
256	EIP	EIP.CRR.CMM.Resource.Adapter Review	1 day	100%	Wed 10/8/08	Wed 10/8/08
257	EIP	EIP.CRR.CMM.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
258	EIP	EIP.CRR.CMM.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
259	**EIP**	**IR3/TC3 Delivery**	**20 days**	**100%**	**Wed 11/12/08**	**Fri 12/12/08**
260	EIP	EIP.CRR.CMM.Resource.Construction & UT	10 days	100%	Wed 11/12/08	Tue 11/25/08
261	EIP	EIP.CRR.CMM.Resource.QA Test	8 days	100%	Wed 11/26/08	Wed 12/10/08
262	EIP	EIP.CRR.CMM.Resource.Package & deploy changes for IR3/TC3 (L1 Testing)	2 days	100%	Thu 12/11/08	Fri 12/12/08
263	**EIP**	**IR4/TC2 Delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
264	EIP	EIP.CRR.CMM.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
265	EIP	EIP.CRR.CMM.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
266	EIP	EIP.CRR.CMM.Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
267	EIP	CRR-CMM Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
269	**EIP**	**CRR-CMM Defect Management**	**120 days**	**18%**	**Fri 2/20/09**	**Mon 8/10/09**
270	EIP	CRR-CMM Defect Management	120 days	18%	Fri 2/20/09	Mon 8/10/09
271	EIP	CRR-CMM Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
272	EIP	CRR-CMM EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
273	**EIP**	**CRR - MMS (Initial delivery IR3)**	**294 days**	**56%**	**Mon 6/2/08**	**Mon 8/10/09**
274	EIP	EIP.CRR.MMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
275	EIP	EIP.CRR.MMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
276	EIP	EIP.CRR.MMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
277	EIP	EIP.CRR.MMS.Resource.Adapter Review	1 day	100%	Wed 10/8/08	Wed 10/8/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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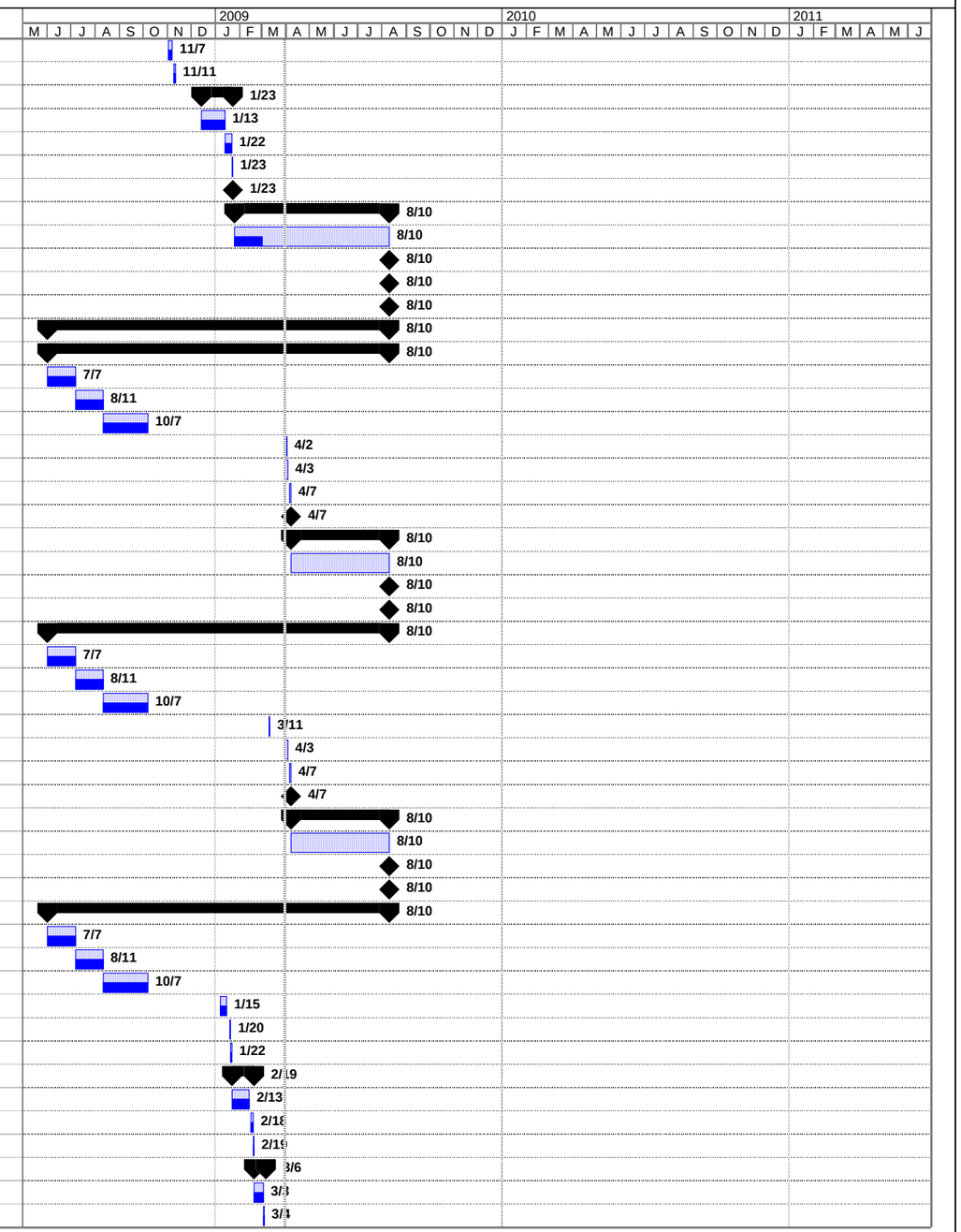
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
278	EIP	EIP.CRR.MMS.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
279	EIP	EIP.CRR.MMS.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
280	**EIP**	**IR4/TC1 Delivery**	**20 days**	**100%**	**Mon 12/15/08**	**Fri 1/23/09**
281	EIP	EIP.CRR.MMS.Resource.Construction & UT	12 days	100%	Mon 12/15/08	Tue 1/13/09
282	EIP	EIP.CRR.MMS.Resource.QA Test	7 days	100%	Wed 1/14/09	Thu 1/22/09
283	EIP	EIP.CRR.MMS Resource.Package & deploy changes for IR4/TC1 (L3 Testing)	1 day	100%	Fri 1/23/09	Fri 1/23/09
284	EIP	CRR-MMS Delivery Completed	0 days	100%	Fri 1/23/09	Fri 1/23/09
286	**EIP**	**CRR-MMS Defect Management**	**139 days**	**18%**	**Mon 1/26/09**	**Mon 8/10/09**
287	EIP	CRR-MMS Defect Management	139 days	18%	Mon 1/26/09	Mon 8/10/09
288	EIP	CRR-MMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
289	EIP	CRR-MMS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
290	EIP	CRR Source Adapters Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
291	**EIP**	**NMMS Source Adapters**	**294 days**	**44%**	**Mon 6/2/08**	**Mon 8/10/09**
292	**EIP**	**NMMS - CRR (initial deploy IR4/TC3)**	**294 days**	**49%**	**Mon 6/2/08**	**Mon 8/10/09**
293	EIP	EIP.NMMS.CRR.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
294	EIP	EIP.NMMS.CRR.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
295	EIP	EIP.NMMS.CRR.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
296	EIP	EIP.NMMS.CRR.Resource.Adapter Review	1 day	0%	Thu 4/2/09	Thu 4/2/09
297	EIP	EIP.MMMS.CRR.Resource.QA Test	5 days	0%	Mon 3/30/09	Fri 4/3/09
298	EIP	EIP.NMMS.CRR.Resource.Package & deploy to iTest	2 days	0%	Mon 4/6/09	Tue 4/7/09
299	EIP	NMMS-CRR Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
301	**EIP**	**NMMS-CRR Defect Management**	**87 days**	**0%**	**Wed 4/8/09**	**Mon 8/10/09**
302	EIP	NMMS-CRR Defect Management	87 days	0%	Wed 4/8/09	Mon 8/10/09
303	EIP	NMMS-CRR Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
304	EIP	NMMS-CRR EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
305	**EIP**	**NMMS - EMS (initial deploy IR4/TC3)**	**294 days**	**49%**	**Mon 6/2/08**	**Mon 8/10/09**
306	EIP	EIP.NMMS.EMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
307	EIP	EIP.NMMS.EMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
308	EIP	EIP.NMMS.EMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
309	EIP	EIP.NMMS.EMS.Resource.Adapter Review	1 day	100%	Wed 3/11/09	Wed 3/11/09
310	EIP	EIP.NMMS.EMS.Resource.QA Test	5 days	0%	Mon 3/30/09	Fri 4/3/09
311	EIP	EIP.NMMS.EMS.Resource.Package & deploy to iTest	2 days	0%	Mon 4/6/09	Tue 4/7/09
312	EIP	NMMS-EMS Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
314	**EIP**	**NMMS-EMS Defect Management**	**87 days**	**0%**	**Wed 4/8/09**	**Mon 8/10/09**
315	EIP	NMMS-EMS Defect Management	87 days	0%	Wed 4/8/09	Mon 8/10/09
316	EIP	NMMS-EMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
317	EIP	NMMS-EMS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
318	**EIP**	**NMMS - MIS (NMMS 5) (initial deploy IR4/TC1)**	**294 days**	**63%**	**Mon 6/2/08**	**Mon 8/10/09**
319	EIP	EIP.NMMS.MIS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
320	EIP	EIP.NMMS.MIS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
321	EIP	EIP.NMMS.MIS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
322	EIP	EIP.NMMS.MIS.Resource.QA Test	6 days	100%	Thu 1/8/09	Thu 1/15/09
323	EIP	EIP.NMMS.MIS.Resource.Adapter Review	1 day	100%	Tue 1/20/09	Tue 1/20/09
324	EIP	EIP.NMMS.MIS.Resource.Package & deploy to iTest	2 days	100%	Wed 1/21/09	Thu 1/22/09
325	**EIP**	**IR4/TC2 Delivery**	**20 days**	**100%**	**Fri 1/23/09**	**Thu 2/19/09**
326	EIP	EIP.NMMS.MIS.Resource.Construction & UT	16 days	100%	Fri 1/23/09	Fri 2/13/09
327	EIP	EIP.NMMS.MIS.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
328	EIP	EIP.NMMS.MIS.Resource.Package & deploy changes for IR4/TC2 (????? Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
329	**EIP**	**IR4/TC3 Delivery (NMMS 6)**	**11 days**	**100%**	**Fri 2/20/09**	**Fri 3/6/09**
330	EIP	EIP.NMMS.MIS.Resource.Construction & UT	8 days	100%	Fri 2/20/09	Tue 3/3/09
331	EIP	EIP.NMMS.MIS.Resource.QA Test	1 day	100%	Wed 3/4/09	Wed 3/4/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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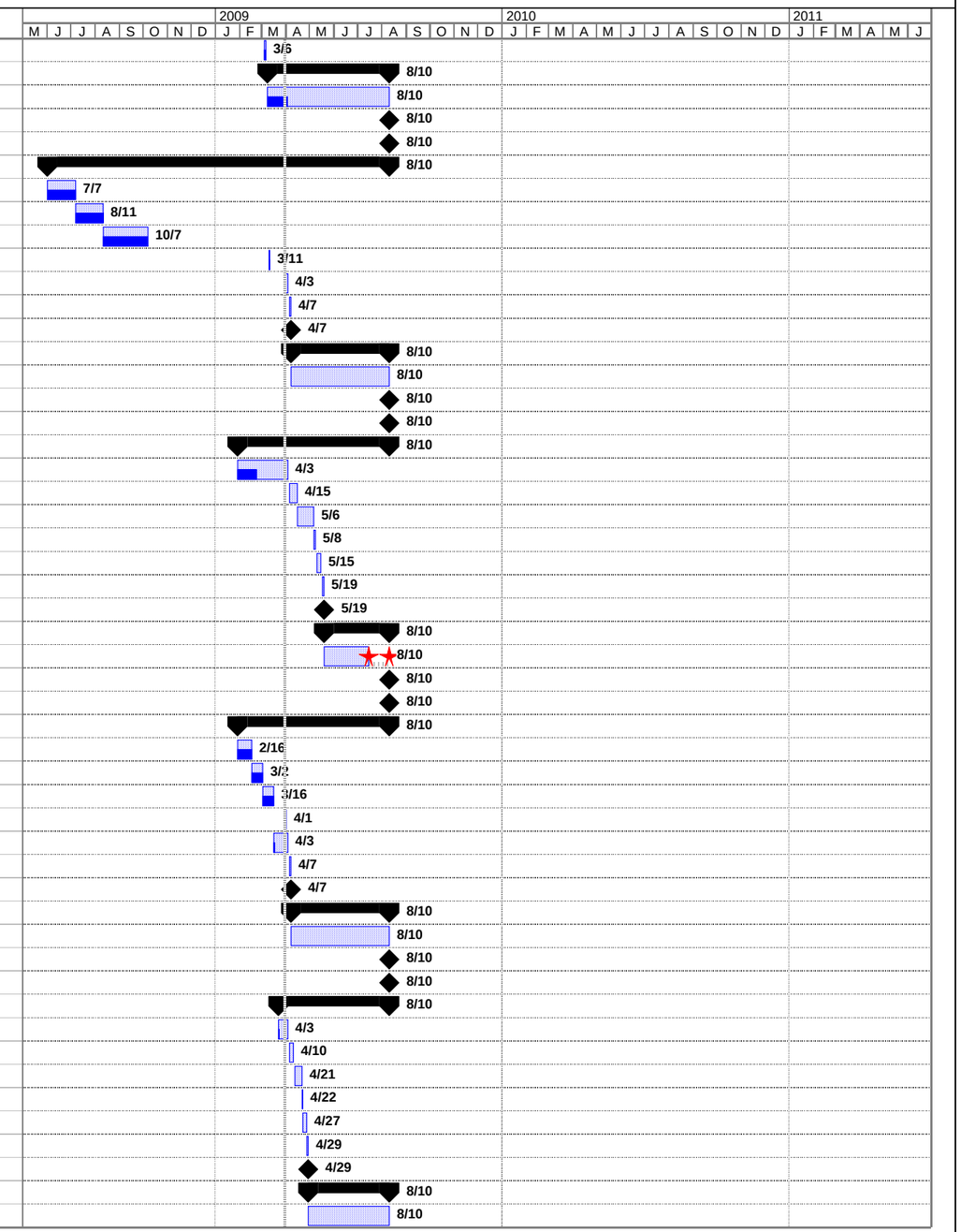
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
332	EIP	EIP.NMMS.MIS.Resource.Package & deploy changes for IR4/TC3 (????? Testing)	2 days	100%	Thu 3/5/09	Fri 3/6/09
334	**EIP**	**NMMS-MIS.Defect Management**	**109 days**	**18%**	**Mon 3/9/09**	**Mon 8/10/09**
335	EIP	EIP.NMMS-MIS.Defect Management	109 days	18%	Mon 3/9/09	Mon 8/10/09
336	EIP	EIP.NMMS-MIS.Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
337	EIP	NMMS-MIS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
338	**EIP**	**NMMS - MMS (initial deploy IR4/TC3)**	**294 days**	**49%**	**Mon 6/2/08**	**Mon 8/10/09**
339	EIP	EIP.NMMS.MMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
340	EIP	EIP.NMMS.MMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
341	EIP	EIP.NMMS.MMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
342	EIP	EIP.NMMS.MMS.Resource.Adapter Review	1 day	100%	Wed 3/11/09	Wed 3/11/09
343	EIP	EIP.NMMS.MMS.Resource.QA Test	5 days	0%	Mon 3/30/09	Fri 4/3/09
344	EIP	EIP.NMMS.MMS.Resource.Package & deploy to iTest	2 days	0%	Mon 4/6/09	Tue 4/7/09
345	EIP	NMMS-MMS Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
347	**EIP**	**NMMS-MMS.Defect Management**	**87 days**	**0%**	**Wed 4/8/09**	**Mon 8/10/09**
348	EIP	EIP.NMMS-MMS.Defect Management	87 days	0%	Wed 4/8/09	Mon 8/10/09
349	EIP	EIP.NMMS-MMS.Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
350	EIP	NMMS-MMS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
351	**EIP**	**NMMS - MMS.CCT (NMMS 6) (IR4/TC3)**	**135 days**	**12%**	**Fri 1/30/09**	**Mon 8/10/09**
352	EIP	EIP.NMMS-MMS.CCT.Analysis	46 days	35%	Fri 1/30/09	Fri 4/3/09
353	EIP	EIP.NMMS-MMS.CCT.Design	8 days	0%	Mon 4/6/09	Wed 4/15/09
354	EIP	EIP.NMMS-MMS.CCT Construction & UT	15 days	0%	Thu 4/16/09	Wed 5/6/09
355	EIP	EIP.NMMS-MMS.CCT Resource.Adapter Review	2 days	0%	Thu 5/7/09	Fri 5/8/09
356	EIP	EIP.NMMS-MMS.CCT QA Test	5 days	0%	Mon 5/11/09	Fri 5/15/09
357	EIP	EIP.NMMS-MMS.CCT Package & deploy to iTest	2 days	0%	Mon 5/18/09	Tue 5/19/09
358	EIP	NMMS-MMS.CCT Delivery Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
360	**EIP**	**NMMS-MMS.CCT Defect Management**	**57 days**	**0%**	**Wed 5/20/09**	**Mon 8/10/09**
361	EIP	EIP.NMMS-MMS.CCT.Defect Management	57 days	0%	Wed 5/20/09	Mon 8/10/09
362	EIP	EIP.NMMS-MMS.CCT.Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
363	EIP	NMMS-CCT EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
364	**EIP**	**NMMS - OS (Initial deploy IR4/TC3)**	**135 days**	**25%**	**Fri 1/30/09**	**Mon 8/10/09**
365	EIP	EIP.NMMS.OS.Resource.Analysis	12 days	100%	Fri 1/30/09	Mon 2/16/09
366	EIP	EIP.NMMS.OS.Resource.Design	10 days	100%	Tue 2/17/09	Mon 3/2/09
367	EIP	EIP.NMMS.OS.Resource.Construction & UT	10 days	100%	Tue 3/3/09	Mon 3/16/09
368	EIP	EIP.NMMS.OS.Resource.Adapter Review	1 day	0%	Wed 4/1/09	Wed 4/1/09
370	EIP	EIP.NMMS.OS.Resource.QA Test	14 days	10%	Tue 3/17/09	Fri 4/3/09
371	EIP	EIP.NMMS.OS.Resource.Package & Deploy to iTest	2 days	0%	Mon 4/6/09	Tue 4/7/09
372	EIP	NMMS-OS Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
374	**EIP**	**NMMS-OS Defect Management**	**87 days**	**0%**	**Wed 4/8/09**	**Mon 8/10/09**
375	EIP	NMMS-OS Defect Management	87 days	0%	Wed 4/8/09	Mon 8/10/09
376	EIP	NMMS-OS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
377	EIP	NMMS-OS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
378	**EIP**	**NMMS - OS.Tracer (IR4/TC4)**	**99 days**	**1%**	**Mon 3/23/09**	**Mon 8/10/09**
379	EIP	EIP.NMMS.OS.Tracer.Resource.Analysis	10 days	10%	Mon 3/23/09	Fri 4/3/09
380	EIP	EIP.NMMS.OS.Tracer.Resource.Design	5 days	0%	Mon 4/6/09	Fri 4/10/09
381	EIP	EIP.NMMS.OS.Tracer.Resource.Construction & UT	7 days	0%	Mon 4/13/09	Tue 4/21/09
382	EIP	EIP.NMMS.OS.Tracer.Resource.Adapter Review	1 day	0%	Wed 4/22/09	Wed 4/22/09
383	EIP	EIP.NMMS.OS.Tracer.Resource.QA Test	3 days	0%	Thu 4/23/09	Mon 4/27/09
384	EIP	EIP.NMMS.OS.Tracer.Resource.Package & Deploy to iTest	2 days	0%	Tue 4/28/09	Wed 4/29/09
385	EIP	NMMS-OS Tracer Delivery Completed	0 days	0%	Wed 4/29/09	Wed 4/29/09
387	**EIP**	**NMMS-OS Tracer Defect Management**	**71 days**	**0%**	**Thu 4/30/09**	**Mon 8/10/09**
388	EIP	NMMS-OS Tracer Defect Management	71 days	0%	Thu 4/30/09	Mon 8/10/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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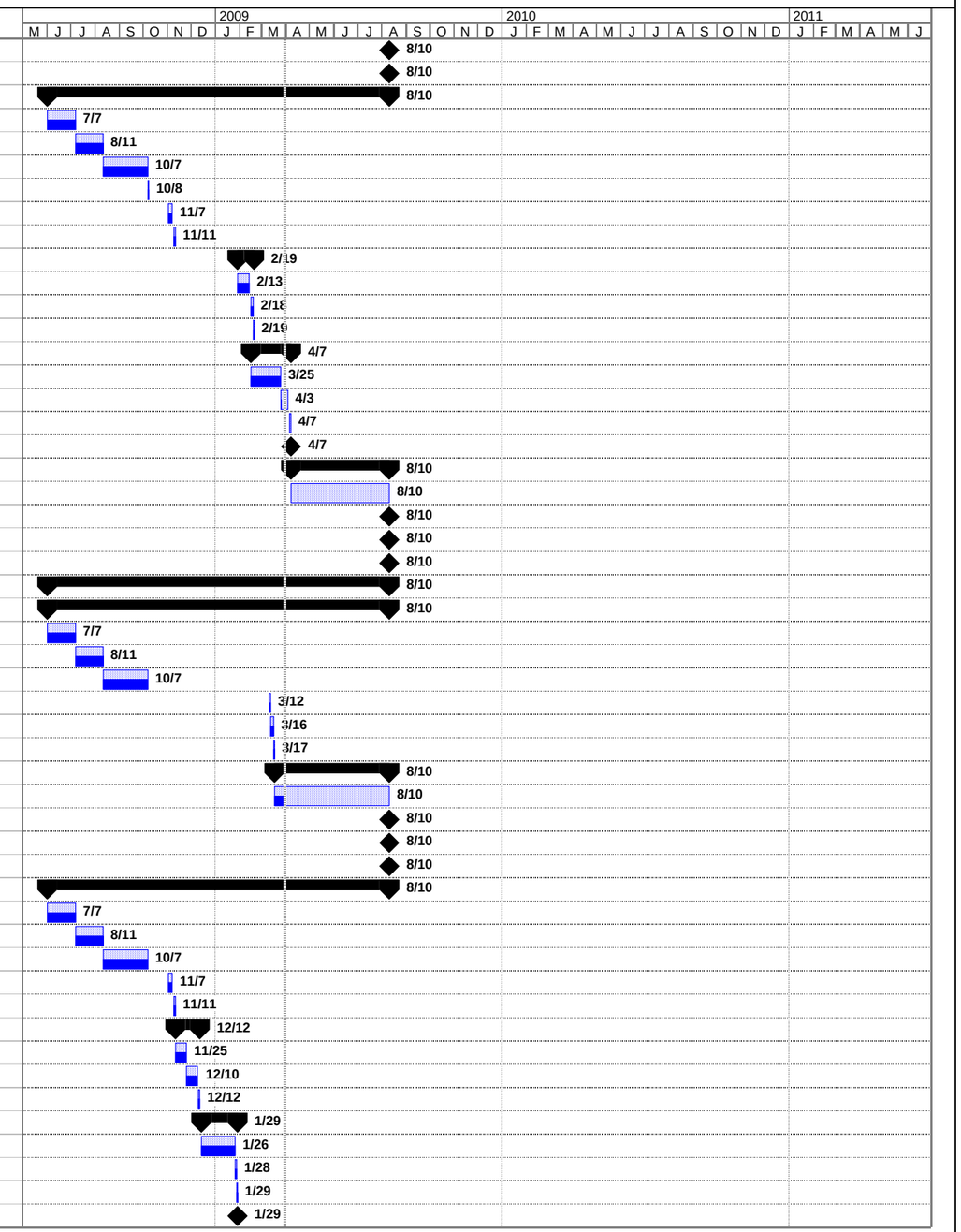
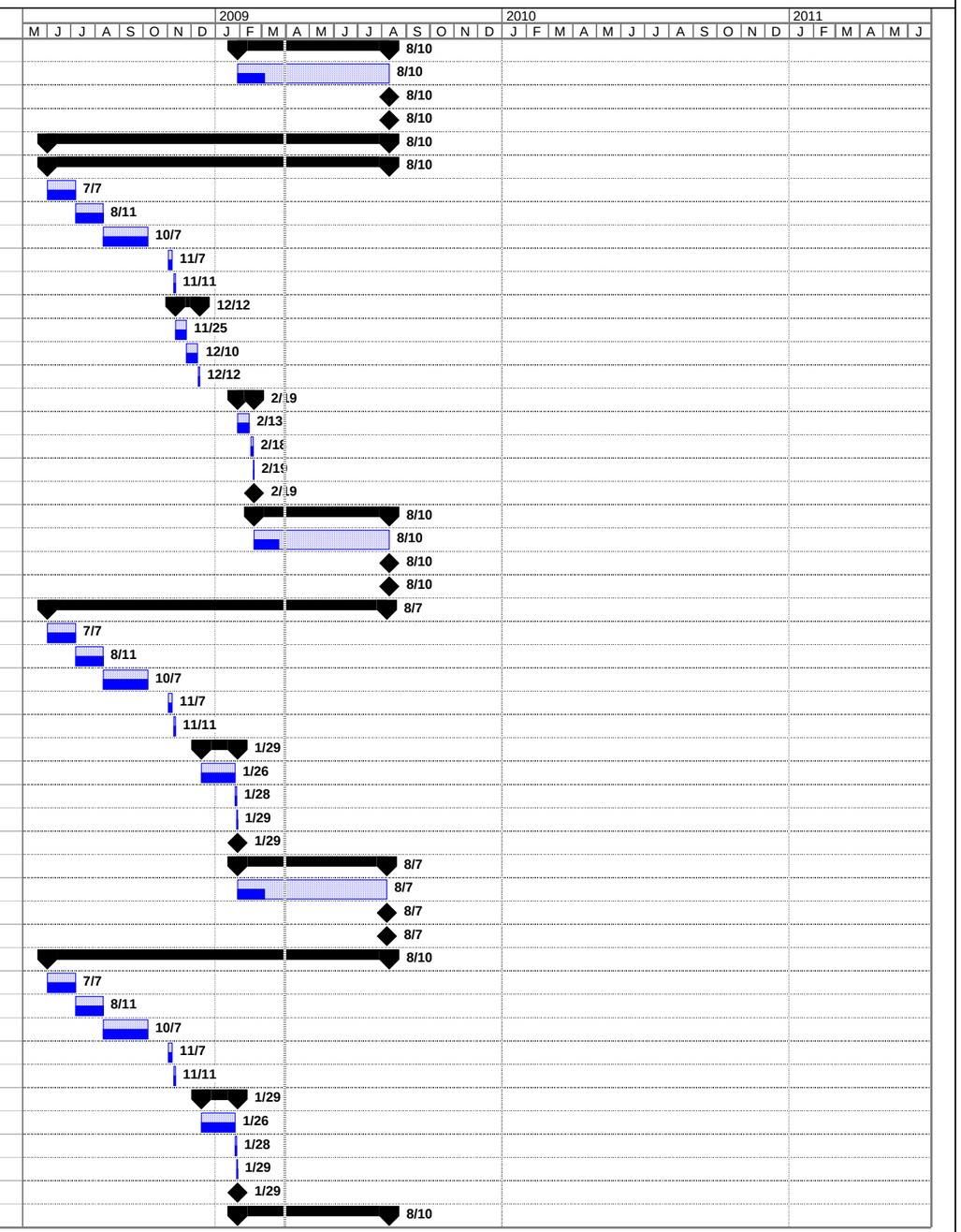
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
389	EIP	NMMS-OS Tracer Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
390	EIP	NMMS-OS Tracer EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
391	**EIP**	**NMMS - SnB (intial deploy IR3)**	**294 days**	**60%**	**Mon 6/2/08**	**Mon 8/10/09**
392	EIP	EIP.NMMS.SnB.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
393	EIP	EIP.NMMS.SnB.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
394	EIP	EIP.NMMS.SnB.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
395	EIP	EIP.NMMS.SnB.Resource.Adapter Review	1 day	100%	Wed 10/8/08	Wed 10/8/08
396	EIP	EIP.MMMS.SnB.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
397	EIP	EIP.NMMS.SnB.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
398	**EIP**	**IR4/TC2 Delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
399	EIP	EIP.NMMS.SnB.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
400	EIP	EIP.NMMS.SnB.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
401	EIP	EIP.NMMS.SnB.Resource.Package & deploy changes for IR4/TC2 (????? Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
402	**EIP**	**IR4/TC3 Delivery**	**37 days**	**77%**	**Mon 2/16/09**	**Tue 4/7/09**
403	EIP	EIP.NMMS.SnB.Resource.Construction & UT	28 days	100%	Mon 2/16/09	Wed 3/25/09
404	EIP	EIP.NMMS.SnB.Resource.QA Test	7 days	5%	Thu 3/26/09	Fri 4/3/09
405	EIP	EIP.NMMS.SnB.Resource.Package & deploy changes for IR4/TC3 (L1-L4 Testing)	2 days	0%	Mon 4/6/09	Tue 4/7/09
406	EIP	NMMS-SnB Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
408	**EIP**	**NMMS-SnB Tracer Defect Management**	**87 days**	**0%**	**Wed 4/8/09**	**Mon 8/10/09**
409	EIP	NMMS-SnB Tracer Defect Management	87 days	0%	Wed 4/8/09	Mon 8/10/09
410	EIP	NMMS-SnB Tracer Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
411	EIP	NMMS-SNB EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
412	EIP	NMMS Source Adapters Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
413	**EIP**	**OS Source Adapter**	**294 days**	**53%**	**Mon 6/2/08**	**Mon 8/10/09**
414	**EIP**	**OS - NMMS (NMMS 6) (initial deploy IR4/TC3)**	**294 days**	**53%**	**Mon 6/2/08**	**Mon 8/10/09**
415	EIP	EIP.OS.NMMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
416	EIP	EIP.OS.NMMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
417	EIP	EIP.OS.NMMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
418	EIP	EIP.OS.NMMS.Resource.Adapter Review	2 days	100%	Wed 3/11/09	Thu 3/12/09
419	EIP	EIP.OS.NMMS.Resource.QA Test	2 days	100%	Fri 3/13/09	Mon 3/16/09
420	EIP	EIP.OS.NMMS.Resource.Package & deploy to iTest	1 day	100%	Tue 3/17/09	Tue 3/17/09
422	**EIP**	**OS-NMMS Defect Management**	**102 days**	**10%**	**Wed 3/18/09**	**Mon 8/10/09**
423	EIP	OS-NMMS Defect Management	102 days	10%	Wed 3/18/09	Mon 8/10/09
424	EIP	OS-NMMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
425	EIP	OS-NMMS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
426	EIP	OS Source Adapters Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
427	**EIP**	**Platts (Initial delivery IR3)**	**294 days**	**60%**	**Mon 6/2/08**	**Mon 8/10/09**
428	EIP	EIP.Platts.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
429	EIP	EIP.Platts.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
430	EIP	EIP.Platts.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
431	EIP	EIP.Platts.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
432	EIP	EIP.Platts.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
433	**EIP**	**IR3/TC3 Delivery**	**20 days**	**100%**	**Wed 11/12/08**	**Fri 12/12/08**
434	EIP	EIP.Platts.Resource.Construction & UT	10 days	100%	Wed 11/12/08	Tue 11/25/08
435	EIP	EIP.Platts.Resource.QA Test	8 days	100%	Wed 11/26/08	Wed 12/10/08
436	EIP	EIP.Platts.Resource.Package & deploy changes for IR4/TC1 (L4 Testing)	2 days	100%	Thu 12/11/08	Fri 12/12/08
437	**EIP**	**IR4/TC1 Delivery (MMS Enhancements delivery)**	**24 days**	**100%**	**Mon 12/15/08**	**Thu 1/29/09**
438	EIP	EIP.Platts.MMS.Enhancement.Resource.Construction & UT	21 days	100%	Mon 12/15/08	Mon 1/26/09
439	EIP	EIP.Platts.MMS.Enhancement.Resource.QA Test	2 days	100%	Tue 1/27/09	Wed 1/28/09
440	EIP	EIP.Platts.MMS.Enhancement.Package & deploy changes for IR4/TC1 (L3 Testing)	1 day	100%	Thu 1/29/09	Thu 1/29/09
441	EIP	Platts Delivery Completed	0 days	100%	Thu 1/29/09	Thu 1/29/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

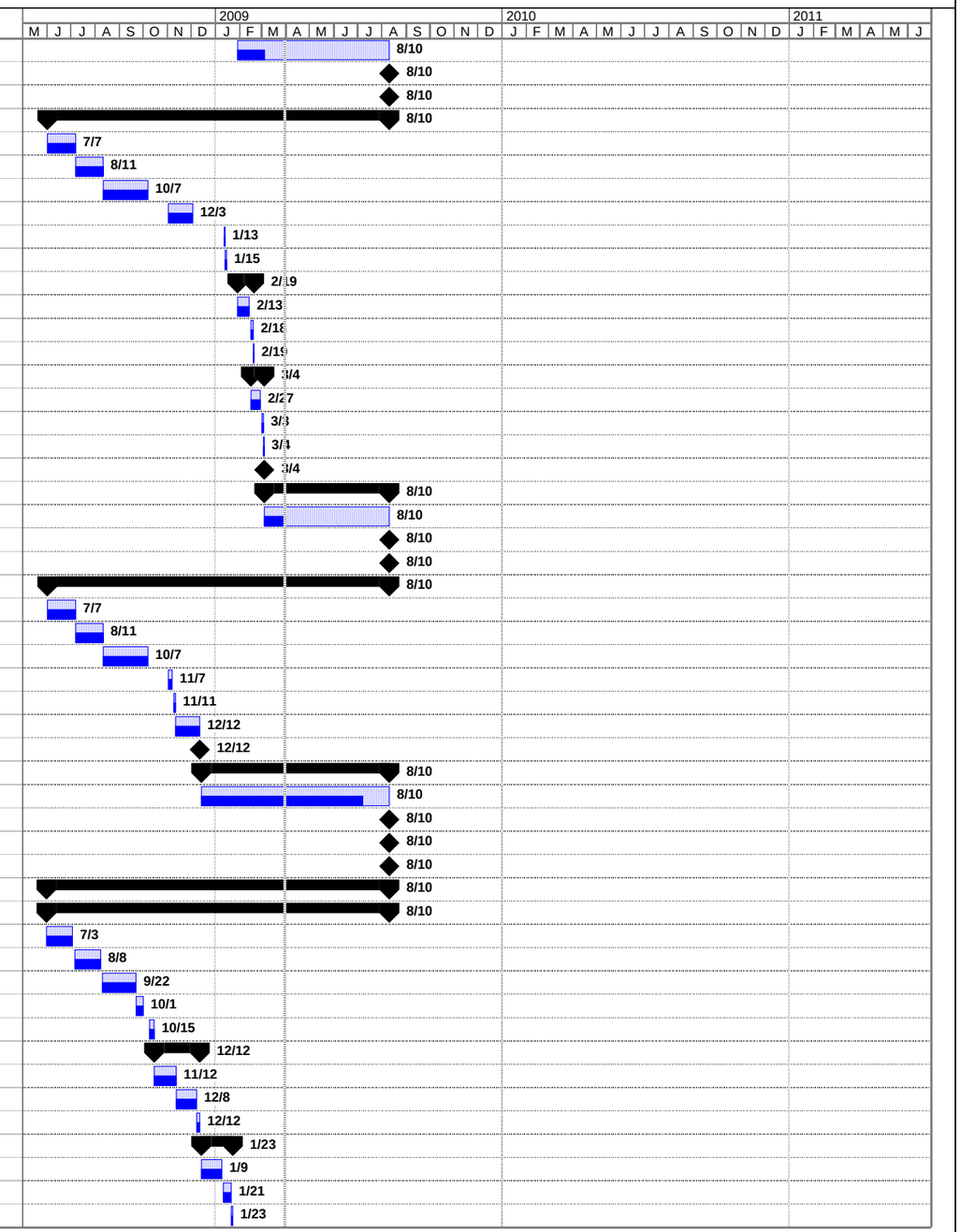
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
443	**EIP**	**Platts Defect Management**	**135 days**	**18%**	**Fri 1/30/09**	**Mon 8/10/09**
444	EIP	Platts Defect Management	135 days	18%	Fri 1/30/09	Mon 8/10/09
445	EIP	Platts Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
446	EIP	Platts EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
447	**EIP**	**REG Source Adapters**	**294 days**	**66%**	**Mon 6/2/08**	**Mon 8/10/09**
448	**EIP**	**Reg - CMM (Initial delivery IR3)**	**294 days**	**61%**	**Mon 6/2/08**	**Mon 8/10/09**
449	EIP	EIP.Reg.CMM.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
450	EIP	EIP.Reg.CMM.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
451	EIP	EIP.Reg.CMM.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
452	EIP	EIP.Reg.CMM.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
453	EIP	EIP.Reg.CMM.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
454	**EIP**	**IR3/TC3 Delivery**	**20 days**	**100%**	**Wed 11/12/08**	**Fri 12/12/08**
455	EIP	EIP.REG.CMM.Resource.Construction & UT	10 days	100%	Wed 11/12/08	Tue 11/25/08
456	EIP	EIP.REG.CMM.Resource.QA Test	8 days	100%	Wed 11/26/08	Wed 12/10/08
457	EIP	EIP.REG.CMM.Resource.Package & deploy changes for IR3/TC3 (L1 Testing)	2 days	100%	Thu 12/11/08	Fri 12/12/08
458	**EIP**	**IR4/TC2 Delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
459	EIP	EIP.REG.CMM.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
460	EIP	EIP.REG.CMM.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
461	EIP	EIP.REG.CMM.Resource.Package & deploy changes for IR4/TC2 (L4 Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
462	EIP	REG-CMM Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
464	**EIP**	**REG-CMM Defect Management**	**120 days**	**18%**	**Fri 2/20/09**	**Mon 8/10/09**
465	EIP	REG-CMM Defect Management	120 days	18%	Fri 2/20/09	Mon 8/10/09
466	EIP	REG-CMM Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
467	EIP	REG-CMM EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
468	**EIP**	**Reg - CRR (Initial delivery IR3)**	**293 days**	**57%**	**Mon 6/2/08**	**Fri 8/7/09**
469	EIP	EIP.Reg.CRR.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
470	EIP	EIP.Reg.CRR.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
471	EIP	EIP.Reg.CRR.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
472	EIP	EIP.Reg.CRR.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
473	EIP	EIP.Reg.CRR.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
474	**EIP**	**IR4/TC1 Delivery**	**24 days**	**100%**	**Mon 12/15/08**	**Thu 1/29/09**
475	EIP	EIP.REG.CRR.Resource.Construction & UT	21 days	100%	Mon 12/15/08	Mon 1/26/09
476	EIP	EIP.REG.CRR.Resource.QA Test	2 days	100%	Tue 1/27/09	Wed 1/28/09
477	EIP	EIP.REG.CRR Resource.Package & deploy changes for IR4/TC1 (L4 Testing)	1 day	100%	Thu 1/29/09	Thu 1/29/09
478	EIP	REG-CRR Delivery Completed	0 days	100%	Thu 1/29/09	Thu 1/29/09
480	**EIP**	**REG-CRR Defect Management**	**134 days**	**18%**	**Fri 1/30/09**	**Fri 8/7/09**
481	EIP	REG-CRR Defect Management	134 days	18%	Fri 1/30/09	Fri 8/7/09
482	EIP	REG-CRR Defect Management Completed	0 days	0%	Fri 8/7/09	Fri 8/7/09
483	EIP	REG-CRR EIP Adapter Delivery / Defect Management Completed	0 days	0%	Fri 8/7/09	Fri 8/7/09
484	**EIP**	**Reg - MMS (Initial delivery IR3 / TC3)**	**294 days**	**57%**	**Mon 6/2/08**	**Mon 8/10/09**
485	EIP	EIP.Reg.MMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
486	EIP	EIP.Reg.MMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
487	EIP	EIP.Reg.MMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
488	EIP	EIP.Reg.MMS.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
489	EIP	EIP.Reg.MMS.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
490	**EIP**	**IR4/TC1 Delivery**	**24 days**	**100%**	**Mon 12/15/08**	**Thu 1/29/09**
491	EIP	EIP.REG.MMS.Resource.Construction & UT	21 days	100%	Mon 12/15/08	Mon 1/26/09
492	EIP	EIP.REG.MMS.Resource.QA Test	2 days	100%	Tue 1/27/09	Wed 1/28/09
493	EIP	EIP.REG.MMS Resource.Package & deploy changes for IR4/TC1 (L4 Testing)	1 day	100%	Thu 1/29/09	Thu 1/29/09
494	EIP	REG-MMS Delivery Completed	0 days	100%	Thu 1/29/09	Thu 1/29/09
496	**EIP**	**REG-MMS Defect Management**	**135 days**	**18%**	**Fri 1/30/09**	**Mon 8/10/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
497	EIP	REG-MMS Defect Management	135 days	18%	Fri 1/30/09	Mon 8/10/09
498	EIP	REG-MMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
499	EIP	REG-MMS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
500	**EIP**	**Reg - NMMS (initial delivery IR4/TC1)**	**294 days**	**64%**	**Mon 6/2/08**	**Mon 8/10/09**
501	EIP	EIP.Reg.NMMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
502	EIP	EIP.Reg.NMMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
503	EIP	EIP.Reg.NMMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
504	EIP	EIP.Reg.MMMS.Resource.QA Test	20 days	100%	Mon 11/3/08	Wed 12/3/08
505	EIP	EIP.Reg.NMMS.Resource.Adapter Review / Walkthrough	1 day	100%	Tue 1/13/09	Tue 1/13/09
506	EIP	EIP.Reg.NMMS.Resource.Package & deploy to iTest	2 days	100%	Wed 1/14/09	Thu 1/15/09
507	**EIP**	**IR4/TC2 Delivery**	**15 days**	**100%**	**Fri 1/30/09**	**Thu 2/19/09**
508	EIP	EIP.Reg.NMMS.Resource.Construction & UT	11 days	100%	Fri 1/30/09	Fri 2/13/09
509	EIP	EIP.Reg.NMMS.Resource.QA Test	3 days	100%	Mon 2/16/09	Wed 2/18/09
510	EIP	EIP.Reg.NMMS.Resource.Package & deploy changes for IR4/TC2 (????? Testing)	1 day	100%	Thu 2/19/09	Thu 2/19/09
511	**EIP**	**IR4/TC3 Delivery**	**13 days**	**100%**	**Mon 2/16/09**	**Wed 3/4/09**
512	EIP	EIP.REG.NMMS.Resource.Construction & UT	10 days	100%	Mon 2/16/09	Fri 2/27/09
513	EIP	EIP.REG.NMMS.Resource.QA Test	2 days	100%	Mon 3/2/09	Tue 3/3/09
514	EIP	EIP.REG.NMMS.Resource.Package & deploy changes for IR4/TC3 (L1-L4 Testing)	1 day	100%	Wed 3/4/09	Wed 3/4/09
515	EIP	REG-NMMS Delivery Completed	0 days	100%	Wed 3/4/09	Wed 3/4/09
517	**EIP**	**REG-NMMS Defect Management**	**111 days**	**18%**	**Thu 3/5/09**	**Mon 8/10/09**
518	EIP	REG-NMMS Defect Management	111 days	18%	Thu 3/5/09	Mon 8/10/09
519	EIP	REG-NMMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
520	EIP	REG-NMMS EIP Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
521	**EIP**	**Reg - SnB (Initial delivery IR3) - L4 Testing Complete 12/08**	**294 days**	**91%**	**Mon 6/2/08**	**Mon 8/10/09**
522	EIP	EIP.Reg.SnB.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
523	EIP	EIP.Reg.SnB.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
524	EIP	EIP.Reg.SnB.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
525	EIP	EIP.Reg.SnB.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
526	EIP	EIP.Reg.SnB.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
527	EIP	EIP.Reg.SnB.IR4 Enhancement / Defect Support	20 days	100%	Wed 11/12/08	Fri 12/12/08
528	EIP	REG-SnB Delivery Completed	0 days	100%	Fri 12/12/08	Fri 12/12/08
530	**EIP**	**REG-SnB Defect Management**	**159 days**	**85%**	**Mon 12/15/08**	**Mon 8/10/09**
531	EIP	REG-SnB Defect Management	159 days	85%	Mon 12/15/08	Mon 8/10/09
532	EIP	REG-SnB Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
533	EIP	REG-SnB Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
534	EIP	REG Source Adapters Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
535	**EIP**	**SnB Source Adapters**	**295 days**	**60%**	**Sun 6/1/08**	**Mon 8/10/09**
536	**EIP**	**SnB - CRR (all adapters) (Initial delivery IR3)**	**295 days**	**61%**	**Sun 6/1/08**	**Mon 8/10/09**
537	EIP	EIP.SnB.CRR.Resource.Analysis	25 days	100%	Sun 6/1/08	Thu 7/3/08
538	EIP	EIP.SnB.CRR.Resource.Design	25 days	100%	Mon 7/7/08	Fri 8/8/08
539	EIP	EIP.SnB.CRR.Resource.Construction & UT	30 days	100%	Mon 8/11/08	Mon 9/22/08
540	EIP	EIP.SnB.CRR.Resource.QA Test	7 days	100%	Tue 9/23/08	Wed 10/1/08
541	EIP	EIP.SnB.CRR.Resource.Package & deploy to iTest	4 days	100%	Fri 10/10/08	Wed 10/15/08
542	**EIP**	**IR3/TC3 Delivery**	**39 days**	**100%**	**Thu 10/16/08**	**Fri 12/12/08**
543	EIP	EIP.SnB.CRR.Resource.Construction & UT	20 days	100%	Thu 10/16/08	Wed 11/12/08
544	EIP	EIP.SnB.CRR.Resource.QA Test	15 days	100%	Thu 11/13/08	Mon 12/8/08
545	EIP	EIP.SnB.CRR.Resource.Package & deploy changes for IR3/TC3 (L1 Testing)	4 days	100%	Tue 12/9/08	Fri 12/12/08
546	**EIP**	**IR4/TC1 Delivery**	**20 days**	**100%**	**Mon 12/15/08**	**Fri 1/23/09**
547	EIP	EIP.SnB.CRR.Resource.Construction & UT	10 days	100%	Mon 12/15/08	Fri 1/9/09
548	EIP	EIP.SnB.CRR.Resource.QA Test	8 days	100%	Mon 1/12/09	Wed 1/21/09
549	EIP	EIP.SnB.CRR Resource.Package & deploy changes for IR4/TC1 (L4 Testing)	2 days	100%	Thu 1/22/09	Fri 1/23/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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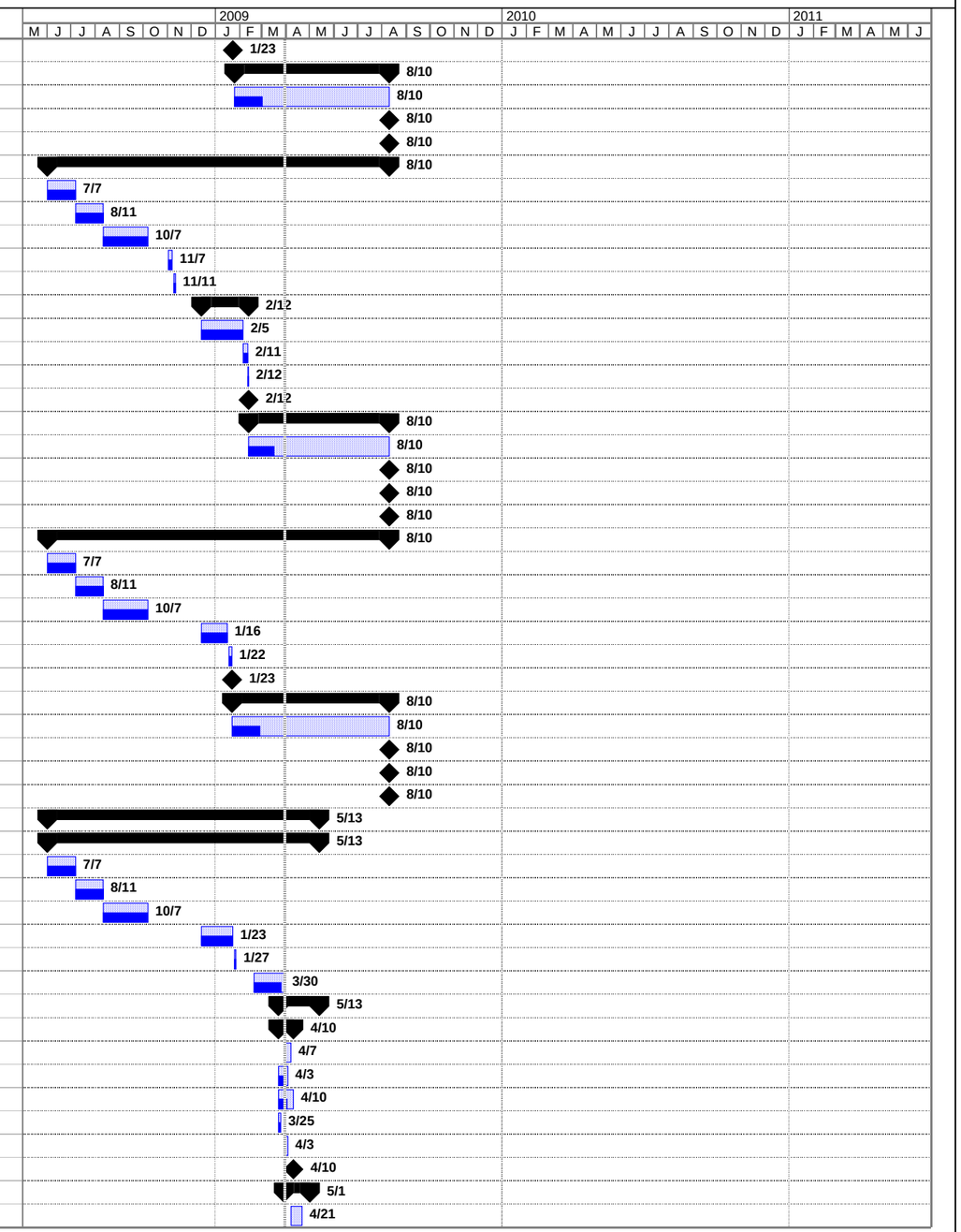
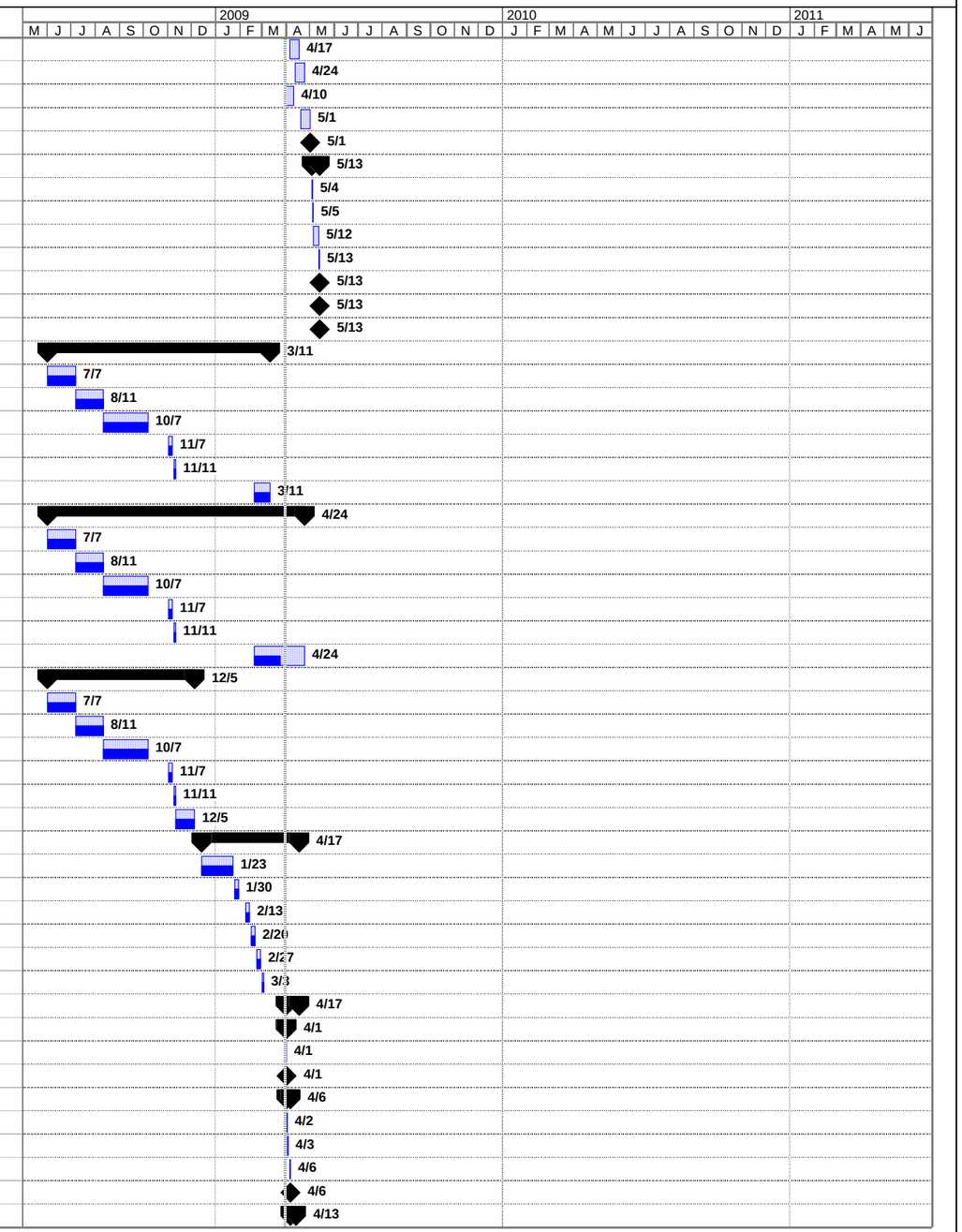
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
550	EIP	SnB-CRR Delivery Completed	0 days	100%	Fri 1/23/09	Fri 1/23/09
552	**EIP**	**SnB-CRR Defect Management**	**139 days**	**18%**	**Mon 1/26/09**	**Mon 8/10/09**
553	EIP	SnB-CRR Defect Management	139 days	18%	Mon 1/26/09	Mon 8/10/09
554	EIP	SnB-CRR Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
555	EIP	SnB-CRR Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
556	**EIP**	**SnB - MMS (Initial delivery IR3)**	**294 days**	**60%**	**Mon 6/2/08**	**Mon 8/10/09**
557	EIP	EIP.SnB.MMS.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
558	EIP	EIP.SnB.MMS.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
559	EIP	EIP.SnB.MMS.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
560	EIP	EIP.SnB.MMS.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
561	EIP	EIP.SnB.MMS.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
562	**EIP**	**IR4/TC1 Delivery**	**34 days**	**100%**	**Mon 12/15/08**	**Thu 2/12/09**
563	EIP	EIP.SnB.MMS.Resource.Construction & UT	29 days	100%	Mon 12/15/08	Thu 2/5/09
564	EIP	EIP.SnB.MMS.Resource.QA Test	4 days	100%	Fri 2/6/09	Wed 2/11/09
565	EIP	EIP.SnB.MMS Resource.Package & deploy changes for IR4/TC1 (L4 Testing)	1 day	100%	Thu 2/12/09	Thu 2/12/09
566	EIP	SnB-MMS Delivery Completed	0 days	100%	Thu 2/12/09	Thu 2/12/09
568	**EIP**	**SnB-MMS Defect Management**	**125 days**	**18%**	**Fri 2/13/09**	**Mon 8/10/09**
569	EIP	SnB-MMS Defect Management	125 days	18%	Fri 2/13/09	Mon 8/10/09
570	EIP	SnB-MMS Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
571	EIP	SnB-MMS Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
572	EIP	SnB Source Adapters Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
573	**EIP**	**Truewind (initial deploy IR4/TC1)**	**294 days**	**54%**	**Mon 6/2/08**	**Mon 8/10/09**
574	EIP	EIP.Truewind.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
575	EIP	EIP.Truewind.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
576	EIP	EIP.Truewind.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
577	EIP	EIP.Truewind.Resource.QA Test	15 days	100%	Mon 12/15/08	Fri 1/16/09
578	EIP	EIP.Truewind.Resource.Package & deploy to iTest	4 days	100%	Mon 1/19/09	Thu 1/22/09
579	EIP	EIP.Truewind.Delivery Completed	0 days	100%	Fri 1/23/09	Fri 1/23/09
580	**EIP**	**EIP.Truewind.Defect Management**	**140 days**	**18%**	**Fri 1/23/09**	**Mon 8/10/09**
581	EIP	EIP.Truewind.Defect Management	140 days	18%	Fri 1/23/09	Mon 8/10/09
582	EIP	EIP.Truewind.Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
583	EIP	TrueWind Adapter Delivery / Defect Management Completed	0 days	0%	Mon 8/10/09	Mon 8/10/09
584	EIP	EIP Adapters Complete	0 days	0%	Mon 8/10/09	Mon 8/10/09
585	**EIP**	**Infrastructure**	**233 days?**	**82%**	**Mon 6/2/08**	**Wed 5/13/09**
586	**EIP**	**Policy Manager**	**233 days**	**65%**	**Mon 6/2/08**	**Wed 5/13/09**
587	EIP	EIP.PolicyMgr.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
588	EIP	EIP.PolicyMgr.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
589	EIP	EIP.PolicyMgr.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
590	EIP	EIP.PolicyMgr.Resource.QA Test	20 days	100%	Mon 12/15/08	Fri 1/23/09
591	EIP	EIP.PolicyMgr.Resource.Package & deploy to iTest	2 days	100%	Mon 1/26/09	Tue 1/27/09
592	EIP	EIP.PolicyMgr.IR4 Enhancement / Defect Support	27 days	90%	Fri 2/20/09	Mon 3/30/09
594	**EIP**	**Policy Manager Enhancements**	**38 days**	**18%**	**Mon 3/23/09**	**Wed 5/13/09**
595	**EIP**	**Policy Manager Enhancements Analysis**	**15 days**	**45%**	**Mon 3/23/09**	**Fri 4/10/09**
596	EIP	New Certificate CRL and validation of API user name from certificate	5 days	0%	Wed 4/1/09	Tue 4/7/09
597	EIP	Dynamic URL Routing for outbound messages	10 days	50%	Mon 3/23/09	Fri 4/3/09
598	EIP	Assess impact for supporting multiple WSRB instances	15 days	60%	Mon 3/23/09	Fri 4/10/09
599	EIP	Database Auditing	3 days	100%	Mon 3/23/09	Wed 3/25/09
600	EIP	Message Size Limitations	5 days	0%	Mon 3/30/09	Fri 4/3/09
601	EIP	Policy Manager Enhancements Analysis Complete	0 days	0%	Fri 4/10/09	Fri 4/10/09
602	**EIP**	**Policy Manager Enhancements Development & Unit Testing**	**25 days**	**0%**	**Mon 3/30/09**	**Fri 5/1/09**
603	EIP	New Certificate CRL and validation of API user name from certificate	10 days	0%	Wed 4/8/09	Tue 4/21/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

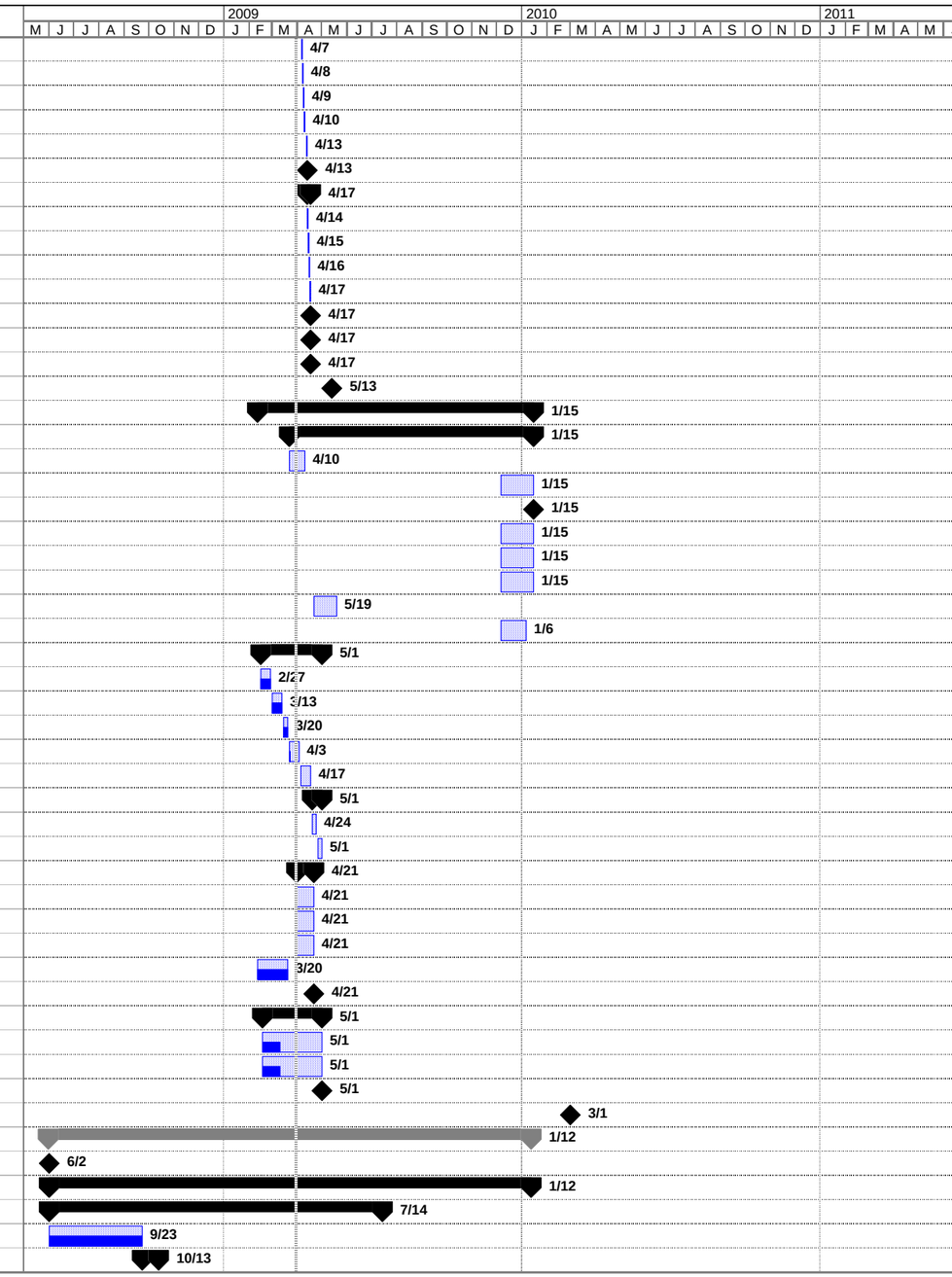
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
604	EIP	Dynamic URL Routing for outbound messages	10 days	0%	Mon 4/6/09	Fri 4/17/09
605	EIP	Assess impact for supporting multiple WSRB instances	10 days	0%	Mon 4/13/09	Fri 4/24/09
606	EIP	Database Auditing	10 days	0%	Mon 3/30/09	Fri 4/10/09
607	EIP	Message Size Limitations	10 days	0%	Mon 4/20/09	Fri 5/1/09
608	EIP	Policy Manager Enhancements Development & Unit Testing Complete	0 days	0%	Fri 5/1/09	Fri 5/1/09
609	**EIP**	**Policy Manager QA Testing & Deployment**	**8 days**	**0%**	**Mon 5/4/09**	**Wed 5/13/09**
610	EIP	Policy Manager Enhancement.Complete MCD	1 day	0%	Mon 5/4/09	Mon 5/4/09
611	EIP	Policy Manager Enhancement.Deploy Bundles to DEV02	1 day	0%	Tue 5/5/09	Tue 5/5/09
612	EIP	Policy Manager Enhancement.QA Testing in DEV02	5 days	0%	Wed 5/6/09	Tue 5/12/09
613	EIP	Policy Manager Enhancement.Submit the MCR to Release Management	1 day	0%	Wed 5/13/09	Wed 5/13/09
614	EIP	Policy Manager QA Testing & Deployment Complete	0 days	0%	Wed 5/13/09	Wed 5/13/09
615	EIP	Policy Manager Enhancements Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
616	EIP	Policy Manager Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
617	**EIP**	**Common Services**	**188 days**	**100%**	**Mon 6/2/08**	**Wed 3/11/09**
618	EIP	EIP.CommonSvcs.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
619	EIP	EIP.CommonSvcs.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
620	EIP	EIP.CommonSvcs.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
621	EIP	EIP.CommonSvcs.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
622	EIP	EIP.CommonSvcs.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
623	EIP	EIP.CommonSvcs.IR4 Enhancement / Defect Support	14 days	100%	Fri 2/20/09	Wed 3/11/09
624	**EIP**	**Monitoring**	**220 days**	**84%**	**Mon 6/2/08**	**Fri 4/24/09**
625	EIP	EIP.Monitoring.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
626	EIP	EIP.Monitoring.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
627	EIP	EIP.Monitoring.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
628	EIP	EIP.Monitoring.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
629	EIP	EIP.Monitoring.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
630	EIP	EIP.Monitoring.Resource.IR4 Enhancement / Defect Support	46 days	50%	Fri 2/20/09	Fri 4/24/09
631	**EIP**	**SmartMapper**	**130 days**	**100%**	**Mon 6/2/08**	**Fri 12/5/08**
632	EIP	EIP.SmartMapper.Resource.Analysis	25 days	100%	Mon 6/2/08	Mon 7/7/08
633	EIP	EIP.SmartMapper.Resource.Design	25 days	100%	Tue 7/8/08	Mon 8/11/08
634	EIP	EIP.SmartMapper.Resource.Construction & UT	40 days	100%	Tue 8/12/08	Tue 10/7/08
635	EIP	EIP.SmartMapper.Resource.QA Test	5 days	100%	Mon 11/3/08	Fri 11/7/08
636	EIP	EIP.SmartMapper.Resource.Package & deploy to iTest	2 days	100%	Mon 11/10/08	Tue 11/11/08
637	EIP	EIP.Smartmapper.Resource.IR Enhancement / Defect Support	15 days	100%	Wed 11/12/08	Fri 12/5/08
638	**EIP**	**Notifications**	**80 days?**	**76%**	**Mon 12/15/08**	**Fri 4/17/09**
639	EIP	EIP.Notifications.Requirements	20 days	100%	Mon 12/15/08	Fri 1/23/09
640	EIP	EIP.Notifications.Analysis	5 days	100%	Mon 1/26/09	Fri 1/30/09
641	EIP	EIP.Notifications.Design	5 days	100%	Mon 2/9/09	Fri 2/13/09
642	EIP	EIP.Notifications.Construction & UT	5 days	100%	Mon 2/16/09	Fri 2/20/09
643	EIP	EIP.Notifications.QA Test	5 days	100%	Mon 2/23/09	Fri 2/27/09
644	EIP	EIP.Notifications.Package & Deploy to iTest	2 days	100%	Mon 3/2/09	Tue 3/3/09
645	**EIP**	**Notifications Re-Design Effort**	**13 days?**	**0%**	**Wed 4/1/09**	**Fri 4/17/09**
646	**EIP**	**Notifications Enhancements Analysis**	**1 day?**	**0%**	**Wed 4/1/09**	**Wed 4/1/09**
647	EIP	Analysis to define message structure	1 day?	0%	Wed 4/1/09	Wed 4/1/09
648	EIP	Notifications Enhancements Analysis Completed	0 days	0%	Wed 4/1/09	Wed 4/1/09
649	**EIP**	**Notifications Enhancements Design**	**3 days?**	**0%**	**Thu 4/2/09**	**Mon 4/6/09**
650	EIP	Design Service Agent	1 day?	0%	Thu 4/2/09	Thu 4/2/09
651	EIP	Design Dispatcher	1 day?	0%	Fri 4/3/09	Fri 4/3/09
652	EIP	Design Distributor	1 day?	0%	Mon 4/6/09	Mon 4/6/09
653	EIP	Notifications Enhancements Design Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
654	**EIP**	**Notifications Enhancements Development & Unit Test**	**5 days?**	**0%**	**Tue 4/7/09**	**Mon 4/13/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
655	EIP	Develop Service Agent	1 day?	0%	Tue 4/7/09	Tue 4/7/09
656	EIP	Develop Dispatcher	1 day?	0%	Wed 4/8/09	Wed 4/8/09
657	EIP	Develop Distributor	1 day?	0%	Thu 4/9/09	Thu 4/9/09
658	EIP	Develop Message Structure	1 day?	0%	Fri 4/10/09	Fri 4/10/09
659	EIP	Develop cut-over approach	1 day?	0%	Mon 4/13/09	Mon 4/13/09
660	EIP	Notifications Enhancements Development & Unit Test Complete	0 days	0%	Mon 4/13/09	Mon 4/13/09
661	**EIP**	**Notifications Enhancements QA Testing & Deployment**	**4 days?**	**0%**	**Tue 4/14/09**	**Fri 4/17/09**
662	EIP	Notifications Enhancements Enhancement.Complete MCD	1 day?	0%	Tue 4/14/09	Tue 4/14/09
663	EIP	Notifications Enhancements Enhancement.Deploy Bundles to DEV02	1 day?	0%	Wed 4/15/09	Wed 4/15/09
664	EIP	Notifications Enhancements Enhancement.QA Testing in DEV02	1 day?	0%	Thu 4/16/09	Thu 4/16/09
665	EIP	Notifications Enhancements Enhancement.Submit the MCR to Release Management	1 day?	0%	Fri 4/17/09	Fri 4/17/09
666	EIP	Notifications Enhancements QA Testing & Deployment Complete	0 days	0%	Fri 4/17/09	Fri 4/17/09
667	EIP	Notifications Re-Design Effort Completed	0 days	0%	Fri 4/17/09	Fri 4/17/09
668	EIP	Notifications Completed	0 days	0%	Fri 4/17/09	Fri 4/17/09
669	EIP	Infrastructure Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
670	**EIP**	**Operations Support**	**226 days**	**21%**	**Thu 2/12/09**	**Fri 1/15/10**
671	**EIP**	**Global Variables**	**199 days**	**0%**	**Mon 3/23/09**	**Fri 1/15/10**
672	EIP	Document Global variables per Project	15 days	0%	Mon 3/23/09	Fri 4/10/09
673	EIP	Refine use of Global variables in BW projects	20 days	0%	Mon 12/7/09	Fri 1/15/10
674	EIP	Global Variables Complete	0 days	0%	Fri 1/15/10	Fri 1/15/10
675	EIP	getSystemStatus functionality	20 days	0%	Mon 12/7/09	Fri 1/15/10
676	EIP	Standardize use of BP Code	20 days	0%	Mon 12/7/09	Fri 1/15/10
677	EIP	Design and implement error messaage cross-reference	20 days	0%	Mon 12/7/09	Fri 1/15/10
678	EIP	Demo GEH and GAL products	20 days	0%	Wed 4/22/09	Tue 5/19/09
679	EIP	Design and prototype Ops support tools for EWS	13 days	0%	Mon 12/7/09	Wed 1/6/10
680	**EIP**	**Adapter consolidation to simplify deployments**	**55 days**	**47%**	**Mon 2/16/09**	**Fri 5/1/09**
681	EIP	CRR consolidation	10 days	100%	Mon 2/16/09	Fri 2/27/09
682	EIP	CMM consolidation	10 days	100%	Mon 3/2/09	Fri 3/13/09
683	EIP	SnB Consolidation	5 days	100%	Mon 3/16/09	Fri 3/20/09
684	EIP	NMMS consolidation	10 days	10%	Mon 3/23/09	Fri 4/3/09
685	EIP	REG consolidation	10 days	0%	Mon 4/6/09	Fri 4/17/09
686	**EIP**	**MMS consolidation**	**10 days**	**0%**	**Mon 4/20/09**	**Fri 5/1/09**
687	EIP	EWS MMS adapter	5 days	0%	Mon 4/20/09	Fri 4/24/09
688	EIP	Non-EWS MMS adapter	5 days	0%	Mon 4/27/09	Fri 5/1/09
689	**EIP**	**Adapter Republishing logic Enhamcement**	**15 days**	**0%**	**Wed 4/1/09**	**Tue 4/21/09**
690	EIP	Republishing logic for CMM data flows	15 days	0%	Wed 4/1/09	Tue 4/21/09
691	EIP	Republishing logic for CRR data flows	15 days	0%	Wed 4/1/09	Tue 4/21/09
692	EIP	Republishing Logic for CRR Ownership data	15 days	0%	Wed 4/1/09	Tue 4/21/09
693	EIP	Suppport of Blue Building iTest environment	27 days	100%	Thu 2/12/09	Fri 3/20/09
694	EIP	Operations Support Completed	0 days	0%	Tue 4/21/09	Tue 4/21/09
695	**EIP**	**Deployment Planning**	**53 days**	**30%**	**Wed 2/18/09**	**Fri 5/1/09**
696	EIP	Develop component deployment plan	53 days	30%	Wed 2/18/09	Fri 5/1/09
697	EIP	Address EIF database availability	53 days	30%	Wed 2/18/09	Fri 5/1/09
698	EIP	Deployment Planning Complete	0 days	0%	Fri 5/1/09	Fri 5/1/09
699	EIP	EIP Project Ended	0 days	0%	Mon 3/1/10	Mon 3/1/10
12	**Nodal IPS**	**INT - Infrastructure & Systems Integration**	**392 days**	**58%**	**Sun 6/1/08**	**Tue 1/12/10**
1	INT	INT Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
2	**INF**	**Infrastructure Deliverables**	**391 days**	**51%**	**Mon 6/2/08**	**Tue 1/12/10**
3	**INF**	**Build & turn over hardware**	**275 days**	**77%**	**Mon 6/2/08**	**Tue 7/14/09**
4	INF	Achieve power & installation goals for nodal hardware	80 days	100%	Mon 6/2/08	Tue 9/23/08
5	**INF**	**Build iTest EIP**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**

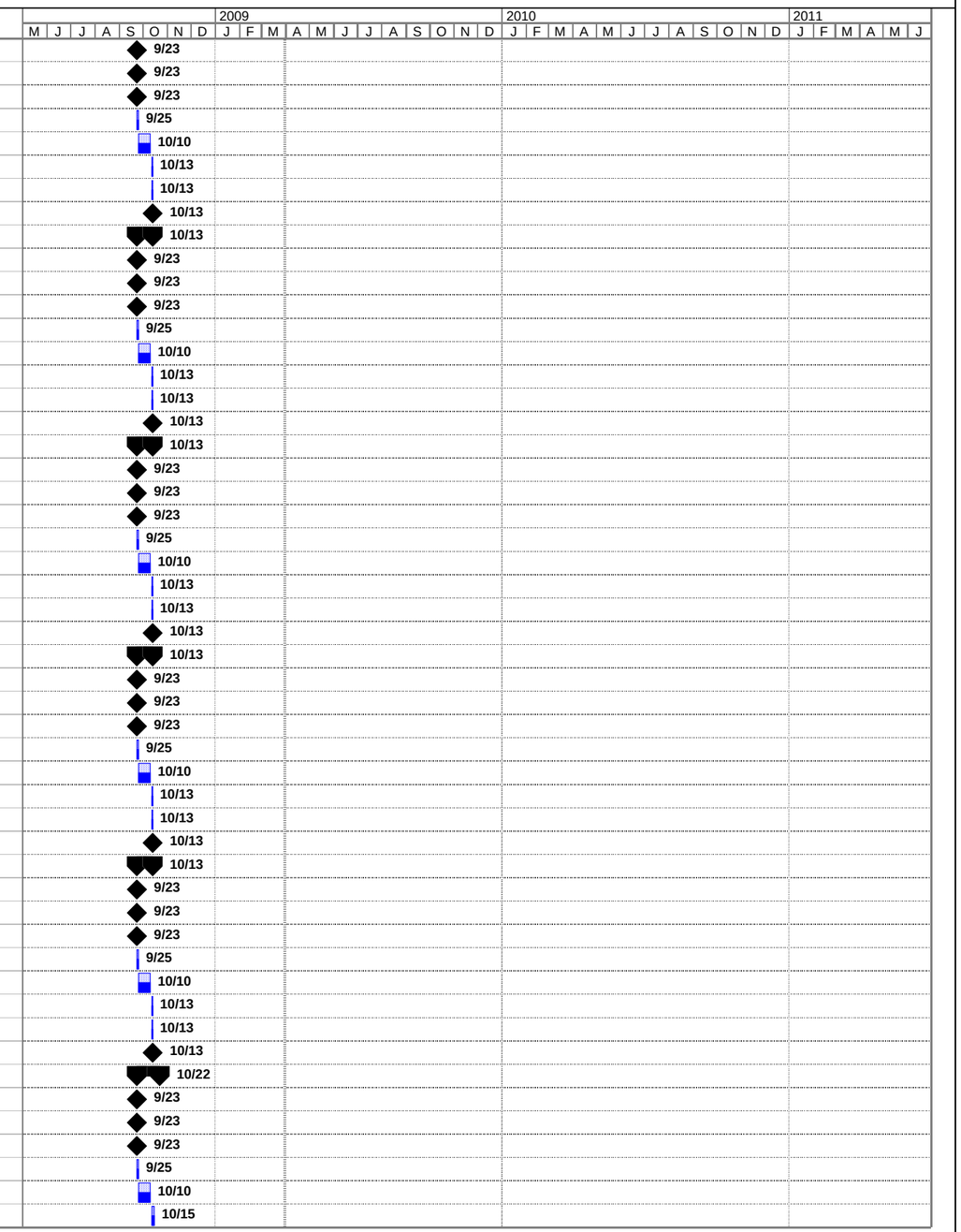


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
6	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
7	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
8	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
9	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
10	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
11	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
12	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
13	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
14	**INF**	**Build iTest RTR**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
15	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
16	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
17	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
18	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
19	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
20	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
21	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
22	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
23	**INF**	**Build iTest MIS**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
24	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
25	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
26	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
27	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
28	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
29	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
30	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
31	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
32	**INF**	**Build iTest NMMS**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
33	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
34	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
35	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
36	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
37	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
38	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
39	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
40	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
41	**INF**	**Build EDS-Taylor EIP**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
42	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
43	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
44	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
45	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
46	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
47	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
48	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
49	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
50	**INF**	**Build EDS-Taylor MIS**	**21 days**	**100%**	**Tue 9/23/08**	**Wed 10/22/08**
51	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
52	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
53	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
54	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
55	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
56	INF	Implement Node-to-Node network connections	3 days	100%	Mon 10/13/08	Wed 10/15/08

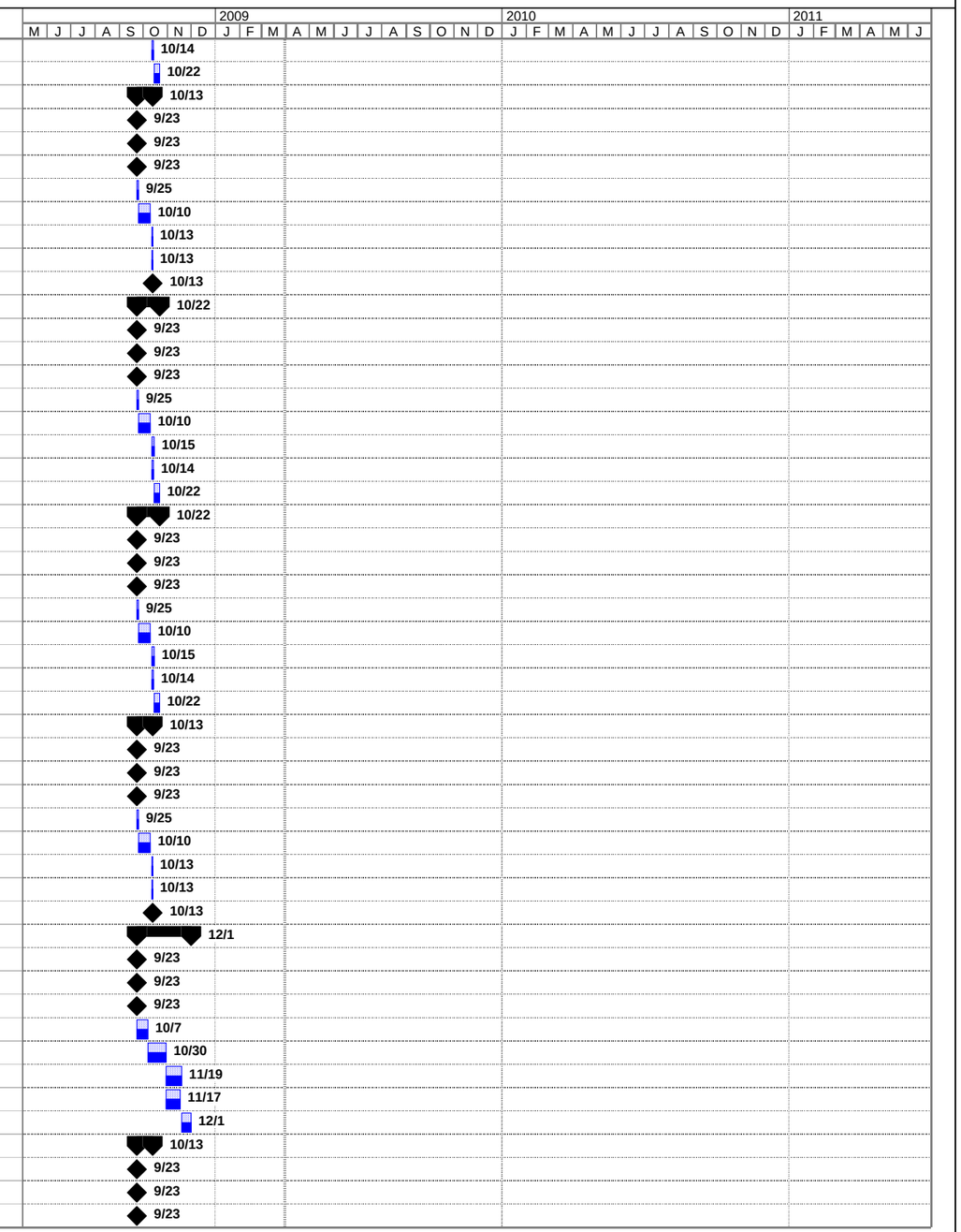


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

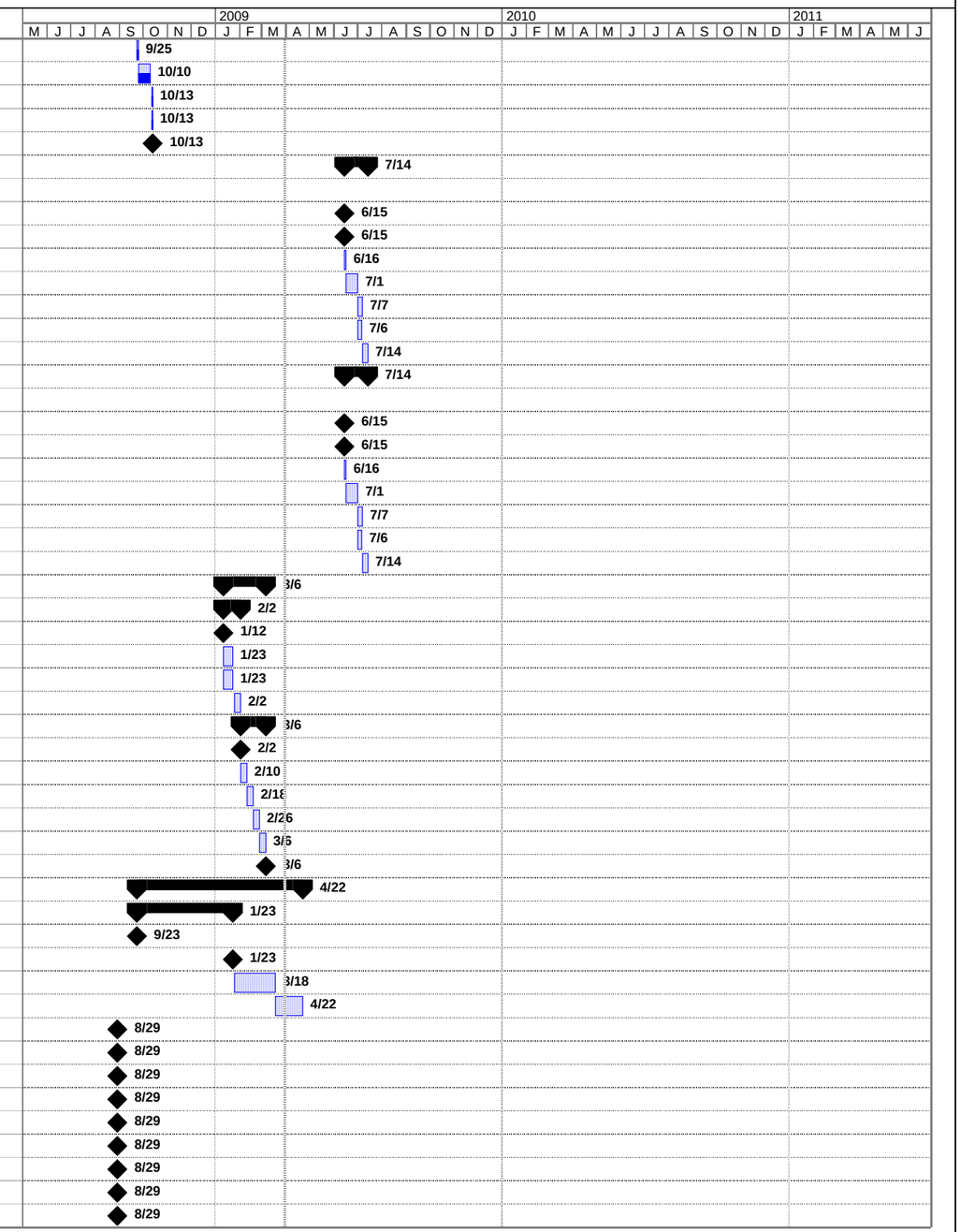
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
57	INF	Implement user access	2 days	100%	Mon 10/13/08	Tue 10/14/08
58	INF	Install application through release management	5 days	100%	Thu 10/16/08	Wed 10/22/08
59	**INF**	**Build EDS-Taylor NMMS**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
60	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
61	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
62	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
63	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
64	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
65	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
66	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
67	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
68	**INF**	**Build EDS-Austin CMM**	**21 days**	**100%**	**Tue 9/23/08**	**Wed 10/22/08**
69	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
70	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
71	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
72	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
73	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
74	INF	Implement Node-to-Node network connections	3 days	100%	Mon 10/13/08	Wed 10/15/08
75	INF	Implement user access	2 days	100%	Mon 10/13/08	Tue 10/14/08
76	INF	Install application through release management	5 days	100%	Thu 10/16/08	Wed 10/22/08
77	**INF**	**Build EDS-Austin LodeStar**	**21 days**	**100%**	**Tue 9/23/08**	**Wed 10/22/08**
78	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
79	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
80	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
81	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
82	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
83	INF	Implement Node-to-Node network connections	3 days	100%	Mon 10/13/08	Wed 10/15/08
84	INF	Implement user access	2 days	100%	Mon 10/13/08	Tue 10/14/08
85	INF	Install application through release management	5 days	100%	Thu 10/16/08	Wed 10/22/08
86	**INF**	**Build EDS-Austin MIS**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
87	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
88	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
89	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
90	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
91	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
92	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
93	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
94	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
95	**INF**	**Build EDS-Austin MPIM**	**46 days**	**100%**	**Tue 9/23/08**	**Mon 12/1/08**
96	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
97	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
98	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08
99	INF	Review & Approve Technical Architecture document	10 days	100%	Wed 9/24/08	Tue 10/7/08
100	INF	Build server to OS standard level (Remedy Flow)	17 days	100%	Wed 10/8/08	Thu 10/30/08
102	INF	Implement Node-to-Node network connections	14 days	100%	Fri 10/31/08	Wed 11/19/08
103	INF	Implement user access	12 days	100%	Fri 10/31/08	Mon 11/17/08
104	INF	Install application through release management	5 days	100%	Thu 11/20/08	Mon 12/1/08
105	**INF**	**Build EDS-Austin NMMS**	**14 days**	**100%**	**Tue 9/23/08**	**Mon 10/13/08**
106	**INF**	**Receive required inputs**	**0 days**	**100%**	**Tue 9/23/08**	**Tue 9/23/08**
107	INF	Receive Techanical Architecture Document from Project Team	0 days	100%	Tue 9/23/08	Tue 9/23/08
108	INF	System Build Requiremetns Complete	0 days	100%	Tue 9/23/08	Tue 9/23/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
109	INF	Review & Approve Technical Architecture document	2 days	100%	Wed 9/24/08	Thu 9/25/08
110	INF	Build server to OS standard level (Remedy Flow)	11 days	100%	Fri 9/26/08	Fri 10/10/08
111	INF	Implement Node-to-Node network connections	1 day	100%	Mon 10/13/08	Mon 10/13/08
112	INF	Implement user access	1 day	100%	Mon 10/13/08	Mon 10/13/08
113	INF	Install application through release management	0 days	100%	Mon 10/13/08	Mon 10/13/08
114	**INF**	**Build MOTE**	**21 days**	**0%**	**Mon 6/15/09**	**Tue 7/14/09**
115	**INF**	**Receive required inputs**	**0 days**	**0%**	**Mon 6/15/09**	**Mon 6/15/09**
117	INF	Receive MMS4 Patch 5 from MMS	0 days	0%	Mon 6/15/09	Mon 6/15/09
118	INF	System Build Requiremetns Complete	0 days	0%	Mon 6/15/09	Mon 6/15/09
119	INF	Review & Approve Technical Architecture document	2 days	0%	Mon 6/15/09	Tue 6/16/09
120	INF	Build server to OS standard level (Remedy Flow)	11 days	0%	Wed 6/17/09	Wed 7/1/09
121	INF	Implement Node-to-Node network connections	3 days	0%	Thu 7/2/09	Tue 7/7/09
122	INF	Implement user access	2 days	0%	Thu 7/2/09	Mon 7/6/09
123	INF	Install application through release management	5 days	0%	Wed 7/8/09	Tue 7/14/09
124	**INF**	**Build SOTE**	**21 days**	**0%**	**Mon 6/15/09**	**Tue 7/14/09**
125	**INF**	**Receive required inputs**	**0 days**	**0%**	**Mon 6/15/09**	**Mon 6/15/09**
126	INF	Receive Techanical Architecture Document from Project Team	0 days	0%	Mon 6/15/09	Mon 6/15/09
127	INF	System Build Requiremetns Complete	0 days	0%	Mon 6/15/09	Mon 6/15/09
128	INF	Review & Approve Technical Architecture document	2 days	0%	Mon 6/15/09	Tue 6/16/09
129	INF	Build server to OS standard level (Remedy Flow)	11 days	0%	Wed 6/17/09	Wed 7/1/09
130	INF	Implement Node-to-Node network connections	3 days	0%	Thu 7/2/09	Tue 7/7/09
131	INF	Implement user access	2 days	0%	Thu 7/2/09	Mon 7/6/09
132	INF	Install application through release management	5 days	0%	Wed 7/8/09	Tue 7/14/09
133	**INF**	**Realign servers into Final High Availability Configuraiton**	**40 days**	**0%**	**Mon 1/12/09**	**Fri 3/6/09**
134	**INF**	**Build HA Configurations EDS Taylor**	**16 days**	**0%**	**Mon 1/12/09**	**Mon 2/2/09**
135	INF	Program External - Power Capcity Availabilty Complete	0 days	0%	Mon 1/12/09	Mon 1/12/09
136	INF	Build HA Config Taylor CMM	10 days	0%	Mon 1/12/09	Fri 1/23/09
137	INF	Build HA Config Taylor EIP	10 days	0%	Mon 1/12/09	Fri 1/23/09
138	INF	Build HA Config Taylor MPIM	6 days	0%	Mon 1/26/09	Mon 2/2/09
139	**INF**	**Build HA Configurations EDS Austin**	**24 days**	**0%**	**Mon 2/2/09**	**Fri 3/6/09**
140	INF	Program External - Power & Space Capcity Availabilty Complete	0 days	0%	Mon 2/2/09	Mon 2/2/09
141	INF	Build HA Config Austin LodeStar	6 days	0%	Tue 2/3/09	Tue 2/10/09
142	INF	Build HA Config Austin EIP	6 days	0%	Wed 2/11/09	Wed 2/18/09
143	INF	Build HA Config Austin MMS	6 days	0%	Thu 2/19/09	Thu 2/26/09
144	INF	Build HA Config Austin CRR	6 days	0%	Fri 2/27/09	Fri 3/6/09
145	INF	Deliver Build HA Config Austin NMMS to EDS	0 days	0%	Fri 3/6/09	Fri 3/6/09
146	**INF**	**Develop system performance models**	**138 days**	**0%**	**Tue 9/23/08**	**Wed 4/22/09**
147	**INF**	**Receive System Performancd Model Inputs**	**75 days**	**0%**	**Tue 9/23/08**	**Fri 1/23/09**
148	INF	Receive HPOV OS level monitoring	0 days	100%	Tue 9/23/08	Tue 9/23/08
149	INF	Receive Applications integrtated to Level 2	0 days	0%	Fri 1/23/09	Fri 1/23/09
150	INF	Develop Model	38 days	0%	Mon 1/26/09	Wed 3/18/09
151	INF	Operate Model	25 days	0%	Thu 3/19/09	Wed 4/22/09
152	**INF**	**Implement & test disaster recovery**	**0 days**	**0%**	**Fri 8/29/08**	**Fri 8/29/08**
153	**INF**	**Receive Required Inputs**	**0 days**	**0%**	**Fri 8/29/08**	**Fri 8/29/08**
154	INF	Business requirements complete	0 days	0%	Fri 8/29/08	Fri 8/29/08
155	INF	HPOV Framework complete	0 days	0%	Fri 8/29/08	Fri 8/29/08
156	INF	OS level monitoring (CPU, mem, Disk, Network)	0 days	0%	Fri 8/29/08	Fri 8/29/08
157	INF	Application failover groups defined	0 days	0%	Fri 8/29/08	Fri 8/29/08
158	INF	Application designed to loadbalance or failover	0 days	0%	Fri 8/29/08	Fri 8/29/08
159	INF	Allocate budget to proejct	0 days	0%	Fri 8/29/08	Fri 8/29/08
160	INF	primary & secondary systems complete & functional (Primary Site)	0 days	0%	Fri 8/29/08	Fri 8/29/08

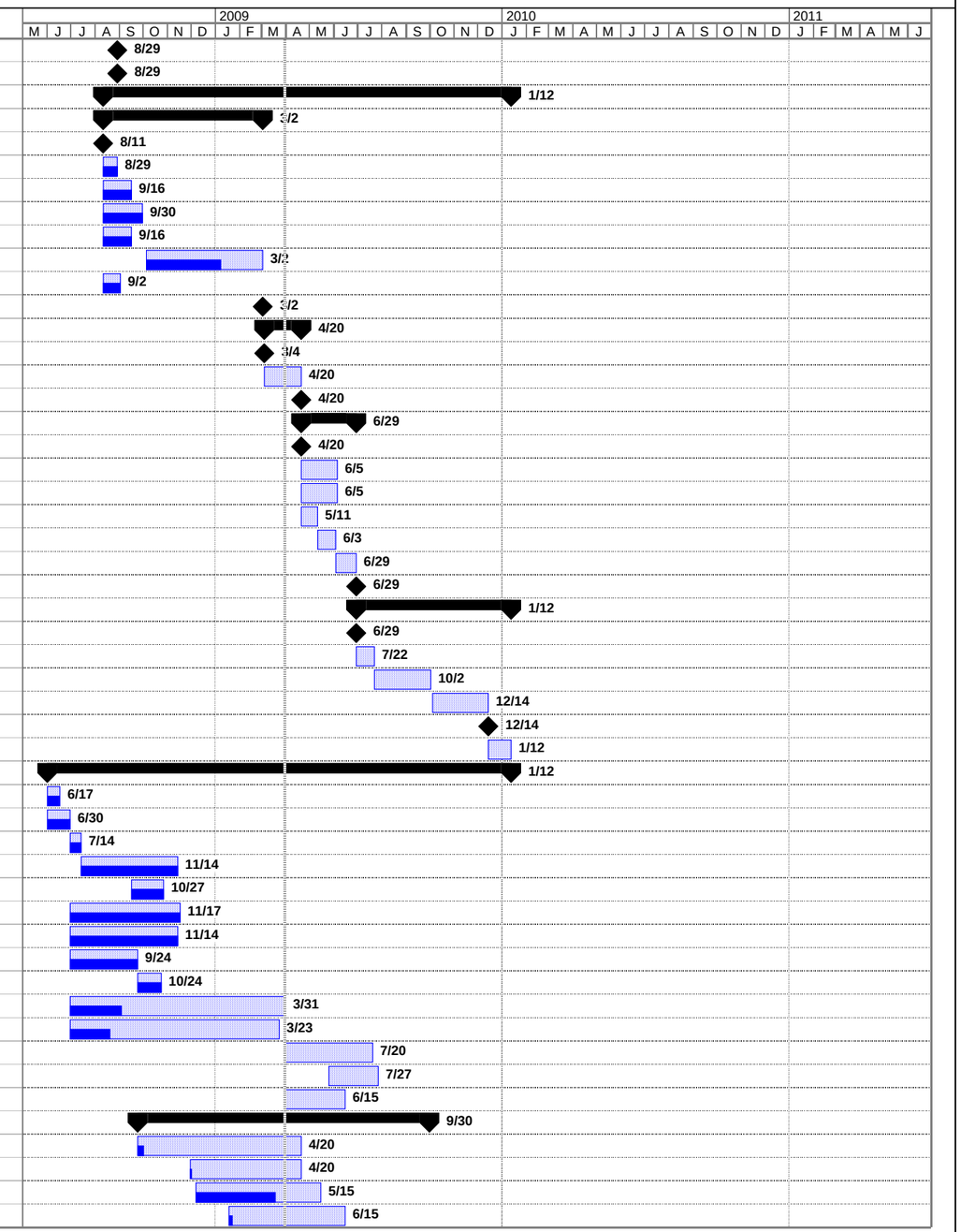


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

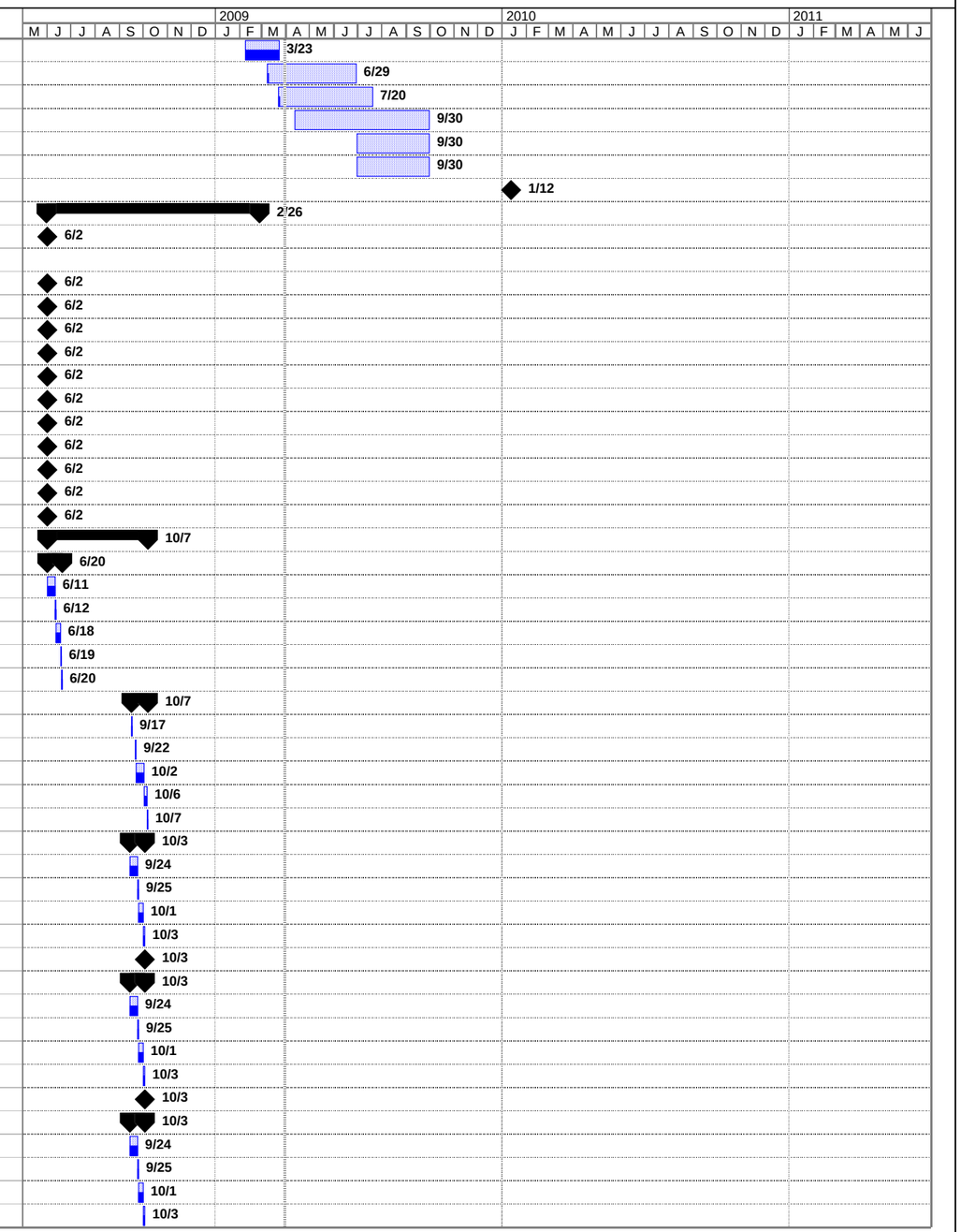
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
161	INF	Primary & secondary systems complete & functional (backup site)	0 days	0%	Fri 8/29/08	Fri 8/29/08
162	INF	Disaster Recovery Inputs complete	0 days	0%	Fri 8/29/08	Fri 8/29/08
163	**INF**	**Infrastructure Cycles**	**341 days**	**35%**	**Mon 8/11/08**	**Tue 1/12/10**
164	**INF**	**Release 2.0 Cycle**	**131 days**	**82%**	**Mon 8/11/08**	**Mon 3/2/09**
165	INF	Release 2.0 Cycle Start	0 days	100%	Mon 8/11/08	Mon 8/11/08
166	INF	Redundancy Requirements Review	14 days	100%	Tue 8/12/08	Fri 8/29/08
167	INF	Verify Fail Over requirements	25 days	100%	Tue 8/12/08	Tue 9/16/08
168	INF	Build out Blue Building DC for all iTest	35 days	100%	Tue 8/12/08	Tue 9/30/08
169	INF	Security Requirements Finalized	25 days	100%	Tue 8/12/08	Tue 9/16/08
170	INF	Monitoring requirements Begin	93 days	60%	Mon 10/6/08	Mon 3/2/09
171	INF	Verify LDAP Clean up Requirements	15 days	100%	Tue 8/12/08	Tue 9/2/08
172	INF	Release Cycle 2.0 complete	0 days	0%	Mon 3/2/09	Mon 3/2/09
173	**INF**	**Release 3.0 Cycle**	**33 days**	**0%**	**Wed 3/4/09**	**Mon 4/20/09**
174	INF	Release Cycle 3.0 Start	0 days	0%	Wed 3/4/09	Wed 3/4/09
175	INF	Develop Monitoring Systems	33 days	0%	Thu 3/5/09	Mon 4/20/09
176	INF	Release 3.0 cycle Complete	0 days	0%	Mon 4/20/09	Mon 4/20/09
177	**INF**	**Release 4.0 Cycle**	**49 days**	**0%**	**Mon 4/20/09**	**Mon 6/29/09**
178	INF	Release Cycle 4.0 Start	0 days	0%	Mon 4/20/09	Mon 4/20/09
179	INF	Execute on Blue Building Build out	33 days	0%	Tue 4/21/09	Fri 6/5/09
180	INF	Develop Monitoring Systems	33 days	0%	Tue 4/21/09	Fri 6/5/09
181	INF	Document Run Book Requirements	15 days	0%	Tue 4/21/09	Mon 5/11/09
182	INF	Develop Run Book	16 days	0%	Tue 5/12/09	Wed 6/3/09
183	INF	Run book Testing	18 days	0%	Thu 6/4/09	Mon 6/29/09
184	INF	Release 4.0 cycle Complete	0 days	0%	Mon 6/29/09	Mon 6/29/09
185	**INF**	**Release 5.0 Cycle**	**126 days**	**0%**	**Mon 6/29/09**	**Tue 1/12/10**
186	INF	Release Cycle 5.0 Start	0 days	0%	Mon 6/29/09	Mon 6/29/09
187	INF	Develop Run Book	16 days	0%	Tue 6/30/09	Wed 7/22/09
188	INF	Run book Testing	51 days	0%	Thu 7/23/09	Fri 10/2/09
189	INF	Run Book Bug Fix	48 days	0%	Mon 10/5/09	Mon 12/14/09
190	INF	Release 5.0 cycle Complete	0 days	0%	Mon 12/14/09	Mon 12/14/09
191	INF	Data clean up prior to production	11 days	0%	Tue 12/15/09	Tue 1/12/10
192	**INF**	**Release Management Deliverables**	**391 days**	**34%**	**Mon 6/2/08**	**Tue 1/12/10**
193	INF	CDR RM automation	12 days	100%	Mon 6/2/08	Tue 6/17/08
194	INF	CRR RM automation	21 days	100%	Mon 6/2/08	Mon 6/30/08
195	INF	MPIM RM Automation	9 days	100%	Tue 7/1/08	Mon 7/14/08
196	INF	OS RIM Automation	88 days	100%	Tue 7/15/08	Fri 11/14/08
197	INF	MIS MMS UI & OS UI RM automation	29 days	100%	Wed 9/17/08	Mon 10/27/08
198	INF	DBA script automation	98 days	100%	Tue 7/1/08	Mon 11/17/08
199	INF	MMS RM automation	97 days	100%	Tue 7/1/08	Fri 11/14/08
200	INF	NMMS RM automation	60 days	100%	Tue 7/1/08	Wed 9/24/08
201	INF	NMMS RM automation Vertication (for next deployment)	22 days	100%	Thu 9/25/08	Fri 10/24/08
202	INF	EIP RM automation	181 days	25%	Tue 7/1/08	Tue 3/31/09
203	INF	EMS RM automation	175 days	20%	Tue 7/1/08	Mon 3/23/09
204	INF	CMM RM automation	77 days	0%	Wed 4/1/09	Mon 7/20/09
205	INF	S&B RM automation	44 days	0%	Tue 5/26/09	Mon 7/27/09
206	INF	FT RM automation	53 days	0%	Wed 4/1/09	Mon 6/15/09
207	**INF**	**Retail RM automation**	**249 days**	**14%**	**Thu 9/25/08**	**Wed 9/30/09**
208	INF	Retail RM automation - TIBCO (except MarkeTrak)	135 days	4%	Thu 9/25/08	Mon 4/20/09
209	INF	Retail RM automation - TIBCO (MarkeTrak)	91 days	2%	Mon 12/1/08	Mon 4/20/09
210	INF	Retail RM automation - TML Retail	105 days	60%	Mon 12/8/08	Fri 5/15/09
211	INF	Retail RM automation - MarkeTrak	105 days	4%	Mon 1/19/09	Mon 6/15/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
Task Progress | Milestone | Rolled Up Critical Task | Split | Group By Summary
Critical Task (20d) | Summary | Rolled Up Milestone | External Tasks | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
212	INF	Retail RM automation - NAESB	31 days	100%	Mon 2/9/09	Mon 3/23/09
213	INF	Retail RM automation - Paperfree	80 days	2%	Mon 3/9/09	Mon 6/29/09
214	INF	Retail RM automation - ETS	84 days	2%	Mon 3/23/09	Mon 7/20/09
215	INF	Retail RM automation - Siebel	120 days	0%	Mon 4/13/09	Wed 9/30/09
216	INF	EIS/EDW RM Automation	64 days	0%	Wed 7/1/09	Wed 9/30/09
217	INF	CMM Automation	64 days	0%	Wed 7/1/09	Wed 9/30/09
218	INF	End of INF Schedule	0 days	0%	Tue 1/12/10	Tue 1/12/10
219	**INT**	**Systems Integration Deliverables**	**180 days**	**100%**	**Sun 6/1/08**	**Thu 2/26/09**
220	**INT**	**Completed Deliverables**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
221	**INT**	**Project FAT Testing**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
222	INT	CRR1 FAT Testing Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
223	INT	CRR2 FAT Testing Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
224	INT	CMM1 FAT Testing Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
225	INT	CMM2 FAT Testing Complete	0 days	100%	Mon 6/2/08	Mon 6/2/08
226	**INT**	**Integration Testing Tools**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
227	INT	OS Submission V1	0 days	100%	Mon 6/2/08	Mon 6/2/08
228	**INT**	**EIP Web Services Testing**	**0 days**	**100%**	**Mon 6/2/08**	**Mon 6/2/08**
229	INT	EWStoAWST	0 days	100%	Mon 6/2/08	Mon 6/2/08
230	INT	EWStoMMS	0 days	100%	Mon 6/2/08	Mon 6/2/08
231	INT	EWStoOS	0 days	100%	Mon 6/2/08	Mon 6/2/08
232	INT	CDR Web Services	0 days	100%	Mon 6/2/08	Mon 6/2/08
233	**INT**	**Nodal Integration Release Planning**	**90 days**	**100%**	**Mon 6/2/08**	**Tue 10/7/08**
234	**INT**	**Integrated Release 1.0 Definition**	**15 days**	**100%**	**Mon 6/2/08**	**Fri 6/20/08**
235	INT	Document Initial Release Concepts	8 days	100%	Mon 6/2/08	Wed 6/11/08
236	INT	Meet w/ Project SME's to align Release across projects	1 day	100%	Thu 6/12/08	Thu 6/12/08
237	INT	Follow-up meetings & Documentation	4 days	100%	Fri 6/13/08	Wed 6/18/08
238	INT	Meet w/ Project SME's to finalize Release	1 day	100%	Thu 6/19/08	Thu 6/19/08
239	INT	Finalize Release 1.0 Document for Distribution	1 day	100%	Fri 6/20/08	Fri 6/20/08
240	**INT**	**Integrated Release 2.0 Definition**	**15 days**	**100%**	**Wed 9/17/08**	**Tue 10/7/08**
241	INT	Document Initial Release Concepts	1 day	100%	Wed 9/17/08	Wed 9/17/08
242	INT	Meet w/ Project SME's to align Release across projects	1 day	100%	Mon 9/22/08	Mon 9/22/08
243	INT	Follow-up meetings & Documentation	8 days	100%	Tue 9/23/08	Thu 10/2/08
244	INT	Meet w/ Project SME's to finalize Release	2 days	100%	Fri 10/3/08	Mon 10/6/08
245	INT	Release 2.0 Initial Target Defined / Distributed	1 day	100%	Tue 10/7/08	Tue 10/7/08
246	**INT**	**Integrated Release 3.0 Definition**	**15 days**	**100%**	**Mon 9/15/08**	**Fri 10/3/08**
247	INT	Document Initial Release Concepts	8 days	100%	Mon 9/15/08	Wed 9/24/08
248	INT	Meet w/ Project SME's to align Release across projects	1 day	100%	Thu 9/25/08	Thu 9/25/08
249	INT	Follow-up meetings & Documentation	4 days	100%	Fri 9/26/08	Wed 10/1/08
250	INT	Meet w/ Project SME's to finalize Release	2 days	100%	Thu 10/2/08	Fri 10/3/08
251	INT	Release 3.0 Initial Target Defined / Distributed	0 days	100%	Fri 10/3/08	Fri 10/3/08
252	**INT**	**Integrated Release 4.0 Definition**	**15 days**	**100%**	**Mon 9/15/08**	**Fri 10/3/08**
253	INT	Document Initial Release Concepts	8 days	100%	Mon 9/15/08	Wed 9/24/08
254	INT	Meet w/ Project SME's to align Release across projects	1 day	100%	Thu 9/25/08	Thu 9/25/08
255	INT	Follow-up meetings & Documentation	4 days	100%	Fri 9/26/08	Wed 10/1/08
256	INT	Meet w/ Project SME's to finalize Release	2 days	100%	Thu 10/2/08	Fri 10/3/08
257	INT	Release 4.0 Initial Target Defined / Distributed	0 days	100%	Fri 10/3/08	Fri 10/3/08
258	**INT**	**Integrated Release 5.0 Definition**	**15 days**	**100%**	**Mon 9/15/08**	**Fri 10/3/08**
259	INT	Document Initial Release Concepts	8 days	100%	Mon 9/15/08	Wed 9/24/08
260	INT	Meet w/ Project SME's to align Release across projects	1 day	100%	Thu 9/25/08	Thu 9/25/08
261	INT	Follow-up meetings & Documentation	4 days	100%	Fri 9/26/08	Wed 10/1/08
262	INT	Meet w/ Project SME's to finalize Release	2 days	100%	Thu 10/2/08	Fri 10/3/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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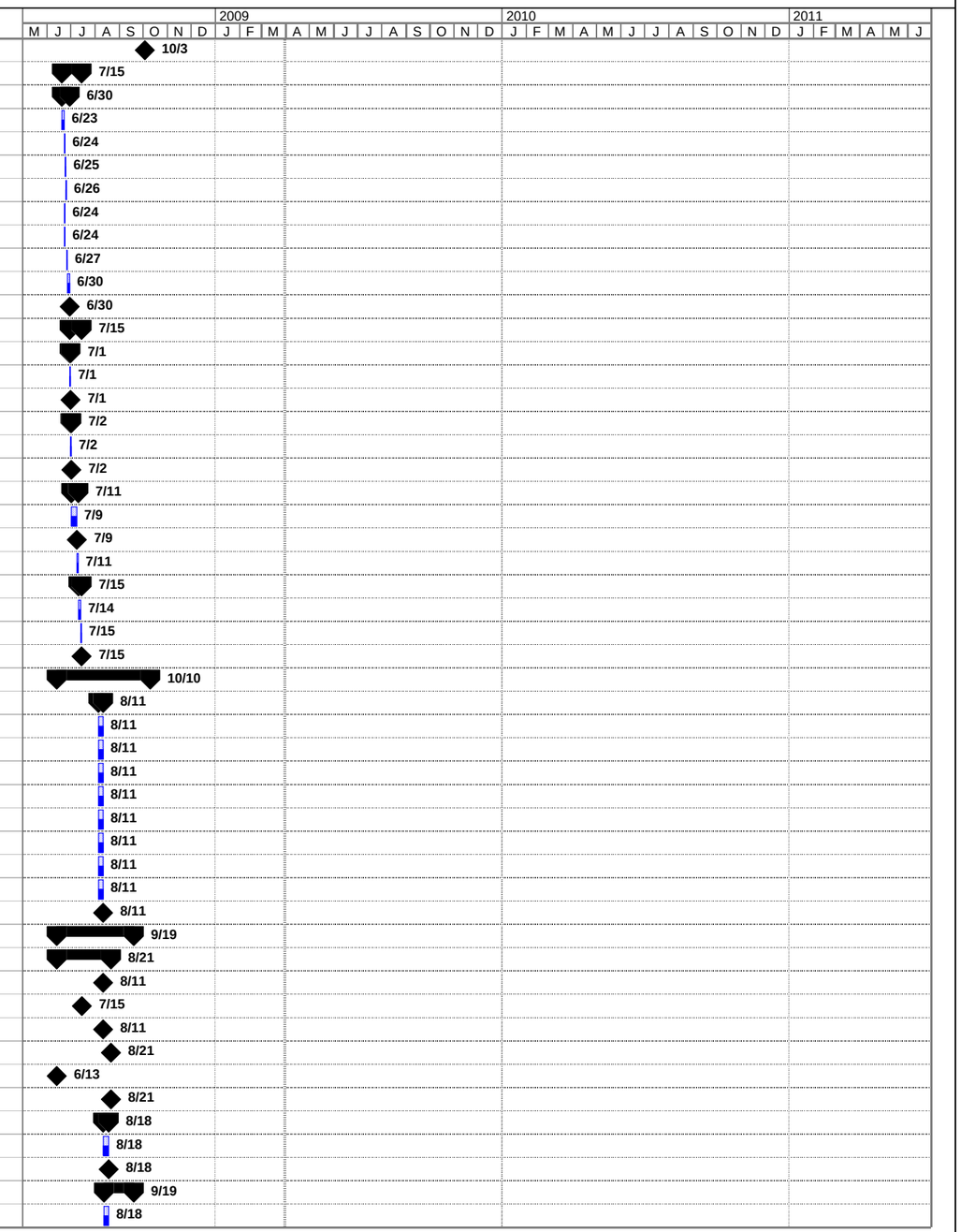
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
263	INT	Release 5.0 Initial Target Defined / Distributed	0 days	100%	Fri 10/3/08	Fri 10/3/08
264	**INT**	**Integrated Release 1 (IR1)**	**16 days**	**100%**	**Fri 6/20/08**	**Tue 7/15/08**
265	**INT**	**Plan Release 1 Testing**	**6 days**	**100%**	**Fri 6/20/08**	**Mon 6/30/08**
266	INT	Document Release Goals	1 day	100%	Fri 6/20/08	Mon 6/23/08
267	INT	Verify software versions/drops for Release 1	1 day	100%	Mon 6/23/08	Tue 6/24/08
268	INT	Receive Software builds for Release 1	1 day	100%	Tue 6/24/08	Wed 6/25/08
269	INT	Document data requirements for Release 1	1 day	100%	Wed 6/25/08	Thu 6/26/08
270	INT	Verify test cases/scripts for Release 1	1 day	100%	Mon 6/23/08	Tue 6/24/08
271	INT	Verify environmental needs for Release 1	1 day	100%	Mon 6/23/08	Tue 6/24/08
272	INT	Document final Release 1 plan	1 day	100%	Thu 6/26/08	Fri 6/27/08
273	INT	Confirm Testing Support from Project team	1 day	100%	Fri 6/27/08	Mon 6/30/08
274	INT	Release 1 Plan Complete	0 days	100%	Mon 6/30/08	Mon 6/30/08
275	**INT**	**Test Release 1**	**10 days**	**100%**	**Mon 6/30/08**	**Tue 7/15/08**
276	**INT**	**Install components for Release 1**	**1 day**	**100%**	**Mon 6/30/08**	**Tue 7/1/08**
277	INT	Install Component 1	1 day	100%	Mon 6/30/08	Tue 7/1/08
278	INT	Installation Release 1 complete	0 days	100%	Tue 7/1/08	Tue 7/1/08
279	**INT**	**Smoke Test Release 1 Components (Level 1)**	**1 day**	**100%**	**Tue 7/1/08**	**Wed 7/2/08**
280	INT	Smoke Test Component 1	1 day	100%	Tue 7/1/08	Wed 7/2/08
281	INT	Smoke Test Release 1 complete	0 days	100%	Wed 7/2/08	Wed 7/2/08
282	**INT**	**System to System Test Release 1 Components Test Cycle 1 (Level 2 to 4)**	**6 days**	**100%**	**Wed 7/2/08**	**Fri 7/11/08**
283	INT	System Test Interface 1	4 days	100%	Wed 7/2/08	Wed 7/9/08
284	INT	Smoke Test Release 1 complete	0 days	100%	Wed 7/9/08	Wed 7/9/08
285	INT	Document Release 1 Test Cycle 1 results	2 days	100%	Wed 7/9/08	Fri 7/11/08
286	**INT**	**Close out Release 1 testing**	**2 days**	**100%**	**Fri 7/11/08**	**Tue 7/15/08**
287	INT	Document Final Release 1 Test Results	1 day	100%	Fri 7/11/08	Mon 7/14/08
288	INT	Analyze risk based on Release 1 test results	1 day	100%	Mon 7/14/08	Tue 7/15/08
289	INT	IR1 Integration Testing Complete	0 days	100%	Tue 7/15/08	Tue 7/15/08
290	**INT**	**Integrated Release 2 (IR2)**	**83 days**	**100%**	**Fri 6/13/08**	**Fri 10/10/08**
291	**INT**	**Plan Release 2 Testing**	**4 days**	**100%**	**Wed 8/6/08**	**Mon 8/11/08**
292	INT	Document Release Goals	4 days	100%	Wed 8/6/08	Mon 8/11/08
293	INT	Verify software versions/drops for Release 2	4 days	100%	Wed 8/6/08	Mon 8/11/08
294	INT	Receive Software builds for Release 2	4 days	100%	Wed 8/6/08	Mon 8/11/08
295	INT	Document data requirements for Release 2	4 days	100%	Wed 8/6/08	Mon 8/11/08
296	INT	Verify test cases/scripts for Release 2	4 days	100%	Wed 8/6/08	Mon 8/11/08
297	INT	Verify environmental needs for Release 2	4 days	100%	Wed 8/6/08	Mon 8/11/08
298	INT	Document final Release 2 plan	4 days	100%	Wed 8/6/08	Mon 8/11/08
299	INT	Confirm Testing Support from Project team	4 days	100%	Wed 8/6/08	Mon 8/11/08
300	INT	Release 2 Plan Complete	0 days	100%	Mon 8/11/08	Mon 8/11/08
301	**INT**	**(IR2 TC1) Integrated Release 2 Test Cycle 1**	**68 days**	**100%**	**Fri 6/13/08**	**Fri 9/19/08**
302	**INT**	**IR2 TC1 Receivables**	**48 days**	**100%**	**Fri 6/13/08**	**Thu 8/21/08**
304	INT	Receive MMS 4 Patch 2 Received from MMS	0 days	100%	Mon 8/11/08	Mon 8/11/08
307	INT	Receive EMS 5.1.3 from EMS	0 days	100%	Tue 7/15/08	Tue 7/15/08
310	INT	Receive EMS 5.1.4(VSAT/TSAT) from EMS	0 days	100%	Mon 8/11/08	Mon 8/11/08
312	INT	Receive MIS 8 from MIS	0 days	100%	Thu 8/21/08	Thu 8/21/08
314	INT	Receive CRR2B/2C from CRR	0 days	100%	Fri 6/13/08	Fri 6/13/08
315	INT	IR2 TC1 project deliveries received	0 days	100%	Thu 8/21/08	Thu 8/21/08
316	**INT**	**Install components for Release 2 Test Cycle 1 (R2C1)**	**5 days**	**100%**	**Tue 8/12/08**	**Mon 8/18/08**
317	INT	(IR2 TC1) Installation, Data Setup, & Smoke Testing	5 days	100%	Tue 8/12/08	Mon 8/18/08
318	INT	(IR2 TC1) iTest Migration Complete	0 days	100%	Mon 8/18/08	Mon 8/18/08
319	**INT**	**Smoke Test Release 2 Components (Level 1)**	**27 days**	**100%**	**Wed 8/13/08**	**Fri 9/19/08**
320	INT	Smoke Test Window (IR2 components)	4 days	100%	Wed 8/13/08	Mon 8/18/08



Project: Nodal Program
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Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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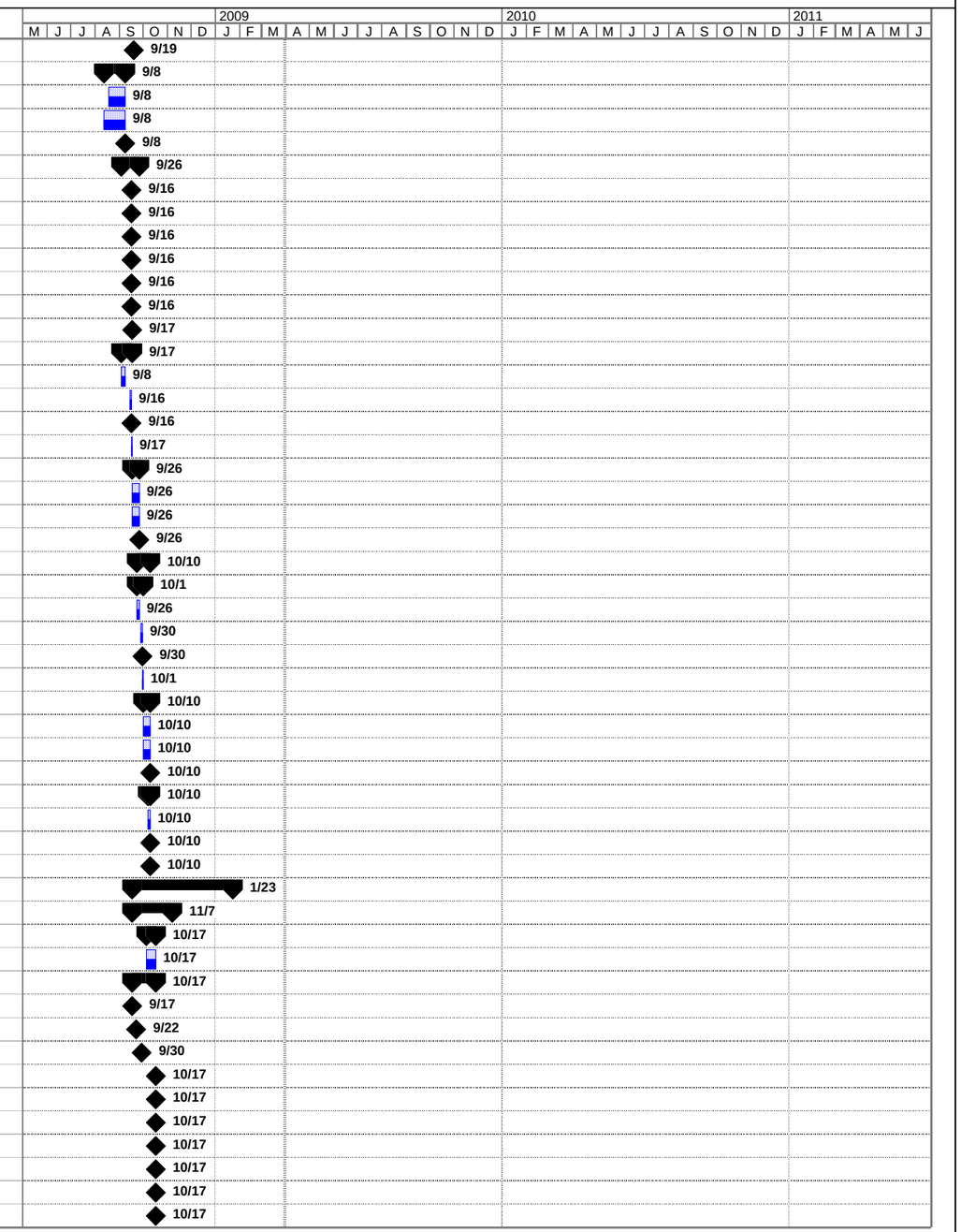
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
321	INT	Smoke Test Release 2 complete	0 days	100%	Fri 9/19/08	Fri 9/19/08
322	**INT**	**System to System Test Release 2 Components Test Cycle 1 (Level 2 to 4)**	**18 days**	**100%**	**Wed 8/13/08**	**Mon 9/8/08**
323	INT	Integration Testing Window (IR2 TC1)	14 days	100%	Tue 8/19/08	Mon 9/8/08
324	INT	Document & Manage Defects (IR2 TC1)	18 days	100%	Wed 8/13/08	Mon 9/8/08
325	INT	(IR2 TC1) Integration Testing Complete	0 days	100%	Mon 9/8/08	Mon 9/8/08
326	**INT**	**(IR2 TC2) Integrated Release 2 Test Cycle 2**	**17 days**	**100%**	**Thu 9/4/08**	**Fri 9/26/08**
327	**INT**	**IR2 TC2 Receivables**	**0 days**	**100%**	**Tue 9/16/08**	**Tue 9/16/08**
328	INT	Receive Adapters for R2 from EIP	0 days	100%	Tue 9/16/08	Tue 9/16/08
329	**INT**	**R2 Adapters**	**0 days**	**100%**	**Tue 9/16/08**	**Tue 9/16/08**
330	INT	Platts --> MMS (FIP/FOP)	0 days	100%	Tue 9/16/08	Tue 9/16/08
331	INT	CRR --> MMS (ownership info)	0 days	100%	Tue 9/16/08	Tue 9/16/08
332	INT	MP <--> MMS (EWS 1.15)	0 days	100%	Tue 9/16/08	Tue 9/16/08
333	INT	IR2 TC2 project deliveries received	0 days	100%	Wed 9/17/08	Wed 9/17/08
334	**INT**	**Plan Release 2 Test Cycle 2**	**10 days**	**100%**	**Thu 9/4/08**	**Wed 9/17/08**
335	INT	Determine Goals for Release 2 Test Cycle 2	3 days	100%	Thu 9/4/08	Mon 9/8/08
336	INT	(IR2 TC2) Installation, Data Setup, & Smoke Testing	2 days	100%	Mon 9/15/08	Tue 9/16/08
337	INT	(IR2 TC2) iTest Migration Complete	0 days	100%	Tue 9/16/08	Tue 9/16/08
338	INT	Execute mini Smoke test Release 2 Test Cycle 2	1 day	100%	Wed 9/17/08	Wed 9/17/08
339	**INT**	**System to System Test Release 2 Components Test Cycle 2 (Level 2 to 4)**	**7 days**	**100%**	**Thu 9/18/08**	**Fri 9/26/08**
340	INT	Integration Testing Window (IR2 TC2)	7 days	100%	Thu 9/18/08	Fri 9/26/08
341	INT	Document & Manage Defects (IR2 TC2)	7 days	100%	Thu 9/18/08	Fri 9/26/08
342	INT	(IR2 TC2) Integration Testing Complete	0 days	100%	Fri 9/26/08	Fri 9/26/08
343	**INT**	**(IR2 TC3) Integrated Release 2 Test Cycle 3**	**13 days**	**100%**	**Wed 9/24/08**	**Fri 10/10/08**
344	**INT**	**Plan Release 2 Test Cycle 3**	**6 days**	**100%**	**Wed 9/24/08**	**Wed 10/1/08**
345	INT	Determine Goals for Release 2 Test Cycle 3	3 days	100%	Wed 9/24/08	Fri 9/26/08
346	INT	(IR2 TC3) Installation, Data Setup, & Smoke Testing	2 days	100%	Mon 9/29/08	Tue 9/30/08
347	INT	(IR2 TC3) iTest Migration Complete	0 days	100%	Tue 9/30/08	Tue 9/30/08
348	INT	Execute mini Smoke test Release 2 Test Cycle 3	1 day	100%	Wed 10/1/08	Wed 10/1/08
349	**INT**	**System to System Test Release 2 Components Test Cycle 3 (Level 2 to 4)**	**7 days**	**100%**	**Thu 10/2/08**	**Fri 10/10/08**
350	INT	Integration Testing Window (IR2 TC3)	7 days	100%	Thu 10/2/08	Fri 10/10/08
351	INT	Document & Manage Defects (IR2 TC3)	7 days	100%	Thu 10/2/08	Fri 10/10/08
352	INT	Release 2 Test Cycle 3 complete	0 days	100%	Fri 10/10/08	Fri 10/10/08
353	**INT**	**Close out Release 2 testing**	**3 days**	**100%**	**Wed 10/8/08**	**Fri 10/10/08**
354	INT	Document Final Release 2 Test Results	3 days	100%	Wed 10/8/08	Fri 10/10/08
355	INT	Integration Release2 results available to Management	0 days	100%	Fri 10/10/08	Fri 10/10/08
356	INT	(IR2 TC3) Integration Testing Complete	0 days	100%	Fri 10/10/08	Fri 10/10/08
357	**INT**	**Integrated Release 3 (IR3)**	**79 days**	**100%**	**Wed 9/17/08**	**Fri 1/23/09**
358	**INT**	**(IR3 TC1) Integrated Release 3 Test Cycle 1**	**37 days**	**100%**	**Wed 9/17/08**	**Fri 11/7/08**
359	**INT**	**(IR3 TC1) Test Planning Preparation**	**10 days**	**100%**	**Mon 10/6/08**	**Fri 10/17/08**
360	INT	Develop Test Planning	10 days	100%	Mon 10/6/08	Fri 10/17/08
361	**INT**	**IR3 TC1 Receivables**	**22 days**	**100%**	**Wed 9/17/08**	**Fri 10/17/08**
363	INT	Receive Siebel Phase 4 from COMS	0 days	100%	Wed 9/17/08	Wed 9/17/08
365	INT	Receive CMM 3.1 from COMS	0 days	100%	Mon 9/22/08	Mon 9/22/08
367	INT	Receive MMS 4 Patch 3 from MMS	0 days	100%	Tue 9/30/08	Tue 9/30/08
368	INT	Receive Adapters for IR3 TC1 from EIP	0 days	100%	Fri 10/17/08	Fri 10/17/08
369	**INT**	**(IR3 TC1) Integration Interfaces**	**0 days**	**100%**	**Fri 10/17/08**	**Fri 10/17/08**
370	INT	MP <--> MMS (EWS 1.16)	0 days	100%	Fri 10/17/08	Fri 10/17/08
371	INT	REG --> MMS	0 days	100%	Fri 10/17/08	Fri 10/17/08
372	INT	REG --> CMM	0 days	100%	Fri 10/17/08	Fri 10/17/08
373	INT	REG --> CRR	0 days	100%	Fri 10/17/08	Fri 10/17/08
374	INT	Platts --> S&B	0 days	100%	Fri 10/17/08	Fri 10/17/08



Project: Nodal Program
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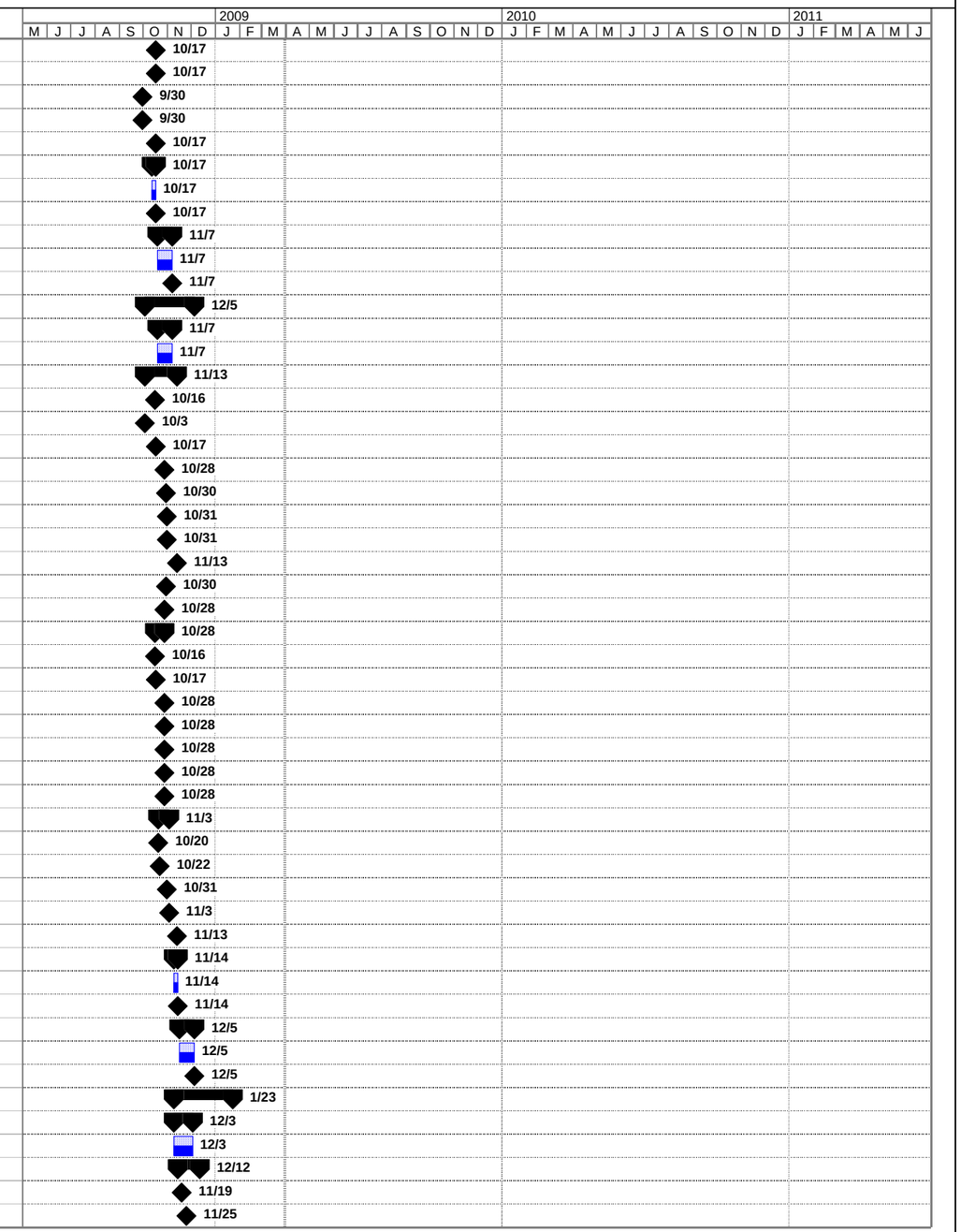
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
375	INT	CMM --> CRR (BT)	0 days	100%	Fri 10/17/08	Fri 10/17/08
376	INT	CRR --> CMM (BT)	0 days	100%	Fri 10/17/08	Fri 10/17/08
377	**INT**	**Reporting / EDW / Extracts**	**0 days**	**100%**	**Tue 9/30/08**	**Tue 9/30/08**
379	INT	Receive EDW COMS Webservices from EDW	0 days	100%	Tue 9/30/08	Tue 9/30/08
380	INT	IR3 TC1 Project Deliveries Received	0 days	100%	Fri 10/17/08	Fri 10/17/08
381	**INT**	**(IR3 TC1) Environment Readiness**	**5 days**	**100%**	**Mon 10/13/08**	**Fri 10/17/08**
382	INT	(IR3 TC1) Installation, Data Setup, & Smoke Testing	5 days	100%	Mon 10/13/08	Fri 10/17/08
383	INT	(IR3 TC1) iTest Migration Complete	0 days	100%	Fri 10/17/08	Fri 10/17/08
384	**INT**	**(IR3 TC1) Integration Test Execution**	**15 days**	**100%**	**Mon 10/20/08**	**Fri 11/7/08**
385	INT	(IR3 TC1) Integration Testing & Defect Management	15 days	100%	Mon 10/20/08	Fri 11/7/08
386	INT	(IR3 TC1) Integration Testing Complete	0 days	100%	Fri 11/7/08	Fri 11/7/08
387	**INT**	**(IR3 TC2) Integrated Release 3 Test Cycle 2**	**42 days**	**100%**	**Fri 10/3/08**	**Fri 12/5/08**
388	**INT**	**(IR3 TC2) Test Planning Preparation**	**15 days**	**100%**	**Mon 10/20/08**	**Fri 11/7/08**
389	INT	Develop Test Planning	15 days	100%	Mon 10/20/08	Fri 11/7/08
390	**INT**	**IR3 TC2 Receivables**	**29 days**	**100%**	**Fri 10/3/08**	**Thu 11/13/08**
392	INT	Receive CSI 5.4 from COMS	0 days	100%	Thu 10/16/08	Thu 10/16/08
394	INT	Receive CMM 3.2 from COMS	0 days	100%	Fri 10/3/08	Fri 10/3/08
396	INT	Receive CSI 6.1 from COMS	0 days	100%	Fri 10/17/08	Fri 10/17/08
398	INT	Receive MMS 4 Patch 4 Received from MMS	0 days	100%	Tue 10/28/08	Tue 10/28/08
400	INT	Receive Data Agg from COMS	0 days	100%	Thu 10/30/08	Thu 10/30/08
402	INT	Receive S&B 5 from COMS	0 days	100%	Fri 10/31/08	Fri 10/31/08
404	INT	Receive Appworx from COMS	0 days	100%	Fri 10/31/08	Fri 10/31/08
406	INT	Receive OS 2.0.13 received from OS	0 days	100%	Thu 11/13/08	Thu 11/13/08
408	INT	Receive MIS 9 from MIS	0 days	100%	Thu 10/30/08	Thu 10/30/08
409	INT	Receive Adapters for IR3 TC2 from EIP	0 days	100%	Tue 10/28/08	Tue 10/28/08
410	**INT**	**(IR3 TC2) Integration Interfaces**	**8 days**	**100%**	**Thu 10/16/08**	**Tue 10/28/08**
411	INT	MMS --> L* (DAM Billing Determinants)	0 days	100%	Thu 10/16/08	Thu 10/16/08
412	INT	MMS --> CMM (Partial Credit Derminants)	0 days	100%	Fri 10/17/08	Fri 10/17/08
413	INT	S&B --> MMS (VC)	0 days	100%	Tue 10/28/08	Tue 10/28/08
414	INT	S&B --> MMS (CF)	0 days	100%	Tue 10/28/08	Tue 10/28/08
415	INT	S&B --> MMS (LRS)	0 days	100%	Tue 10/28/08	Tue 10/28/08
416	INT	S&B --> MMS (RMR)	0 days	100%	Tue 10/28/08	Tue 10/28/08
417	INT	S&B --> CRR	0 days	100%	Tue 10/28/08	Tue 10/28/08
418	**INT**	**Reporting / EDW / Extracts**	**10 days**	**100%**	**Mon 10/20/08**	**Mon 11/3/08**
420	INT	Receive EDW_MMS Phase 1 Replication from EDW	0 days	100%	Mon 10/20/08	Mon 10/20/08
422	INT	Receive EDW_Siebel replication from EDW	0 days	100%	Wed 10/22/08	Wed 10/22/08
424	INT	Receive CDR 3C from CDR	0 days	100%	Fri 10/31/08	Fri 10/31/08
426	INT	Receive EDW COMS (Non SS Extracts) from EDW	0 days	100%	Mon 11/3/08	Mon 11/3/08
427	INT	(IR3 TC2) Project Deliveries Received	0 days	100%	Thu 11/13/08	Thu 11/13/08
428	**INT**	**(IR3 TC2) Environment Readiness**	**5 days**	**100%**	**Mon 11/10/08**	**Fri 11/14/08**
429	INT	(IR3 TC2) Installation, Data Setup, & Smoke Testing	5 days	100%	Mon 11/10/08	Fri 11/14/08
430	INT	(IR3 TC2) iTest Migration Complete	0 days	100%	Fri 11/14/08	Fri 11/14/08
431	**INT**	**(IR3 TC2) Integration Test Execution**	**12 days**	**100%**	**Mon 11/17/08**	**Fri 12/5/08**
432	INT	(IR3 TC2) Integration Testing & Defect Management	12 days	100%	Mon 11/17/08	Fri 12/5/08
433	INT	(IR3 TC2) Integration Testing Complete	0 days	100%	Fri 12/5/08	Fri 12/5/08
434	**INT**	**(IR3 TC3) Integrated Release 3 Test Cycle 3**	**42 days**	**100%**	**Mon 11/10/08**	**Fri 1/23/09**
435	**INT**	**(IR3 TC3) Test Planning Preparation**	**15 days**	**100%**	**Mon 11/10/08**	**Wed 12/3/08**
436	INT	Develop Test Planning	15 days	100%	Mon 11/10/08	Wed 12/3/08
437	**INT**	**IR3 TC3 Receivables**	**17 days**	**100%**	**Fri 11/14/08**	**Fri 12/12/08**
439	INT	Receive CRR3 with Statement Tables from CRR	0 days	100%	Wed 11/19/08	Wed 11/19/08
441	INT	Receive MMS 4 Patch 5 from MMS	0 days	100%	Tue 11/25/08	Tue 11/25/08



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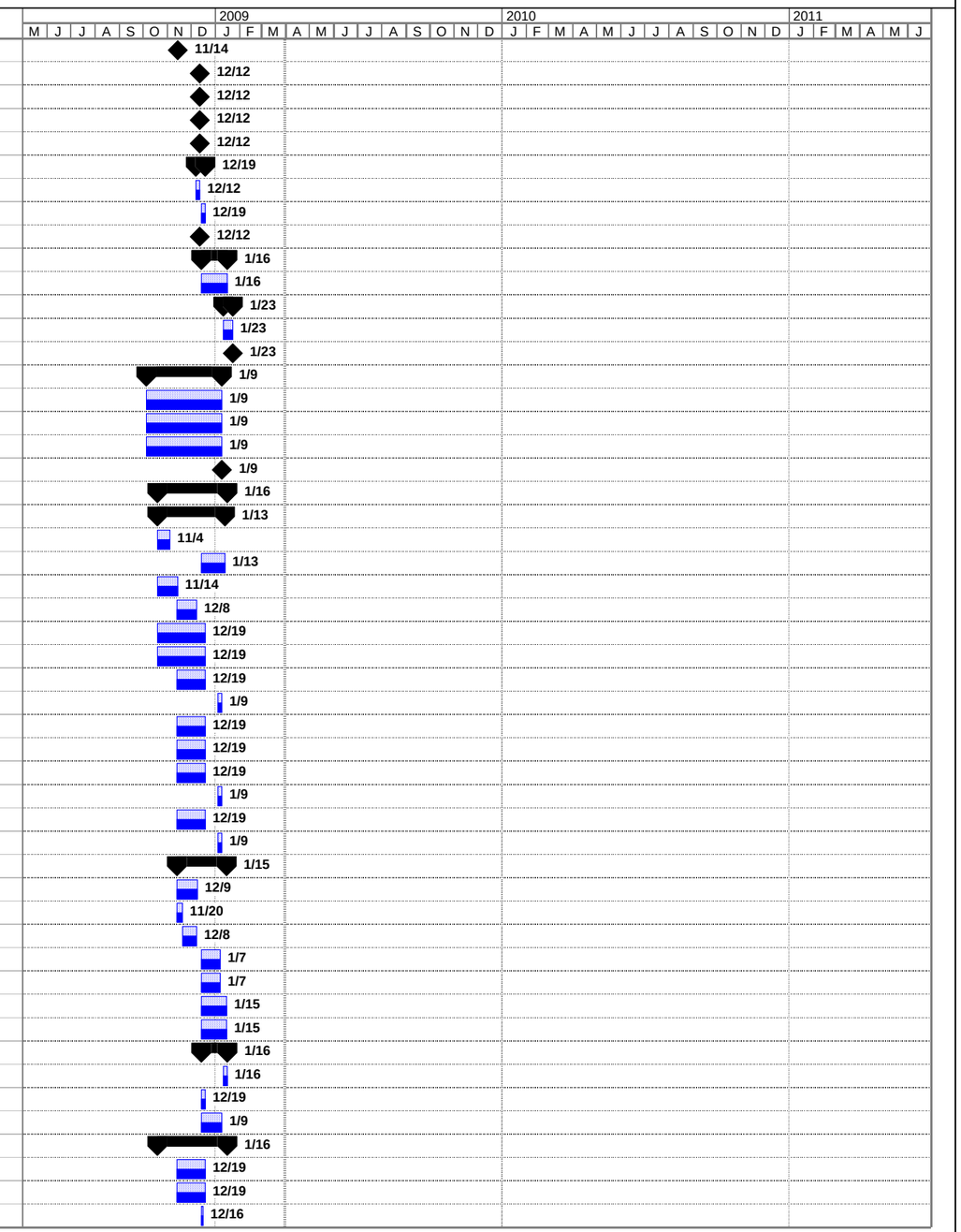
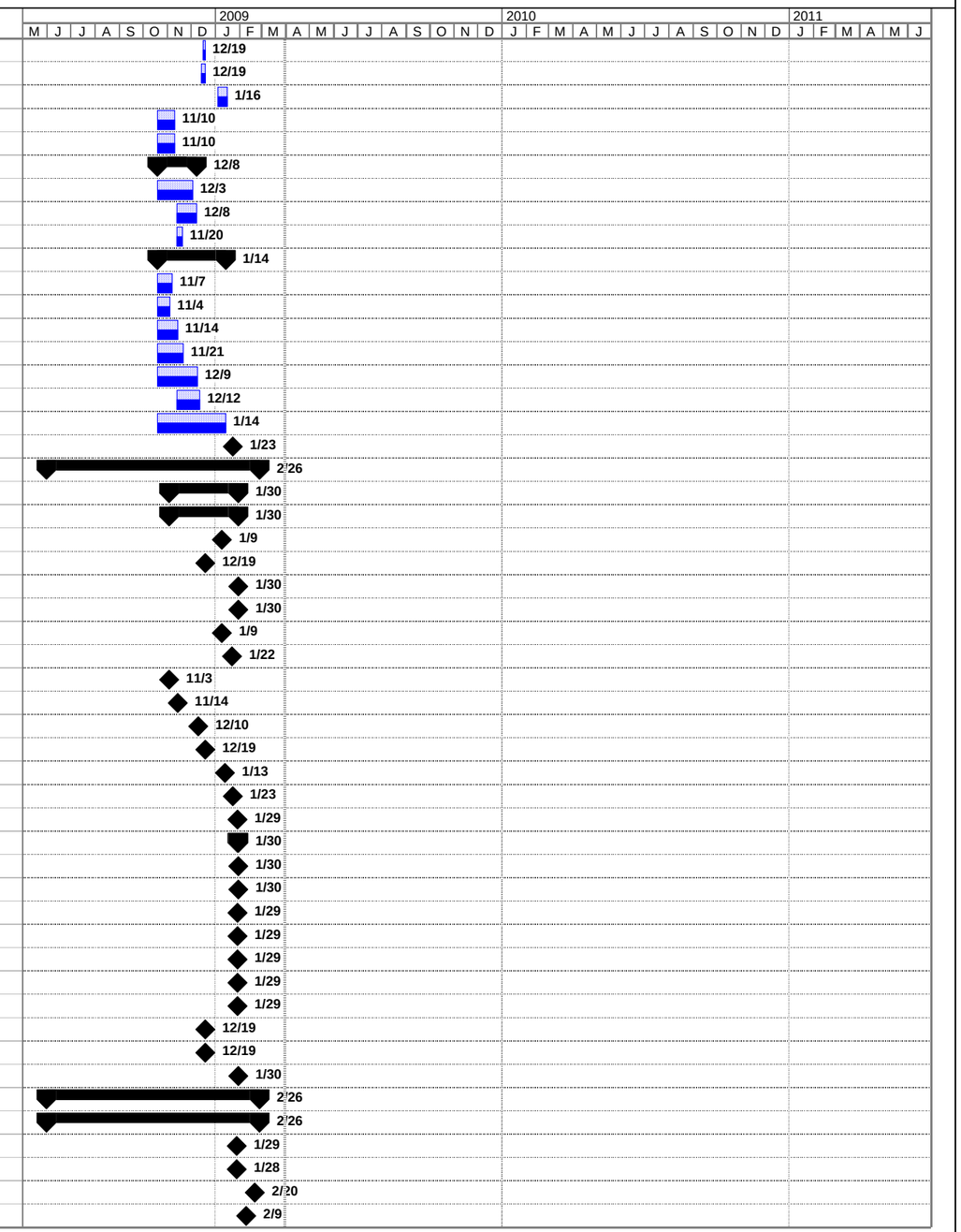
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
443	INT	Receive Build 9 Complete from MIS	0 days	100%	Fri 11/14/08	Fri 11/14/08
444	INT	Receive Adapters for R3 TC3 from EIP	0 days	100%	Fri 12/12/08	Fri 12/12/08
445	**INT**	**(IR3 TC3) Integration Interfaces**	**0 days**	**100%**	**Fri 12/12/08**	**Fri 12/12/08**
446	INT	MP --> MMS EWS 1.17	0 days	100%	Fri 12/12/08	Fri 12/12/08
447	INT	(IR3 TC3) Project Deliveries Received	0 days	100%	Fri 12/12/08	Fri 12/12/08
448	**INT**	**(IR3 TC3) Environment Readiness**	**10 days**	**100%**	**Mon 12/8/08**	**Fri 12/19/08**
449	INT	(IR3 TC3) Software Installation	5 days	100%	Mon 12/8/08	Fri 12/12/08
450	INT	(IR3 TC3) Data Setup & Smoke Testing	5 days	100%	Mon 12/15/08	Fri 12/19/08
451	INT	(IR3 TC3) iTest Migration Complete	0 days	100%	Fri 12/12/08	Fri 12/12/08
452	**INT**	**(IR3 TC3) Integration Test Execution**	**15 days**	**100%**	**Mon 12/15/08**	**Fri 1/16/09**
453	INT	(IR3 TC3) Integration Testing & Defect Management	15 days	100%	Mon 12/15/08	Fri 1/16/09
454	**INT**	**Close out Release 3 testing**	**10 days**	**100%**	**Mon 1/12/09**	**Fri 1/23/09**
455	INT	Document Final Release 3 Test Results	10 days	100%	Mon 1/12/09	Fri 1/23/09
456	INT	Integration Release 3 Results Available	0 days	100%	Fri 1/23/09	Fri 1/23/09
457	**INT**	**IR3 Test Planning Development**	**57 days**	**100%**	**Mon 10/6/08**	**Fri 1/9/09**
458	INT	Develop Test Cases	57 days	100%	Mon 10/6/08	Fri 1/9/09
459	INT	Develop Test Scripts	57 days	100%	Mon 10/6/08	Fri 1/9/09
460	INT	Develop Test Data	57 days	100%	Mon 10/6/08	Fri 1/9/09
461	INT	IR3 Test Planning Complete	0 days	100%	Fri 1/9/09	Fri 1/9/09
462	**INT**	**IR3 Testing Activities**	**52 days**	**100%**	**Mon 10/20/08**	**Fri 1/16/09**
463	**INT**	**MMS Input Integration Testing**	**49 days**	**100%**	**Mon 10/20/08**	**Tue 1/13/09**
464	INT	MP --> EWS 1.16 --> MMS Submission Testing (L4)	12 days	100%	Mon 10/20/08	Tue 11/4/08
465	INT	MP --> EWS 1.17 --> MMS Submission Testing (L4)	12 days	100%	Mon 12/15/08	Tue 1/13/09
466	INT	CRR --> MMS (Ownership Information) Data Transer Testing (L2)	20 days	100%	Mon 10/20/08	Fri 11/14/08
467	INT	CMM --> MMS (Available Credit Limit) Data Transfer Testing (L2)	14 days	100%	Fri 11/14/08	Mon 12/8/08
468	INT	Siebel --> MMS (Ownership, Operatorship Data) Adapter Connectivity Testing (L1)	42 days	100%	Mon 10/20/08	Fri 12/19/08
469	INT	Siebel --> MMS (Ownership, Operatorship Data) Data Transfer Testing (L2)	42 days	100%	Mon 10/20/08	Fri 12/19/08
470	INT	S&B --> MMS (Varifiable Costs) Adapter Connectivty Testing (L1)	23 days	100%	Fri 11/14/08	Fri 12/19/08
471	INT	S&B --> MMS (Varifiable Costs) Data Transfer Testing (L2)	5 days	100%	Mon 1/5/09	Fri 1/9/09
472	INT	S&B --> MMS (Capacity Factor) Adapter Connectivty Testing (L1)	23 days	100%	Fri 11/14/08	Fri 12/19/08
473	INT	S&B --> MMS (Capacity Factor) Data Transfer Testing (L2)	23 days	100%	Fri 11/14/08	Fri 12/19/08
474	INT	S&B --> MMS (Load Ratio Share) Adapter Connectivty Testing (L1)	23 days	100%	Fri 11/14/08	Fri 12/19/08
475	INT	S&B --> MMS (Load Ratio Share) Data Transfer Testing (L2)	5 days	100%	Mon 1/5/09	Fri 1/9/09
476	INT	S&B --> MMS (RMR Contracts) Adapter Connectivty Testing (L1)	23 days	100%	Fri 11/14/08	Fri 12/19/08
477	INT	S&B --> MMS (RMR Contracts) Data Transfer Testing (L2)	5 days	100%	Mon 1/5/09	Fri 1/9/09
478	**INT**	**CRR Input Integration Testing**	**32 days**	**100%**	**Fri 11/14/08**	**Thu 1/15/09**
479	INT	CMM --> CRR (Available Credit Limit) Data Transfer Testing (L2)	15 days	100%	Fri 11/14/08	Tue 12/9/08
480	INT	CMM -- CRR (Bilateral Trade Result) Adapter Connectivity Testing (L1)	5 days	100%	Fri 11/14/08	Thu 11/20/08
481	INT	CMM -- CRR (Bilateral Trade Result) Data Transfer Testing (L2)	9 days	100%	Fri 11/21/08	Mon 12/8/08
482	INT	Siebel --> CRR (CRR Ownership) Adapter Connectivity Testing (L1)	8 days	100%	Mon 12/15/08	Wed 1/7/09
483	INT	Siebel --> CRR (CRR Ownership) Data Transfer Testing (L2)	8 days	100%	Mon 12/15/08	Wed 1/7/09
484	INT	S&B --> CRR (PV) L1	14 days	100%	Mon 12/15/08	Thu 1/15/09
485	INT	S&B --> CRR (Payment Verification) Adapter Connectivity Testing (L2)	14 days	100%	Mon 12/15/08	Thu 1/15/09
486	**INT**	**REG Input Integration Testing**	**15 days**	**100%**	**Mon 12/15/08**	**Fri 1/16/09**
487	INT	MP --> EWS 1.16 --> REG (Disputes)	5 days	100%	Mon 1/12/09	Fri 1/16/09
488	INT	CMM --> REG (Credit) L1	5 days	100%	Mon 12/15/08	Fri 12/19/08
489	INT	CMM --> REG (Credit) L2	10 days	100%	Mon 12/15/08	Fri 1/9/09
490	**INT**	**CMM Input Integration Testing**	**52 days**	**100%**	**Mon 10/20/08**	**Fri 1/16/09**
491	INT	CRR --> CMM (Available Credit Limit) (L1)	23 days	100%	Fri 11/14/08	Fri 12/19/08
492	INT	CRR --> CMM (Available Credit Limit) (L2)	23 days	100%	Fri 11/14/08	Fri 12/19/08
493	INT	CRR --> CMM (Balateral Trade Request) Adapter Connectivity Testing (L1)	2 days	100%	Mon 12/15/08	Tue 12/16/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
494	INT	CRR --> CMM (Balateral Trade Request) Data Transfer Testing (L2)	3 days	100%	Wed 12/17/08	Fri 12/19/08
495	INT	Siebel --> CMM (Ownership, Operatorship Data) Adapter Connectivity Testing (L1)	5 days	100%	Mon 12/15/08	Fri 12/19/08
496	INT	Siebel --> CMM (Ownership, Operatorship Data) Adapter Connectivity Testing (L2)	10 days	100%	Mon 1/5/09	Fri 1/16/09
497	INT	MMS --> CSI6.1 (Credit) Connectivity Testing (L1)	16 days	100%	Mon 10/20/08	Mon 11/10/08
498	INT	MMS --> CSI6.1 (Credit Determinants) Data Transformation Testing (L2)	16 days	100%	Mon 10/20/08	Mon 11/10/08
499	**INT**	**LodeStar Input Integration Testing**	**33 days**	**100%**	**Mon 10/20/08**	**Mon 12/8/08**
500	INT	Siebel --> S&B (Ownership, Operatorship) Continued Testing for Zonal Release	30 days	100%	Mon 10/20/08	Wed 12/3/08
501	INT	MMS --> CSI 5.4 (DAM) Connectivity Testing (L1)	14 days	100%	Fri 11/14/08	Mon 12/8/08
502	INT	MMS --> CSI5.4 (DAM Settlement Billing Determinants) Data Transformation Testing (L2)	5 days	100%	Fri 11/14/08	Thu 11/20/08
503	**INT**	**Market Participant Output Testing (Reporting & Extracts)**	**50 days**	**100%**	**Mon 10/20/08**	**Wed 1/14/09**
504	INT	EDW COMS Webservices (VIM Data & ESI ID Extract Records)	15 days	100%	Mon 10/20/08	Fri 11/7/08
505	INT	EDW_Siebel replication Testing	12 days	100%	Mon 10/20/08	Tue 11/4/08
506	INT	EDW_Siebel Phase 4 Testing	20 days	100%	Mon 10/20/08	Fri 11/14/08
507	INT	EDW_CRR Replication Testing	25 days	100%	Mon 10/20/08	Fri 11/21/08
508	INT	EDW_PR80028 (Small Renewables) Testing	34 days	100%	Mon 10/20/08	Tue 12/9/08
509	INT	EDW_Lodestar Replication Testing	18 days	100%	Fri 11/14/08	Fri 12/12/08
510	INT	EDW_Inline Parser Testing	50 days	100%	Mon 10/20/08	Wed 1/14/09
511	INT	Deliver IR3 Testing Complete to EDS	0 days	100%	Fri 1/23/09	Fri 1/23/09
512	**INT**	**Integrated Release 4 (IR4)**	**180 days**	**100%**	**Sun 6/1/08**	**Thu 2/26/09**
513	**INT**	**(IR4 TC1) Integrated Release 4 Test Cycle 1**	**51 days**	**100%**	**Mon 11/3/08**	**Fri 1/30/09**
514	**INT**	**(IR4 TC1) INT Receivables**	**51 days**	**100%**	**Mon 11/3/08**	**Fri 1/30/09**
516	INT	Receive Base UI from OS	0 days	100%	Fri 1/9/09	Fri 1/9/09
518	INT	Receive NMMS 5 from NMMS	0 days	100%	Fri 12/19/08	Fri 12/19/08
520	INT	Receive CSI 5.5 from COMS	0 days	100%	Fri 1/30/09	Fri 1/30/09
522	INT	Receive CSI 6.3 from COMS	0 days	100%	Fri 1/30/09	Fri 1/30/09
524	INT	Receive 2.1.0.0: Defect Patch from OS	0 days	100%	Fri 1/9/09	Fri 1/9/09
526	INT	Receive 2.1.1.0: Defect Patch from OS	0 days	100%	Thu 1/22/09	Thu 1/22/09
528	INT	Receive EMS5.1.7 (CIM Importer) from EMS	0 days	100%	Mon 11/3/08	Mon 11/3/08
530	INT	Receive EMS 5.1.5 (OE/VSS) from EMS	0 days	100%	Fri 11/14/08	Fri 11/14/08
532	INT	Receive Release 5.1.6 (Habitat 5.6 Security Patch) from EMS	0 days	100%	Wed 12/10/08	Wed 12/10/08
534	INT	Receive Release 5.1.8.x (Habit 5.7) from EMS	0 days	100%	Fri 12/19/08	Fri 12/19/08
536	INT	Receive MMS 4 Patch 6	0 days	100%	Tue 1/13/09	Tue 1/13/09
538	INT	Receive MIS 10 from MIS	0 days	100%	Fri 1/23/09	Fri 1/23/09
539	INT	Receive Adapters for IR4 TC1 from EIP	0 days	100%	Thu 1/29/09	Thu 1/29/09
540	**INT**	**(IR4 TC1) Integration Interfaces**	**1 day**	**100%**	**Thu 1/29/09**	**Fri 1/30/09**
541	INT	MMS --> L* (RUC, SASM, RT Billing Determinants)	0 days	100%	Fri 1/30/09	Fri 1/30/09
542	INT	MMS --> CMM (Credit Derminants)	0 days	100%	Fri 1/30/09	Fri 1/30/09
543	INT	EIP.WS1.18	0 days	100%	Thu 1/29/09	Thu 1/29/09
544	INT	Adapter Refactoring for MMS4 Patch 6	0 days	100%	Thu 1/29/09	Thu 1/29/09
545	INT	MP --> Siebel (Disputes/API) - L1, L2	0 days	100%	Thu 1/29/09	Thu 1/29/09
546	INT	CMM --> Siebel (CW Flag) - L TBD	0 days	100%	Thu 1/29/09	Thu 1/29/09
547	INT	NMMS --> MIS - L1, L2	0 days	100%	Thu 1/29/09	Thu 1/29/09
548	**INT**	**(IR4 TC1) Reports / Extracts**	**0 days**	**100%**	**Fri 12/19/08**	**Fri 12/19/08**
550	INT	Receive EDW MID/MIR issues fix from EDW	0 days	100%	Fri 12/19/08	Fri 12/19/08
551	INT	IR4 TC1 Project Deliveries Received	0 days	100%	Fri 1/30/09	Fri 1/30/09
552	**INT**	**(IR4 TC2) Integrated Release 4 Test Cycle 2**	**180 days**	**100%**	**Sun 6/1/08**	**Thu 2/26/09**
553	**INT**	**(IR4 TC2) INT Receivables**	**180 days**	**100%**	**Sun 6/1/08**	**Thu 2/26/09**
555	INT	Receive CRR4 from CRR	0 days	100%	Thu 1/29/09	Thu 1/29/09
557	INT	Receive S&B/Data agg supplemental / refactor from COMS	0 days	100%	Wed 1/28/09	Wed 1/28/09
559	INT	Receive MMS 4 Patch 7	0 days	100%	Fri 2/20/09	Fri 2/20/09
561	INT	Receive Release 6.1.1 (sigs and NPRRs, I/Fs) from EMS	0 days	100%	Mon 2/9/09	Mon 2/9/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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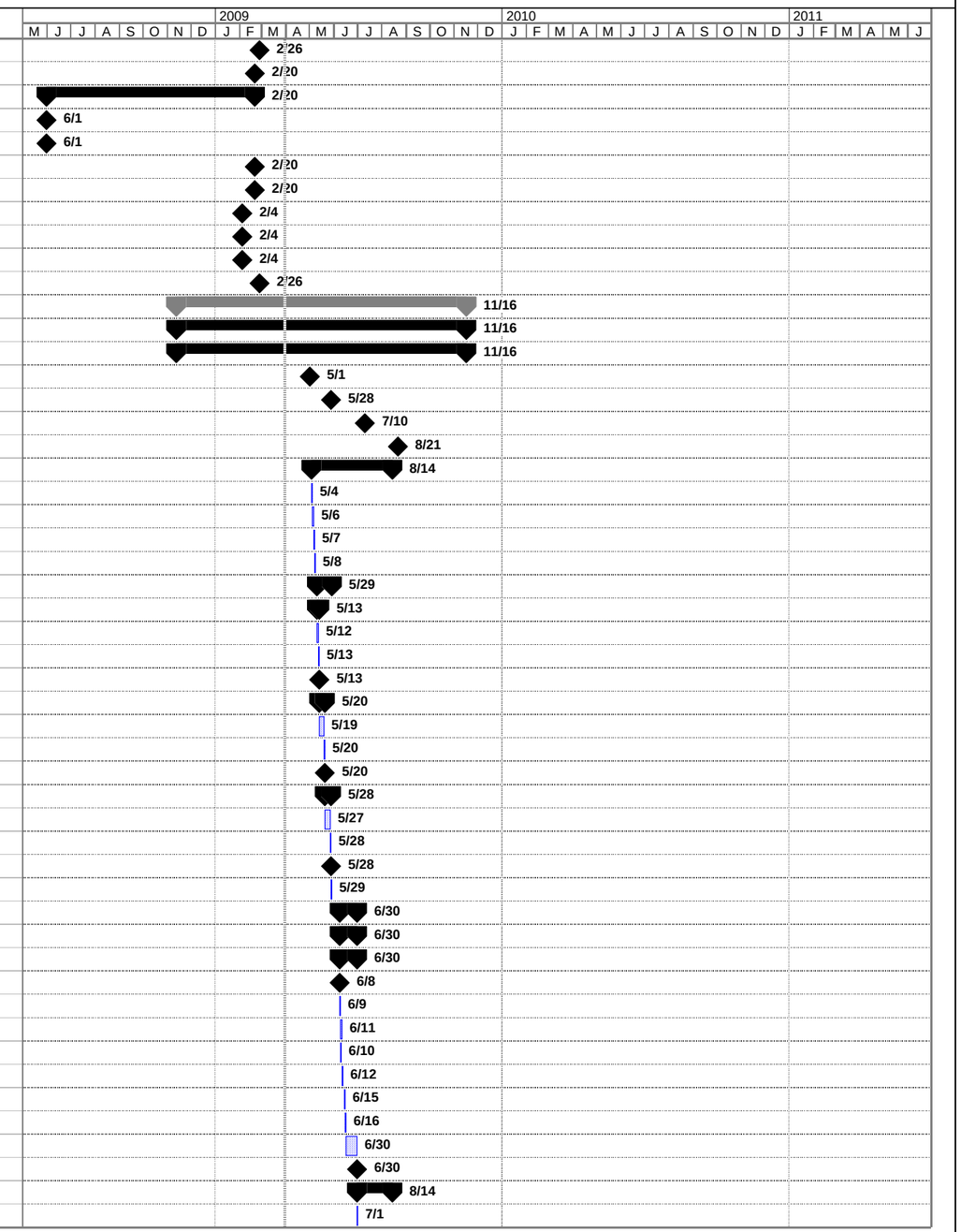
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
563	INT	Receive OS 2.1.2.0 Defect Patch from OS	0 days	100%	Thu 2/26/09	Thu 2/26/09
564	INT	Receive Adapters for IR4 TC2 from EIP	0 days	100%	Fri 2/20/09	Fri 2/20/09
565	**INT**	**(IR4 TC2) Integration Interfaces**	**176 days**	**100%**	**Sun 6/1/08**	**Fri 2/20/09**
566	INT	EMS<-->OS	0 days	100%	Sun 6/1/08	Sun 6/1/08
567	INT	EMS<-->MMS	0 days	100%	Sun 6/1/08	Sun 6/1/08
568	INT	OS --> NMMS	0 days	100%	Fri 2/20/09	Fri 2/20/09
569	INT	REG --> NMMS	0 days	100%	Fri 2/20/09	Fri 2/20/09
570	**INT**	**Reports / Extracts**	**0 days**	**100%**	**Wed 2/4/09**	**Wed 2/4/09**
572	INT	Receive Extracts & reports: Internal CODIA from COMS	0 days	100%	Wed 2/4/09	Wed 2/4/09
574	INT	Receive Extracts & reports: External CODIA from COMS	0 days	100%	Wed 2/4/09	Wed 2/4/09
575	INT	IR4 TC2 Project Deliveries	0 days	100%	Thu 2/26/09	Thu 2/26/09
13	**Nodal IPS**	**I-A - Interfaces & Adapters**	**247 days**	**5%**	**Thu 11/13/08**	**Mon 11/16/09**
1	**I-A**	**Nodal Interfaces & Adapters**	**247 days**	**5%**	**Thu 11/13/08**	**Mon 11/16/09**
2	**MMS**	**MMS - Market Management System**	**247 days**	**2%**	**Thu 11/13/08**	**Mon 11/16/09**
4	MMS	"MMS5: Request Data Files from All ""Source"" Project Systems"	0 days	0%	Fri 5/1/09	Fri 5/1/09
6	MMS	Receive MMS5: Installation in FAT & Smoke Test Complete	0 days	0%	Thu 5/28/09	Thu 5/28/09
8	MMS	Receive MMS5: Preliminary Release to iTEST	0 days	0%	Fri 7/10/09	Fri 7/10/09
10	MMS	Receive MMS5: Completed Final FAT in iTest	0 days	0%	Fri 8/21/09	Fri 8/21/09
11	**MMS**	**CMM to MMS**	**73 days**	**0%**	**Mon 5/4/09**	**Fri 8/14/09**
12	MMS	Receive most recent "Production Ready" file from CMM for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
13	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Tue 5/5/09	Wed 5/6/09
14	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Thu 5/7/09	Thu 5/7/09
15	MMS	Conduct meeting with CMM team to discuss business logic	1 day	0%	Fri 5/8/09	Fri 5/8/09
16	**MMS**	**Develop CMM=>MMS Test Plans, Cases & Scripts**	**14 days**	**0%**	**Mon 5/11/09**	**Fri 5/29/09**
17	**MMS**	**Create CMM=>MMS Test Plan**	**3 days**	**0%**	**Mon 5/11/09**	**Wed 5/13/09**
18	MMS	Create & Update Test Plan	2 days	0%	Mon 5/11/09	Tue 5/12/09
19	MMS	Review & Approve Test Plan	1 day	0%	Wed 5/13/09	Wed 5/13/09
20	MMS	Test Plan Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
21	**MMS**	**Create CMM=>MMS Test Cases**	**5 days**	**0%**	**Thu 5/14/09**	**Wed 5/20/09**
22	MMS	Create CMM=>MMS Test Cases	4 days	0%	Thu 5/14/09	Tue 5/19/09
23	MMS	Review & Approve Test Cases	1 day	0%	Wed 5/20/09	Wed 5/20/09
24	MMS	Test Cases Completed	0 days	0%	Wed 5/20/09	Wed 5/20/09
25	**MMS**	**Create CMM=>MMS Scripts**	**5 days**	**0%**	**Thu 5/21/09**	**Thu 5/28/09**
26	MMS	Create CMM=>MMS Test Scripts	4 days	0%	Thu 5/21/09	Wed 5/27/09
27	MMS	Review & Approve Test Scripts	1 day	0%	Thu 5/28/09	Thu 5/28/09
28	MMS	Test Scripts Completed	0 days	0%	Thu 5/28/09	Thu 5/28/09
29	MMS	Migrate CMM=>MMS Test Plans, Cases & Scripts	1 day	0%	Fri 5/29/09	Fri 5/29/09
30	**MMS**	**Migrate CMM=>MMS to FAT**	**16 days**	**0%**	**Mon 6/8/09**	**Tue 6/30/09**
31	**MMS**	**Execute CMM=>MMS Interface Tests (1)**	**16 days**	**0%**	**Mon 6/8/09**	**Tue 6/30/09**
32	**MMS**	**FAT Setup & Test**	**16 days**	**0%**	**Mon 6/8/09**	**Tue 6/30/09**
33	MMS	CMM data file available	0 days	0%	Mon 6/8/09	Mon 6/8/09
34	MMS	Receive file from CMM (Full and Incremental (if applicable))	1 day	0%	Tue 6/9/09	Tue 6/9/09
35	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Wed 6/10/09	Thu 6/11/09
36	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Wed 6/10/09	Wed 6/10/09
37	MMS	Load file from CMM into MMS	1 day	0%	Fri 6/12/09	Fri 6/12/09
38	MMS	Verify CMM FAT data load and update successful	1 day	0%	Mon 6/15/09	Mon 6/15/09
39	MMS	Log CMM FAT defect (if necessary)	1 day	0%	Tue 6/16/09	Tue 6/16/09
40	MMS	Repair & Verify CMM FAT Defect Fixes	10 days	0%	Wed 6/17/09	Tue 6/30/09
41	MMS	CMM=>MMS FAT Test Execution Completed	0 days	0%	Tue 6/30/09	Tue 6/30/09
42	**MMS**	**Migrate CMM=>MMS to iTest**	**32 days**	**0%**	**Wed 7/1/09**	**Fri 8/14/09**
43	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 7/1/09	Wed 7/1/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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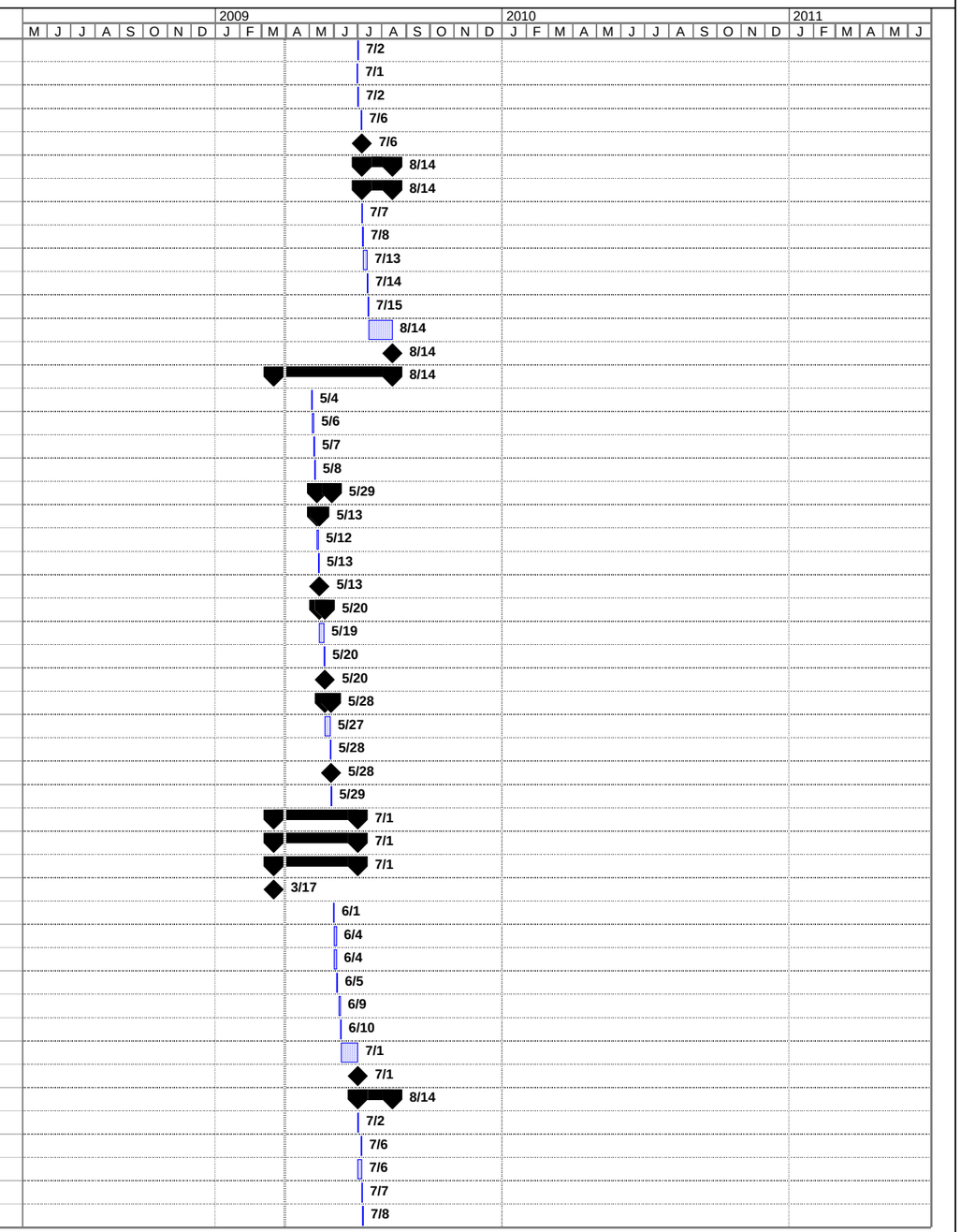
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
44	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 7/2/09	Thu 7/2/09
45	MMS	Review CMM=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 7/1/09	Wed 7/1/09
46	MMS	Modify CMM=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Thu 7/2/09	Thu 7/2/09
47	MMS	Approve CMM=>MMS Test Plans, Cases & Scripts	1 day	0%	Mon 7/6/09	Mon 7/6/09
48	MMS	CMM=>MMS Interface Ready for iTest	0 days	0%	Mon 7/6/09	Mon 7/6/09
49	**MMS**	**Execute CMM=>MMS Integration Test (1)**	**29 days**	**0%**	**Tue 7/7/09**	**Fri 8/14/09**
50	**MMS**	**iTEST Credit Info**	**29 days**	**0%**	**Tue 7/7/09**	**Fri 8/14/09**
51	MMS	CMM - generate data file	1 day	0%	Tue 7/7/09	Tue 7/7/09
52	MMS	EIP - transport CMM data file to MMS repository	1 day	0%	Wed 7/8/09	Wed 7/8/09
53	MMS	MMS - receive & process CMM data file	3 days	0%	Thu 7/9/09	Mon 7/13/09
54	MMS	MMS - Verify CMM iTest data load and update successful	1 day	0%	Tue 7/14/09	Tue 7/14/09
55	MMS	Log CMM iTest defect (if necessary)	1 day	0%	Wed 7/15/09	Wed 7/15/09
56	MMS	Repair & Verify CMM iTest Defect Fixes	22 days	0%	Thu 7/16/09	Fri 8/14/09
57	MMS	CMM=>MMS iTest Test Execution Completed	0 days	0%	Fri 8/14/09	Fri 8/14/09
58	**MMS**	**CRR to MMS**	**107 days**	**0%**	**Tue 3/17/09**	**Fri 8/14/09**
59	MMS	Receive most recent "Production Ready" file from CRR for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
60	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Tue 5/5/09	Wed 5/6/09
61	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Thu 5/7/09	Thu 5/7/09
62	MMS	Conduct meeting with CRR team to discuss business logic	1 day	0%	Fri 5/8/09	Fri 5/8/09
63	**MMS**	**Develop CRR=>MMS Test Plans, Cases & Scripts**	**14 days**	**0%**	**Mon 5/11/09**	**Fri 5/29/09**
64	**MMS**	**Create CRR=>MMS Test Plan**	**3 days**	**0%**	**Mon 5/11/09**	**Wed 5/13/09**
65	MMS	Create & Update Test Plan	2 days	0%	Mon 5/11/09	Tue 5/12/09
66	MMS	Review & Approve Test Plan	1 day	0%	Wed 5/13/09	Wed 5/13/09
67	MMS	Test Plan Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
68	**MMS**	**Create CRR=>MMS Test Cases**	**5 days**	**0%**	**Thu 5/14/09**	**Wed 5/20/09**
69	MMS	Create CMM=>MMS Test Cases	4 days	0%	Thu 5/14/09	Tue 5/19/09
70	MMS	Review & Approve Test Cases	1 day	0%	Wed 5/20/09	Wed 5/20/09
71	MMS	Test Cases Completed	0 days	0%	Wed 5/20/09	Wed 5/20/09
72	**MMS**	**Create CRR=>MMS Scripts**	**5 days**	**0%**	**Thu 5/21/09**	**Thu 5/28/09**
73	MMS	Create CRR=>MMS Test Scripts	4 days	0%	Thu 5/21/09	Wed 5/27/09
74	MMS	Review & Approve Test Scripts	1 day	0%	Thu 5/28/09	Thu 5/28/09
75	MMS	Test Scripts Completed	0 days	0%	Thu 5/28/09	Thu 5/28/09
76	MMS	Migrte CRR=>MMS MMCR for Test Plans, Cases & Scripts	1 day	0%	Fri 5/29/09	Fri 5/29/09
77	**MMS**	**Migrate CRR=>MMS to FAT**	**76 days**	**0%**	**Tue 3/17/09**	**Wed 7/1/09**
78	**MMS**	**Execute CRR=>MMS Interface Tests (5)**	**76 days**	**0%**	**Tue 3/17/09**	**Wed 7/1/09**
79	**MMS**	**FAT Setup & Test**	**76 days**	**0%**	**Tue 3/17/09**	**Wed 7/1/09**
80	MMS	CRR data file available	0 days	0%	Tue 3/17/09	Tue 3/17/09
81	MMS	Receive file from CRR (Full and Incremental (if applicable))	1 day	0%	Mon 6/1/09	Mon 6/1/09
82	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	3 days	0%	Tue 6/2/09	Thu 6/4/09
83	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	3 days	0%	Tue 6/2/09	Thu 6/4/09
84	MMS	Load file from CRR into MMS	1 day	0%	Fri 6/5/09	Fri 6/5/09
85	MMS	Verify CRR FAT data load and update successful	2 days	0%	Mon 6/8/09	Tue 6/9/09
86	MMS	Log CRR FAT defect (if necessary)	1 day	0%	Wed 6/10/09	Wed 6/10/09
87	MMS	Repair & Verify CRR FAT Defect Fixes	15 days	0%	Thu 6/11/09	Wed 7/1/09
88	MMS	CRR=>MMS FAT Test Execution Completed	0 days	0%	Wed 7/1/09	Wed 7/1/09
89	**MMS**	**Migrate CRR=>MMS to iTest**	**31 days**	**0%**	**Thu 7/2/09**	**Fri 8/14/09**
90	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Thu 7/2/09	Thu 7/2/09
91	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 7/6/09	Mon 7/6/09
92	MMS	Review CRR=>MMS Test Plans, Cases & Scripts	2 days	0%	Thu 7/2/09	Mon 7/6/09
93	MMS	Modify CRR=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Tue 7/7/09	Tue 7/7/09
94	MMS	Approve CRR=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 7/8/09	Wed 7/8/09



Project: Nodal Program
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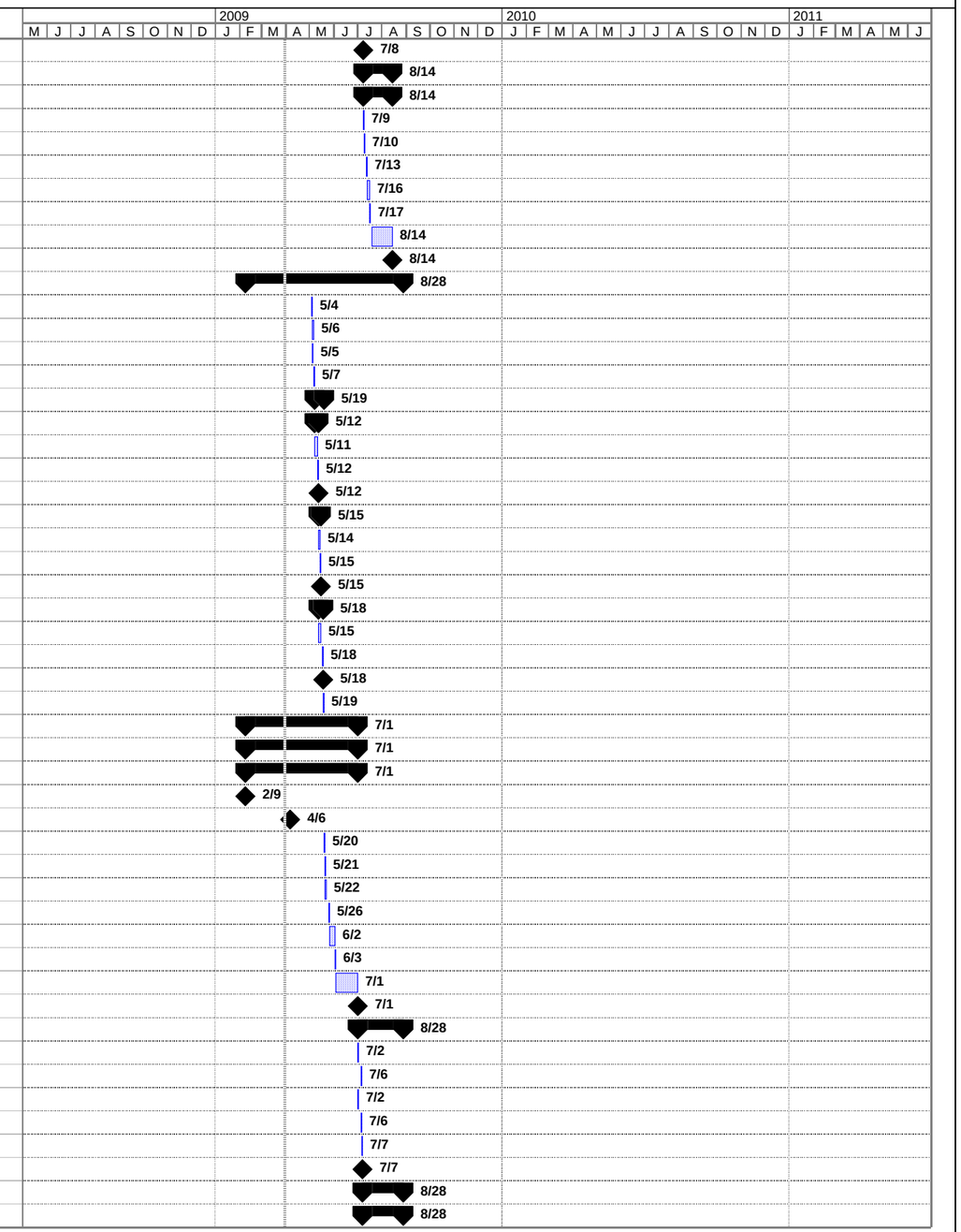
Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

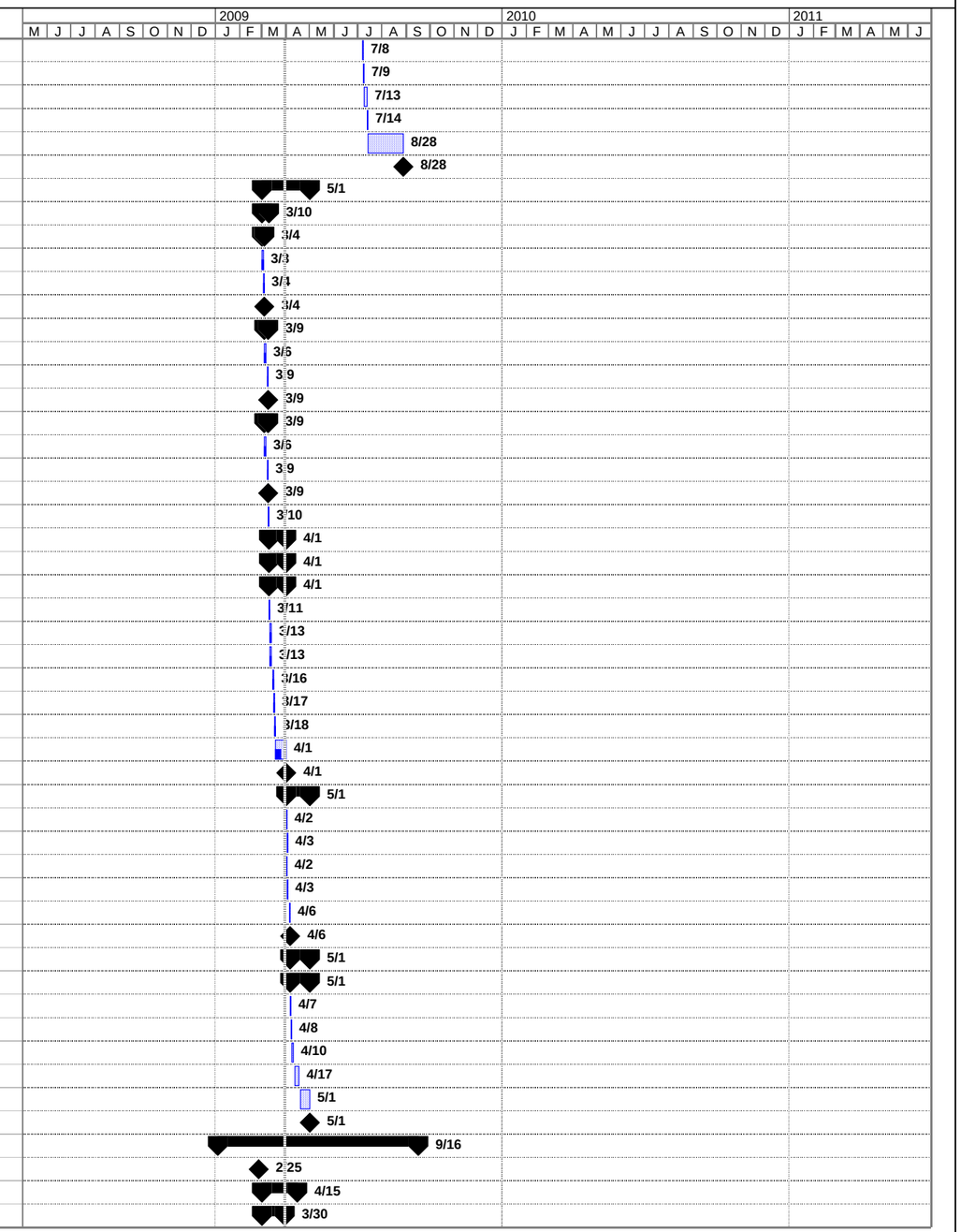
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
95	MMS	CRR=>MMS Interface Ready for iTest	0 days	0%	Wed 7/8/09	Wed 7/8/09
96	**MMS**	**Execute CRR=>MMS Integration Test (5)**	**27 days**	**0%**	**Thu 7/9/09**	**Fri 8/14/09**
97	**MMS**	**iTEST Ownership Infromation**	**27 days**	**0%**	**Thu 7/9/09**	**Fri 8/14/09**
98	MMS	CRR - generate data file	1 day	0%	Thu 7/9/09	Thu 7/9/09
99	MMS	EIP - transport CRR data file to MMS repository	1 day	0%	Fri 7/10/09	Fri 7/10/09
100	MMS	MMS - receive & process CRR data file	1 day	0%	Mon 7/13/09	Mon 7/13/09
101	MMS	MMS - Verify CRR iTest data load and update successful	3 days	0%	Tue 7/14/09	Thu 7/16/09
102	MMS	Log CRR iTest defect (if necessary)	1 day	0%	Fri 7/17/09	Fri 7/17/09
103	MMS	Repair & Verify CMM FAT Defect Fixes	20 days	0%	Mon 7/20/09	Fri 8/14/09
104	MMS	CRR=>MMS iTest Test Execution Completed	0 days	0%	Fri 8/14/09	Fri 8/14/09
105	**MMS**	**EMS to MMS**	**143 days**	**0%**	**Mon 2/9/09**	**Fri 8/28/09**
106	MMS	Receive most recent "Production Ready" file from EMS for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
107	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Tue 5/5/09	Wed 5/6/09
108	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Tue 5/5/09	Tue 5/5/09
109	MMS	Conduct meeting with EMS team to discuss business logic	1 day	0%	Thu 5/7/09	Thu 5/7/09
110	**MMS**	**Develop EMS=>MMS Test Plans, Cases & Scripts**	**8 days**	**0%**	**Fri 5/8/09**	**Tue 5/19/09**
111	**MMS**	**Create EMS=>MMS Test Plan**	**3 days**	**0%**	**Fri 5/8/09**	**Tue 5/12/09**
112	MMS	Create & Update Test Plan	2 days	0%	Fri 5/8/09	Mon 5/11/09
113	MMS	Review & Approve Test Plan	1 day	0%	Tue 5/12/09	Tue 5/12/09
114	MMS	Test Plan Completed	0 days	0%	Tue 5/12/09	Tue 5/12/09
115	**MMS**	**Create EMS=>MMS Test Cases**	**3 days**	**0%**	**Wed 5/13/09**	**Fri 5/15/09**
116	MMS	Create EMS=>MMS Test Cases	2 days	0%	Wed 5/13/09	Thu 5/14/09
117	MMS	Review & Approve Test Cases	1 day	0%	Fri 5/15/09	Fri 5/15/09
118	MMS	Test Cases Completed	0 days	0%	Fri 5/15/09	Fri 5/15/09
119	**MMS**	**Create EMS=>MMS Scripts**	**4 days**	**0%**	**Wed 5/13/09**	**Mon 5/18/09**
120	MMS	Create EMS=>MMS Test Scripts	3 days	0%	Wed 5/13/09	Fri 5/15/09
121	MMS	Review & Approve Test Scripts	1 day	0%	Mon 5/18/09	Mon 5/18/09
122	MMS	Test Scripts Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
123	MMS	Migrate EMS=>MMS Test Plans, Cases & Scripts	1 day	0%	Tue 5/19/09	Tue 5/19/09
124	**MMS**	**Migrate EMS=>MMS to FAT**	**102 days**	**0%**	**Mon 2/9/09**	**Wed 7/1/09**
125	**MMS**	**Execute EMS=>MMS Interface Tests (17)**	**102 days**	**0%**	**Mon 2/9/09**	**Wed 7/1/09**
126	**MMS**	**FAT Setup & Test**	**102 days**	**0%**	**Mon 2/9/09**	**Wed 7/1/09**
127	MMS	EMS data file available	0 days	100%	Mon 2/9/09	Mon 2/9/09
128	MMS	EMS & MMS on same NMMS data model and file	0 days	0%	Mon 4/6/09	Mon 4/6/09
129	MMS	Receive file from EMS (Full and Incremental (if applicable))	1 day	0%	Wed 5/20/09	Wed 5/20/09
130	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Thu 5/21/09	Thu 5/21/09
131	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	2 days	0%	Thu 5/21/09	Fri 5/22/09
132	MMS	Load file from EMS into MMS	1 day	0%	Tue 5/26/09	Tue 5/26/09
133	MMS	Verify EMS FAT data load and update successful	5 days	0%	Wed 5/27/09	Tue 6/2/09
134	MMS	Log EMS FAT defect (if necessary)	1 day	0%	Wed 6/3/09	Wed 6/3/09
135	MMS	Repair & Verify EMS FAT Defect Fixes	20 days	0%	Thu 6/4/09	Wed 7/1/09
136	MMS	EMS=>MMS FAT Test Execution Completed	0 days	0%	Wed 7/1/09	Wed 7/1/09
137	**MMS**	**Migrate EMS=>MMS to iTest**	**41 days**	**0%**	**Thu 7/2/09**	**Fri 8/28/09**
138	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Thu 7/2/09	Thu 7/2/09
139	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 7/6/09	Mon 7/6/09
140	MMS	Review EMS=>MMS Test Plans, Cases & Scripts	1 day	0%	Thu 7/2/09	Thu 7/2/09
141	MMS	Modify EMS=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Mon 7/6/09	Mon 7/6/09
142	MMS	Approve EMS=>MMS Test Plans, Cases & Scripts	1 day	0%	Tue 7/7/09	Tue 7/7/09
143	MMS	EMS=>MMS Interface Ready for iTest	0 days	0%	Tue 7/7/09	Tue 7/7/09
144	**MMS**	**Execute EMS=>MMS Integration Tests (17)**	**38 days**	**0%**	**Wed 7/8/09**	**Fri 8/28/09**
145	**MMS**	**iTEST Credit Info**	**38 days**	**0%**	**Wed 7/8/09**	**Fri 8/28/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
146	MMS	EMS - generate data file	1 day	0%	Wed 7/8/09	Wed 7/8/09
147	MMS	MMS - receive & process EMS data file (via dblink)	1 day	0%	Thu 7/9/09	Thu 7/9/09
148	MMS	MMS - Verify EMS iTest data load and update successful	2 days	0%	Fri 7/10/09	Mon 7/13/09
149	MMS	Log EMS iTest defect (if necessary)	1 day	0%	Tue 7/14/09	Tue 7/14/09
150	MMS	Repair & Verify EMS iTest Defect Fixes	33 days	0%	Wed 7/15/09	Fri 8/28/09
151	MMS	EMS=>MMS iTest Test Execution Completed	0 days	0%	Fri 8/28/09	Fri 8/28/09
152	**MMS**	**ETAG to MMS**	**45 days**	**44%**	**Mon 3/2/09**	**Fri 5/1/09**
153	**MMS**	**Develop ETAG=>MMS Test Plans, Cases & Scripts**	**7 days**	**100%**	**Mon 3/2/09**	**Tue 3/10/09**
154	**MMS**	**Create ETAG=>MMS Test Plan**	**3 days**	**100%**	**Mon 3/2/09**	**Wed 3/4/09**
155	MMS	Create & Update Test Plan	2 days	100%	Mon 3/2/09	Tue 3/3/09
156	MMS	Review & Approve Test Plan	1 day	100%	Wed 3/4/09	Wed 3/4/09
157	MMS	Test Plan Completed	0 days	100%	Wed 3/4/09	Wed 3/4/09
158	**MMS**	**Create ETAG=>MMS Test Cases**	**3 days**	**100%**	**Thu 3/5/09**	**Mon 3/9/09**
159	MMS	Create ETAG=>MMS Test Cases	2 days	100%	Thu 3/5/09	Fri 3/6/09
160	MMS	Review & Approve Test Cases	1 day	100%	Mon 3/9/09	Mon 3/9/09
161	MMS	Test Cases Completed	0 days	100%	Mon 3/9/09	Mon 3/9/09
162	**MMS**	**Create ETAG=>MMS Scripts**	**3 days**	**100%**	**Thu 3/5/09**	**Mon 3/9/09**
163	MMS	Create ETAG=>MMS Test Scripts	2 days	100%	Thu 3/5/09	Fri 3/6/09
164	MMS	Review & Approve Test Scripts	1 day	100%	Mon 3/9/09	Mon 3/9/09
165	MMS	Test Scripts Completed	0 days	100%	Mon 3/9/09	Mon 3/9/09
166	MMS	Migrate ETAG=>MMS Test Plans, Cases & Scripts	1 day	100%	Tue 3/10/09	Tue 3/10/09
167	**MMS**	**Migrate ETAG=>MMS to FAT**	**16 days**	**72%**	**Wed 3/11/09**	**Wed 4/1/09**
168	**MMS**	**Execute ETAG=>MMS Interface Tests (1)**	**16 days**	**72%**	**Wed 3/11/09**	**Wed 4/1/09**
169	**MMS**	**FAT Setup & Test**	**16 days**	**72%**	**Wed 3/11/09**	**Wed 4/1/09**
170	MMS	Receive file from ETAG (Full and Incremental (if applicable))	1 day	100%	Wed 3/11/09	Wed 3/11/09
171	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	100%	Thu 3/12/09	Fri 3/13/09
172	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	2 days	100%	Thu 3/12/09	Fri 3/13/09
173	MMS	Load file from ETAG into MMS	1 day	100%	Mon 3/16/09	Mon 3/16/09
174	MMS	Verify ETAG FAT data load and update successful	1 day	100%	Tue 3/17/09	Tue 3/17/09
175	MMS	Log ETAG FAT defect (if necessary)	1 day	100%	Wed 3/18/09	Wed 3/18/09
176	MMS	Repair & Verify ETAG FAT Defect Fixes	10 days	50%	Thu 3/19/09	Wed 4/1/09
177	MMS	ETAG=>MMS FAT Test Execution Completed	0 days	0%	Wed 4/1/09	Wed 4/1/09
178	**MMS**	**Migrate ETAG=>MMS to iTest**	**22 days**	**0%**	**Thu 4/2/09**	**Fri 5/1/09**
179	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Thu 4/2/09	Thu 4/2/09
180	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Fri 4/3/09	Fri 4/3/09
181	MMS	Review ETAG=>MMS Test Plans, Cases & Scripts	1 day	0%	Thu 4/2/09	Thu 4/2/09
182	MMS	Modify ETAG=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Fri 4/3/09	Fri 4/3/09
183	MMS	Approve ETAG=>MMS Test Plans, Cases & Scripts	1 day	0%	Mon 4/6/09	Mon 4/6/09
184	MMS	ETAG=>MMS Interface Ready for iTest	0 days	0%	Mon 4/6/09	Mon 4/6/09
185	**MMS**	**Execute ETAG=>MMS Integration Test (1)**	**19 days**	**0%**	**Tue 4/7/09**	**Fri 5/1/09**
186	**MMS**	**iTEST Set Up & Test**	**19 days**	**0%**	**Tue 4/7/09**	**Fri 5/1/09**
187	MMS	ETAG - generate data file	1 day	0%	Tue 4/7/09	Tue 4/7/09
188	MMS	MMS - receive & process ETAG data file	1 day	0%	Wed 4/8/09	Wed 4/8/09
189	MMS	MMS - Verify ETAG iTest data load and update successful	2 days	0%	Thu 4/9/09	Fri 4/10/09
190	MMS	Log ETAG iTest defect (if necessary)	5 days	0%	Mon 4/13/09	Fri 4/17/09
191	MMS	Repair & Verify ETAG iTest Defect Fixes	10 days	0%	Mon 4/20/09	Fri 5/1/09
192	MMS	ETAG=>MMS iTest Test Execution Completed	0 days	0%	Fri 5/1/09	Fri 5/1/09
193	**MMS**	**EWS to MMS**	**180 days**	**0%**	**Mon 1/5/09**	**Wed 9/16/09**
194	MMS	EWS v1.18x is available	0 days	100%	Wed 2/25/09	Wed 2/25/09
195	**MMS**	**Develop EWS=>MMS Test Plans, Cases & Scripts**	**33 days**	**0%**	**Mon 3/2/09**	**Wed 4/15/09**
196	**MMS**	**Create EWS=>MMS Test Plan**	**21 days**	**0%**	**Mon 3/2/09**	**Mon 3/30/09**

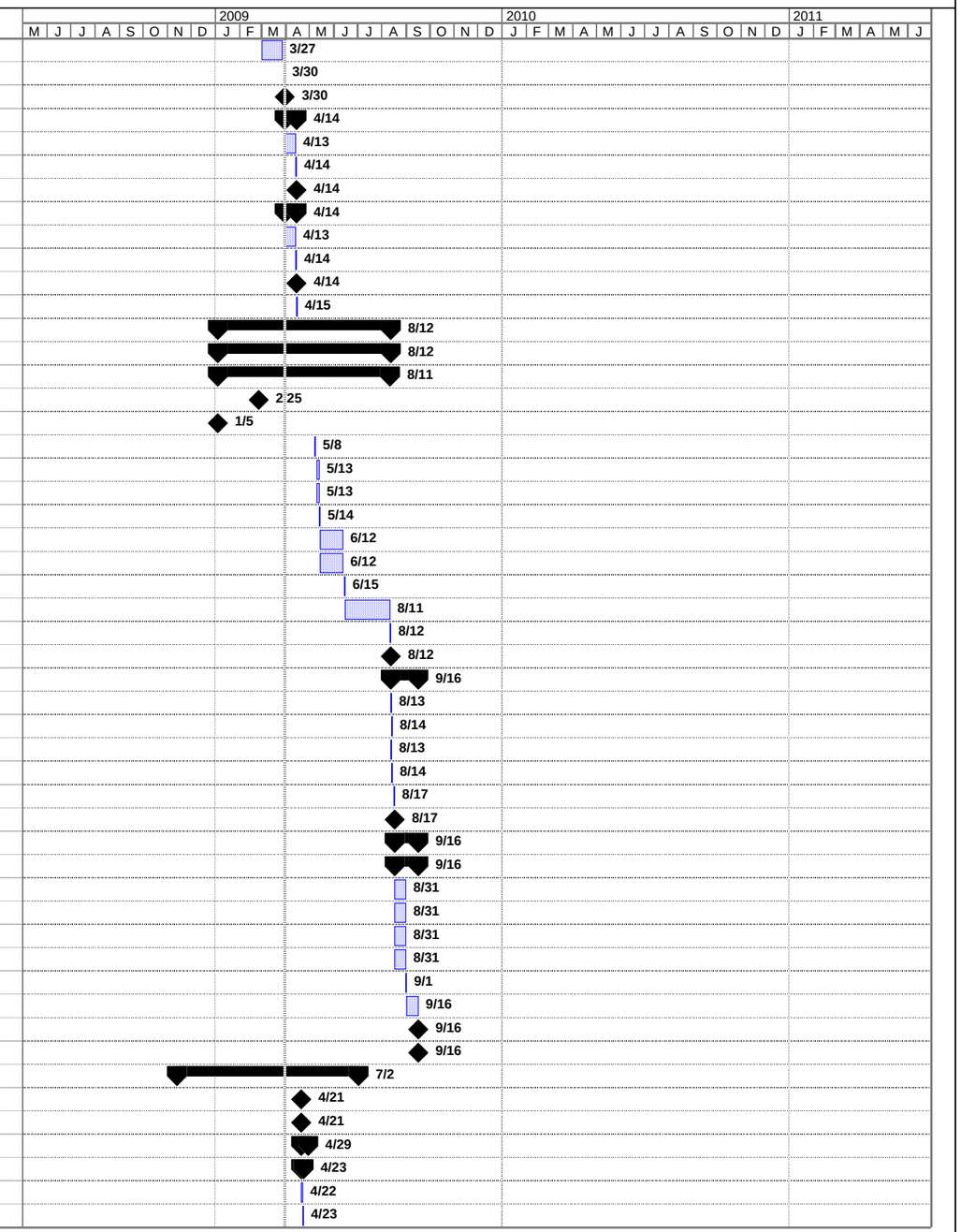


Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

ERCOT Public
Nodal IPS

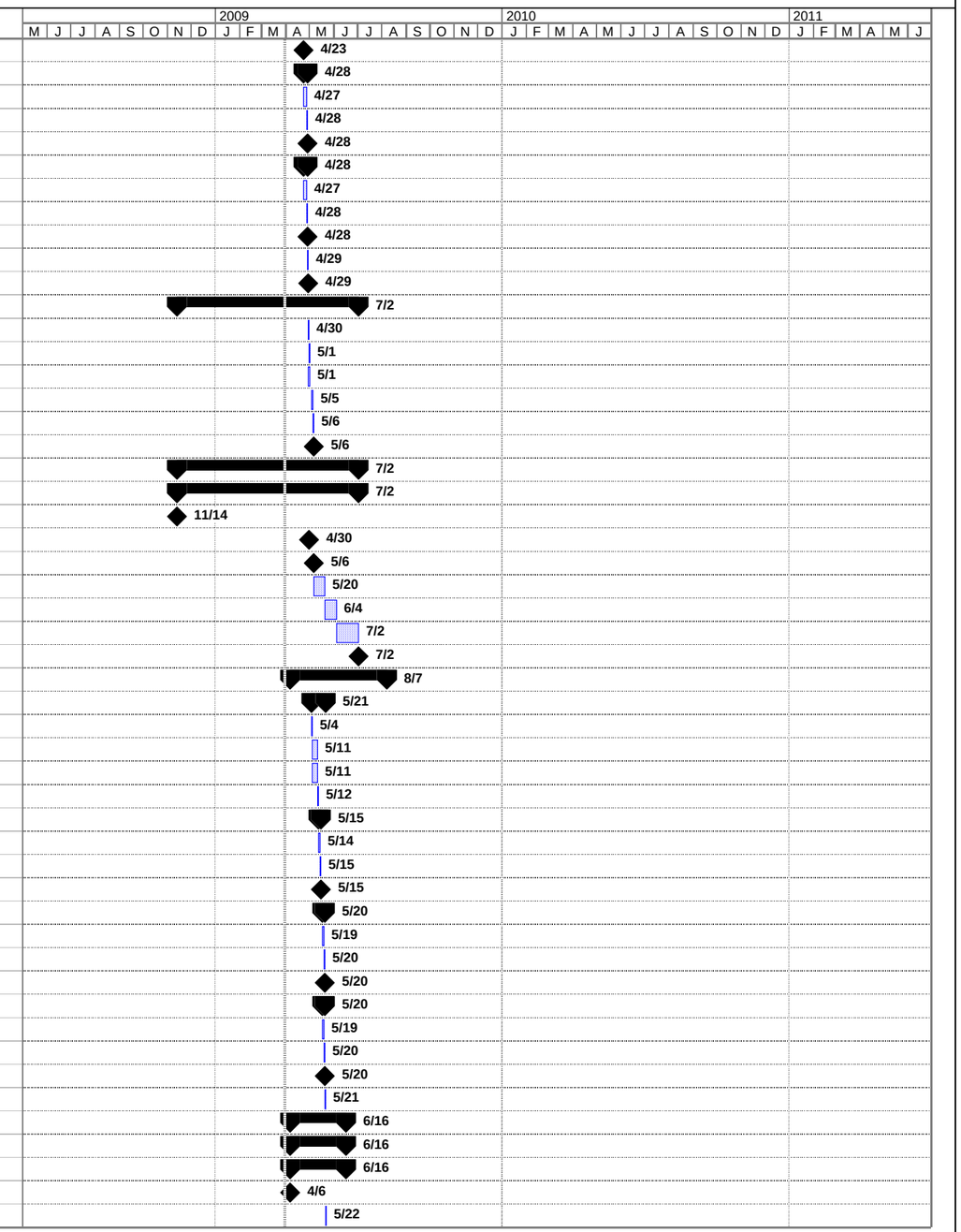
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
197	MMS	Create & Update Test Plan	20 days	0%	Mon 3/2/09	Fri 3/27/09
198	MMS	Review & Approve Test Plan	1 day	0%	Mon 3/30/09	Mon 3/30/09
199	MMS	Test Plan Completed	0 days	0%	Mon 3/30/09	Mon 3/30/09
200	**MMS**	**Create EWS=>MMS Test Cases**	**11 days**	**0%**	**Tue 3/31/09**	**Tue 4/14/09**
201	MMS	Create EWS=>MMS Test Cases	10 days	0%	Tue 3/31/09	Mon 4/13/09
202	MMS	Review & Approve Test Cases	1 day	0%	Tue 4/14/09	Tue 4/14/09
203	MMS	Test Cases Completed	0 days	0%	Tue 4/14/09	Tue 4/14/09
204	**MMS**	**Create EWS=>MMS Scripts**	**11 days**	**0%**	**Tue 3/31/09**	**Tue 4/14/09**
205	MMS	Create EWS=>MMS Test Scripts	10 days	0%	Tue 3/31/09	Mon 4/13/09
206	MMS	Review & Approve Test Scripts	1 day	0%	Tue 4/14/09	Tue 4/14/09
207	MMS	Test Scripts Completed	0 days	0%	Tue 4/14/09	Tue 4/14/09
208	MMS	Migrate EWS=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 4/15/09	Wed 4/15/09
209	**MMS**	**Migrate EWS=>MMS to FAT**	**156 days**	**0%**	**Mon 1/5/09**	**Wed 8/12/09**
210	**MMS**	**Execute EWS=>MMS Interface Tests (Multiple > 20)**	**156 days**	**0%**	**Mon 1/5/09**	**Wed 8/12/09**
211	**MMS**	**FAT Setup & Test**	**155 days**	**0%**	**Mon 1/5/09**	**Tue 8/11/09**
212	MMS	EWS v1.18x is available	0 days	100%	Wed 2/25/09	Wed 2/25/09
213	MMS	MMS/EWS Testing Harness in place (where applicable)	0 days	100%	Mon 1/5/09	Mon 1/5/09
214	MMS	Receive specifications from EWS (if applicable))	1 day	0%	Fri 5/8/09	Fri 5/8/09
215	MMS	Analyze specifications for Compatibility (e.g. string length, valid static data-QSE name)	3 days	0%	Mon 5/11/09	Wed 5/13/09
216	MMS	Analyze data processing of changes (if necessary) for correctness	3 days	0%	Mon 5/11/09	Wed 5/13/09
217	MMS	Load specifications from EWS into MMS	1 day	0%	Thu 5/14/09	Thu 5/14/09
218	MMS	Perform submissions (bids, offers, etc.)	20 days	0%	Fri 5/15/09	Fri 6/12/09
219	MMS	Verify submissions & updates successful	20 days	0%	Fri 5/15/09	Fri 6/12/09
220	MMS	Log EWS FAT defect (if necessary)	1 day	0%	Mon 6/15/09	Mon 6/15/09
221	MMS	Repair & Verify EWS FAT Defect Fixes	40 days	0%	Tue 6/16/09	Tue 8/11/09
222	MMS	EWS (Submissions / Updates) Interface Test Completed	1 day	0%	Wed 8/12/09	Wed 8/12/09
223	MMS	EWS=>MMS FAT Test Execution Completed	0 days	0%	Wed 8/12/09	Wed 8/12/09
224	**MMS**	**Migrate EWS=>MMS to iTest**	**24 days**	**0%**	**Thu 8/13/09**	**Wed 9/16/09**
225	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Thu 8/13/09	Thu 8/13/09
226	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Fri 8/14/09	Fri 8/14/09
227	MMS	Review EWS=>MMS Test Plans, Cases & Scripts	1 day	0%	Thu 8/13/09	Thu 8/13/09
228	MMS	Modify EWS=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Fri 8/14/09	Fri 8/14/09
229	MMS	Approve EWS=>MMS Test Plans, Cases & Scripts	1 day	0%	Mon 8/17/09	Mon 8/17/09
230	MMS	EWS=>MMS Interface Ready for iTest	0 days	0%	Mon 8/17/09	Mon 8/17/09
231	**MMS**	**Execute EWS=>MMS Integration Tests (Multiple > 20)**	**21 days**	**0%**	**Tue 8/18/09**	**Wed 9/16/09**
232	**MMS**	**iTEST Setep & Test**	**21 days**	**0%**	**Tue 8/18/09**	**Wed 9/16/09**
233	MMS	EWS - perform submission and updates file	10 days	0%	Tue 8/18/09	Mon 8/31/09
234	MMS	EIP - transport EWS data file to MMS repository	10 days	0%	Tue 8/18/09	Mon 8/31/09
235	MMS	MMS - receive & process EWS data file	10 days	0%	Tue 8/18/09	Mon 8/31/09
236	MMS	MMS - Verify EWS submissions and updates successful	10 days	0%	Tue 8/18/09	Mon 8/31/09
237	MMS	Log EWS/MMS iTest defect (if necessary)	1 day	0%	Tue 9/1/09	Tue 9/1/09
238	MMS	Repair & verify EWS iTest Defect Fixes	10 days	0%	Wed 9/2/09	Wed 9/16/09
239	MMS	EWS (Submissions / Updates) Integration Test Completed	0 days	0%	Wed 9/16/09	Wed 9/16/09
240	MMS	EWS=>MMS iTest Test Execution Completed	0 days	0%	Wed 9/16/09	Wed 9/16/09
241	**MMS**	**MPIM to MMS**	**151 days**	**0%**	**Fri 11/14/08**	**Thu 7/2/09**
242	MMS	MMS Roles defined	0 days	0%	Tue 4/21/09	Tue 4/21/09
243	MMS	MMS LDAP and tables established	0 days	0%	Tue 4/21/09	Tue 4/21/09
244	**MMS**	**Develop MPIM=>MMS Test Plans, Cases & Scripts**	**7 days**	**0%**	**Tue 4/21/09**	**Wed 4/29/09**
245	**MMS**	**Create MPIM=>MMS Test Plan**	**3 days**	**0%**	**Tue 4/21/09**	**Thu 4/23/09**
246	MMS	Create & Update Test Plan	2 days	0%	Tue 4/21/09	Wed 4/22/09
247	MMS	Review & Approve Test Plan	1 day	0%	Thu 4/23/09	Thu 4/23/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

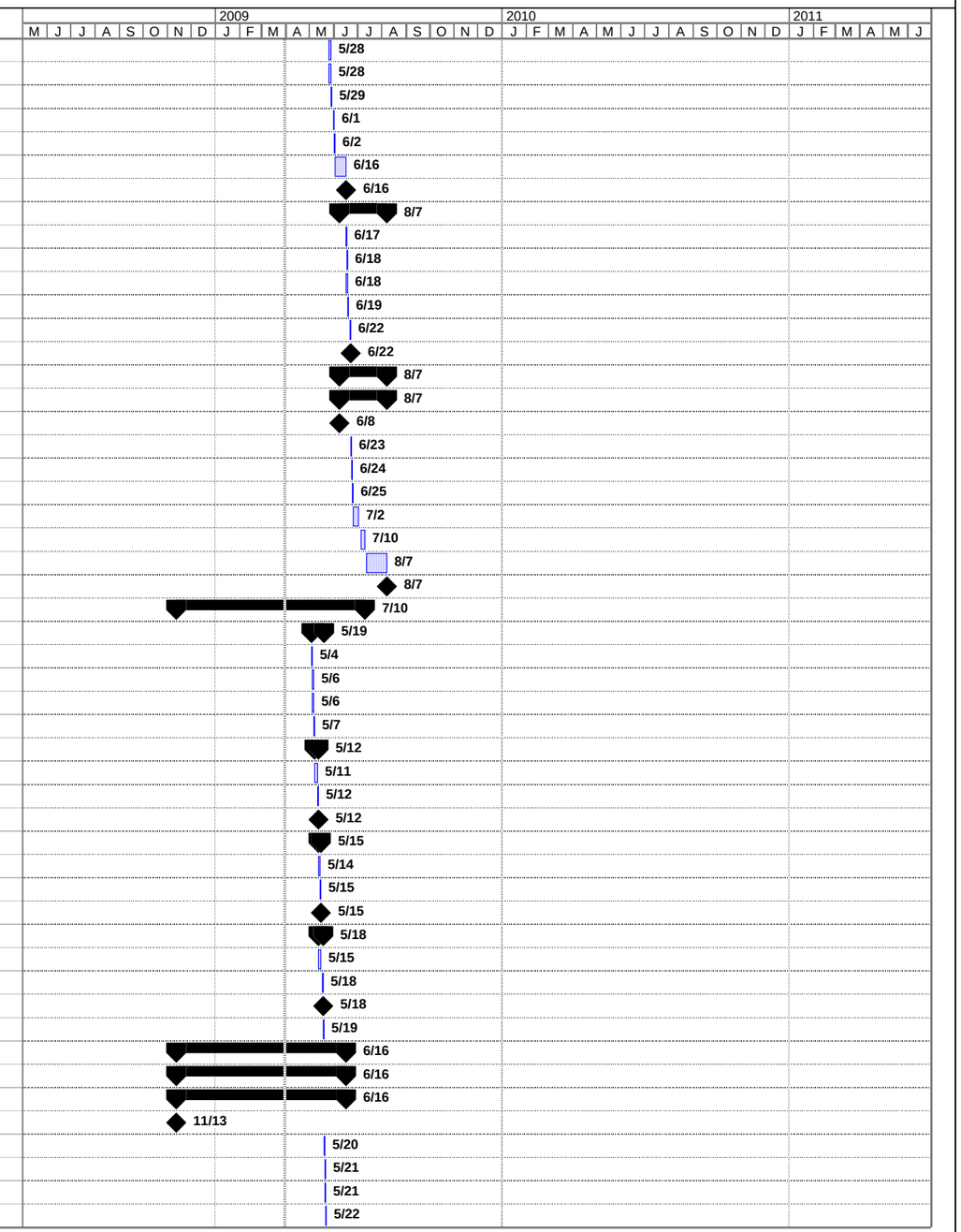
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
248	MMS	Test Plan Completed	0 days	0%	Thu 4/23/09	Thu 4/23/09
249	**MMS**	**Create MPIM=>MMS Test Cases**	**3 days**	**0%**	**Fri 4/24/09**	**Tue 4/28/09**
250	MMS	Create MPIM=>MMS Test Cases	2 days	0%	Fri 4/24/09	Mon 4/27/09
251	MMS	Review & Approve Test Cases	1 day	0%	Tue 4/28/09	Tue 4/28/09
252	MMS	Test Cases Completed	0 days	0%	Tue 4/28/09	Tue 4/28/09
253	**MMS**	**Create MPIM=>MMS Scripts**	**3 days**	**0%**	**Fri 4/24/09**	**Tue 4/28/09**
254	MMS	Create MPIM=>MMS Test Scripts	2 days	0%	Fri 4/24/09	Mon 4/27/09
255	MMS	Review & Approve Test Scripts	1 day	0%	Tue 4/28/09	Tue 4/28/09
256	MMS	Test Scripts Completed	0 days	0%	Tue 4/28/09	Tue 4/28/09
257	MMS	Submit MPIM=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 4/29/09	Wed 4/29/09
258	MMS	Migrate MPIM=>MMS to FAT (MPIM is not present in FAT)	0 days	0%	Wed 4/29/09	Wed 4/29/09
259	**MMS**	**Migrate MPIM=>MMS to iTest**	**151 days**	**0%**	**Fri 11/14/08**	**Thu 7/2/09**
260	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Thu 4/30/09	Thu 4/30/09
261	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Fri 5/1/09	Fri 5/1/09
262	MMS	Review MPIM=>MMS Test Plans, Cases & Scripts	2 days	0%	Thu 4/30/09	Fri 5/1/09
263	MMS	Modify MPIM=>MMS Test Plans, Cases & Scripts (if necessary)	2 days	0%	Mon 5/4/09	Tue 5/5/09
264	MMS	Approve MPIM=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 5/6/09	Wed 5/6/09
265	MMS	MPIM=>MMS Interface Ready for iTest	0 days	0%	Wed 5/6/09	Wed 5/6/09
266	**MMS**	**Execute MPIM=>MMS Integration Test**	**151 days**	**0%**	**Fri 11/14/08**	**Thu 7/2/09**
267	**MMS**	**iTEST Setup & Test**	**151 days**	**0%**	**Fri 11/14/08**	**Thu 7/2/09**
268	MMS	MPIM available	0 days	100%	Fri 11/14/08	Fri 11/14/08
269	MMS	MMS Roles defined	0 days	0%	Thu 4/30/09	Thu 4/30/09
270	MMS	MMS LDAP and tables established	0 days	0%	Wed 5/6/09	Wed 5/6/09
271	MMS	Validate Roles and access to MMS	10 days	0%	Thu 5/7/09	Wed 5/20/09
272	MMS	Log MPIM iTest defect (if necessary)	10 days	0%	Thu 5/21/09	Thu 6/4/09
273	MMS	Repair & Verify MPIM FAT Defect Fixes	20 days	0%	Fri 6/5/09	Thu 7/2/09
274	MMS	MPIM=>MMS iTest Test Execution Completed	0 days	0%	Thu 7/2/09	Thu 7/2/09
275	**MMS**	**NMMS to MMS**	**87 days**	**0%**	**Mon 4/6/09**	**Fri 8/7/09**
276	**MMS**	**Develop NMMS=>MMS Test Plans, Cases & Scripts**	**14 days**	**0%**	**Mon 5/4/09**	**Thu 5/21/09**
277	MMS	Receive most recent "Production Ready" file from NMMS for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
278	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	5 days	0%	Tue 5/5/09	Mon 5/11/09
279	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	5 days	0%	Tue 5/5/09	Mon 5/11/09
280	MMS	Conduct meeting with NMMS team to discuss business logic	1 day	0%	Tue 5/12/09	Tue 5/12/09
281	**MMS**	**Create NMMS=>MMS Test Plan**	**3 days**	**0%**	**Wed 5/13/09**	**Fri 5/15/09**
282	MMS	Create & Update Test Plan	2 days	0%	Wed 5/13/09	Thu 5/14/09
283	MMS	Review & Approve Test Plan	1 day	0%	Fri 5/15/09	Fri 5/15/09
284	MMS	Test Plan Completed	0 days	0%	Fri 5/15/09	Fri 5/15/09
285	**MMS**	**Create NMMS=>MMS Test Cases**	**3 days**	**0%**	**Mon 5/18/09**	**Wed 5/20/09**
286	MMS	Create NMMS=>MMS Test Cases	2 days	0%	Mon 5/18/09	Tue 5/19/09
287	MMS	Review & Approve Test Cases	1 day	0%	Wed 5/20/09	Wed 5/20/09
288	MMS	Test Cases Completed	0 days	0%	Wed 5/20/09	Wed 5/20/09
289	**MMS**	**Create NMMS=>MMS Scripts**	**3 days**	**0%**	**Mon 5/18/09**	**Wed 5/20/09**
290	MMS	Create NMMS=>MMS Test Scripts	2 days	0%	Mon 5/18/09	Tue 5/19/09
291	MMS	Review & Approve Test Scripts	1 day	0%	Wed 5/20/09	Wed 5/20/09
292	MMS	Test Scripts Completed	0 days	0%	Wed 5/20/09	Wed 5/20/09
293	MMS	Migrate NMMS=>MMS Test Plans, Cases & Scripts	1 day	0%	Thu 5/21/09	Thu 5/21/09
294	**MMS**	**Migrate NMMS=>MMS to FAT**	**50 days**	**0%**	**Mon 4/6/09**	**Tue 6/16/09**
295	**MMS**	**Execute NMMS=>MMS Interface Tests (5)**	**50 days**	**0%**	**Mon 4/6/09**	**Tue 6/16/09**
296	**MMS**	**FAT Setup & Test**	**50 days**	**0%**	**Mon 4/6/09**	**Tue 6/16/09**
297	MMS	NMMS data file available	0 days	0%	Mon 4/6/09	Mon 4/6/09
298	MMS	Receive file from NMMS (Full and Incremental (if applicable))	1 day	0%	Fri 5/22/09	Fri 5/22/09



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

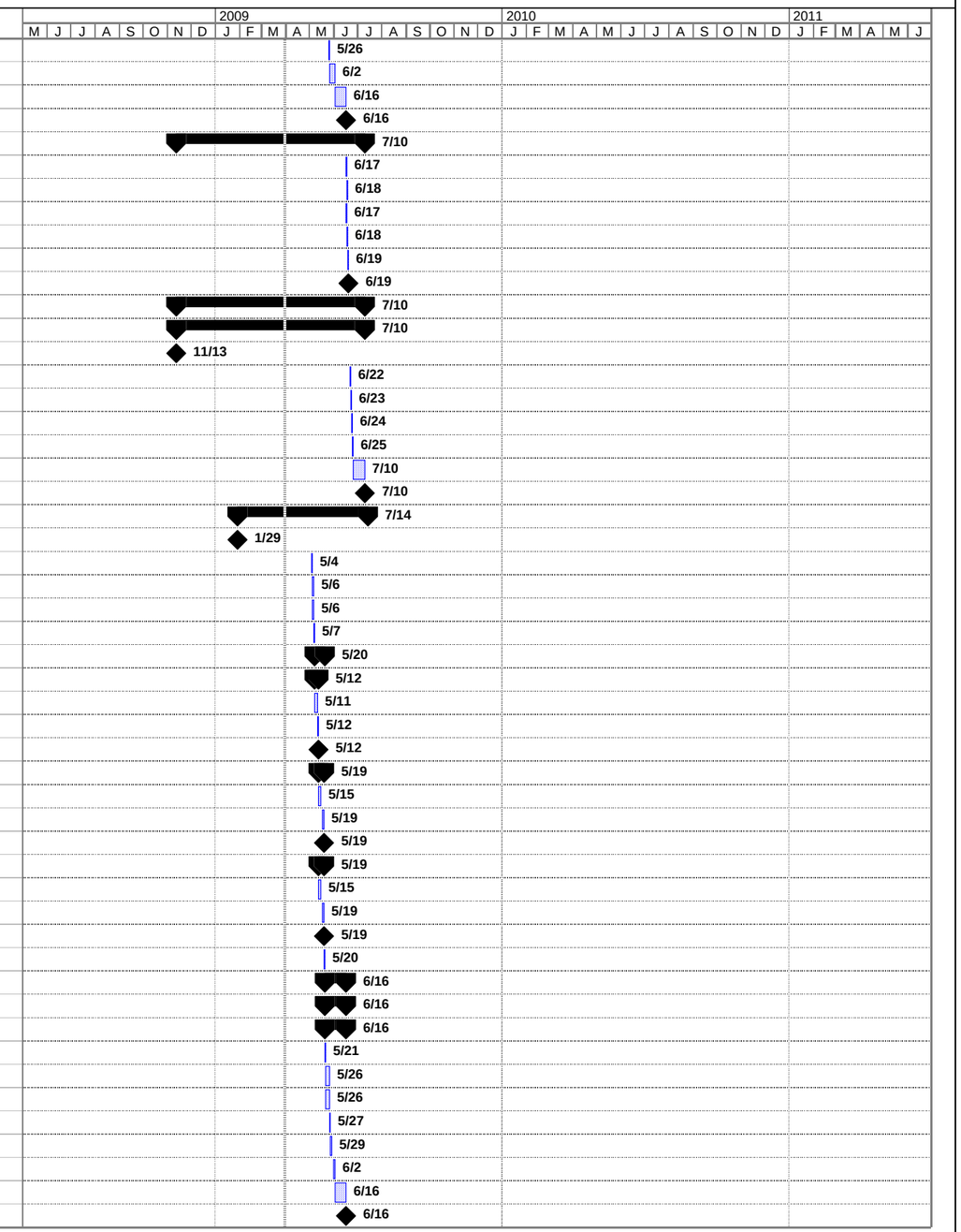
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
299	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	3 days	0%	Tue 5/26/09	Thu 5/28/09
300	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	3 days	0%	Tue 5/26/09	Thu 5/28/09
301	MMS	Load file from NMMS into MMS	1 day	0%	Fri 5/29/09	Fri 5/29/09
302	MMS	Verify NMMS FAT data load and update successful	1 day	0%	Mon 6/1/09	Mon 6/1/09
303	MMS	Log NMMS FAT defect (if necessary)	1 day	0%	Tue 6/2/09	Tue 6/2/09
304	MMS	Repair & Verify NMMS FAT Defect Fixes	10 days	0%	Wed 6/3/09	Tue 6/16/09
305	MMS	NMMS=>MMS FAT Test Execution Completed	0 days	0%	Tue 6/16/09	Tue 6/16/09
306	**MMS**	**Migrate NMMS=>MMS to iTest**	**43.5 days**	**0%**	**Mon 6/8/09**	**Fri 8/7/09**
307	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 6/17/09	Wed 6/17/09
308	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 6/18/09	Thu 6/18/09
309	MMS	Review NMMS=>MMS Test Plans, Cases & Scripts	2 days	0%	Wed 6/17/09	Thu 6/18/09
310	MMS	Modify NMMS=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Fri 6/19/09	Fri 6/19/09
311	MMS	Approve NMMS=>MMS Test Plans, Cases & Scripts	1 day	0%	Mon 6/22/09	Mon 6/22/09
312	MMS	NMMS=>MMS Interface Ready for iTest	0 days	0%	Mon 6/22/09	Mon 6/22/09
313	**MMS**	**Execute NMMS=>MMS Integration Tests (5)**	**43.5 days**	**0%**	**Mon 6/8/09**	**Fri 8/7/09**
314	**MMS**	**iTEST**	**43.5 days**	**0%**	**Mon 6/8/09**	**Fri 8/7/09**
315	MMS	NMMS data file available	0 days	0%	Mon 6/8/09	Mon 6/8/09
316	MMS	NMMS - generate data file	1 day	0%	Tue 6/23/09	Tue 6/23/09
317	MMS	EIP - transport NMMS data file to MMS repository	1 day	0%	Wed 6/24/09	Wed 6/24/09
318	MMS	MMS - receive & process NMMS data file	1 day	0%	Thu 6/25/09	Thu 6/25/09
319	MMS	MMS - Verify NMMS iTest data load and update successful	5 days	0%	Fri 6/26/09	Thu 7/2/09
320	MMS	Log NMMS iTest defect (if necessary)	5 days	0%	Mon 7/6/09	Fri 7/10/09
321	MMS	Repair & Verify NMMS iTest Defect Fixes	20 days	0%	Mon 7/13/09	Fri 8/7/09
322	MMS	NMMS=>MMS iTest Test Execution Completed	0 days	0%	Fri 8/7/09	Fri 8/7/09
323	**MMS**	**OS to MMS**	**157 days**	**0%**	**Thu 11/13/08**	**Fri 7/10/09**
324	**MMS**	**Develop OS=>MMS Test Plans, Cases & Scripts**	**12 days**	**0%**	**Mon 5/4/09**	**Tue 5/19/09**
325	MMS	Receive most recent "Production Ready" file from OS for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
326	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Tue 5/5/09	Wed 5/6/09
327	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	2 days	0%	Tue 5/5/09	Wed 5/6/09
328	MMS	Conduct meeting with OS team to discuss business logic	1 day	0%	Thu 5/7/09	Thu 5/7/09
329	**MMS**	**Create OS=>MMS Test Plan**	**3 days**	**0%**	**Fri 5/8/09**	**Tue 5/12/09**
330	MMS	Create & Update Test Plan	2 days	0%	Fri 5/8/09	Mon 5/11/09
331	MMS	Review & Approve Test Plan	1 day	0%	Tue 5/12/09	Tue 5/12/09
332	MMS	Test Plan Completed	0 days	0%	Tue 5/12/09	Tue 5/12/09
333	**MMS**	**Create OS=>MMS Test Cases**	**3 days**	**0%**	**Wed 5/13/09**	**Fri 5/15/09**
334	MMS	Create OS=>MMS Test Cases	2 days	0%	Wed 5/13/09	Thu 5/14/09
335	MMS	Review & Approve Test Cases	1 day	0%	Fri 5/15/09	Fri 5/15/09
336	MMS	Test Cases Completed	0 days	0%	Fri 5/15/09	Fri 5/15/09
337	**MMS**	**Create OS=>MMS Scripts**	**4 days**	**0%**	**Wed 5/13/09**	**Mon 5/18/09**
338	MMS	Create OS=>MMS Test Scripts	3 days	0%	Wed 5/13/09	Fri 5/15/09
339	MMS	Review & Approve Test Scripts	1 day	0%	Mon 5/18/09	Mon 5/18/09
340	MMS	Test Scripts Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
341	MMS	Migrate OS=>MMS Test Plans, Cases & Scripts	1 day	0%	Tue 5/19/09	Tue 5/19/09
342	**MMS**	**Migrate OS=>MMS to FAT**	**140 days**	**0%**	**Thu 11/13/08**	**Tue 6/16/09**
343	**MMS**	**Execute OS=>MMS Interface Tests (1)**	**140 days**	**0%**	**Thu 11/13/08**	**Tue 6/16/09**
344	**MMS**	**FAT Setup & Test**	**140 days**	**0%**	**Thu 11/13/08**	**Tue 6/16/09**
345	MMS	OS data tables are available	0 days	100%	Thu 11/13/08	Thu 11/13/08
346	MMS	Receive file from OS (Full and Incremental (if applicable))	1 day	0%	Wed 5/20/09	Wed 5/20/09
347	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Thu 5/21/09	Thu 5/21/09
348	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Thu 5/21/09	Thu 5/21/09
349	MMS	Load file from OS into MMS	1 day	0%	Fri 5/22/09	Fri 5/22/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
350	MMS	Verify OS FAT data load and update successful	1 day	0%	Tue 5/26/09	Tue 5/26/09
351	MMS	Log OS FAT defect (if necessary)	5 days	0%	Wed 5/27/09	Tue 6/2/09
352	MMS	Repair & Verify OS FAT Defect Fixes	10 days	0%	Wed 6/3/09	Tue 6/16/09
353	MMS	OS=>MMS FAT Test Execution Completed	0 days	0%	Tue 6/16/09	Tue 6/16/09
354	**MMS**	**Migrate OS=>MMS to iTest**	**157 days**	**0%**	**Thu 11/13/08**	**Fri 7/10/09**
355	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 6/17/09	Wed 6/17/09
356	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 6/18/09	Thu 6/18/09
357	MMS	Review OS=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 6/17/09	Wed 6/17/09
358	MMS	Modify OS=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Thu 6/18/09	Thu 6/18/09
359	MMS	Approve OS=>MMS Test Plans, Cases & Scripts	1 day	0%	Fri 6/19/09	Fri 6/19/09
360	MMS	OS=>MMS Interface Ready for iTest	0 days	0%	Fri 6/19/09	Fri 6/19/09
361	**MMS**	**Execute OS=>MMS Integration Tests (1)**	**157 days**	**0%**	**Thu 11/13/08**	**Fri 7/10/09**
362	**MMS**	**iTEST Setup & Test**	**157 days**	**0%**	**Thu 11/13/08**	**Fri 7/10/09**
363	MMS	OS data tables are available	0 days	100%	Thu 11/13/08	Thu 11/13/08
364	MMS	OS - generate data file	1 day	0%	Mon 6/22/09	Mon 6/22/09
365	MMS	MMS - receive & process OS data file	1 day	0%	Tue 6/23/09	Tue 6/23/09
366	MMS	MMS - Verify OS iTest data load and update successful	1 day	0%	Wed 6/24/09	Wed 6/24/09
367	MMS	Log OS iTest defect (if necessary)	1 day	0%	Thu 6/25/09	Thu 6/25/09
368	MMS	Repair & Verify OS iTest Defect Fixes	10 days	0%	Fri 6/26/09	Fri 7/10/09
369	MMS	OS=>MMS iTest Test Execution Completed	0 days	0%	Fri 7/10/09	Fri 7/10/09
370	**MMS**	**PLATTS to MMS**	**116 days**	**0%**	**Thu 1/29/09**	**Tue 7/14/09**
371	MMS	PLATTS data file available	0 days	100%	Thu 1/29/09	Thu 1/29/09
372	MMS	Receive most recent "Production Ready" file from PLATTS for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
373	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Tue 5/5/09	Wed 5/6/09
374	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	2 days	0%	Tue 5/5/09	Wed 5/6/09
375	MMS	Conduct meeting with PLATTS team to discuss business logic	1 day	0%	Thu 5/7/09	Thu 5/7/09
376	**MMS**	**Develop PLATTS=>MMS Test Plans, Cases & Scripts**	**9 days**	**0%**	**Fri 5/8/09**	**Wed 5/20/09**
377	**MMS**	**Create PLATTS=>MMS Test Plan**	**3 days**	**0%**	**Fri 5/8/09**	**Tue 5/12/09**
378	MMS	Create & Update Test Plan	2 days	0%	Fri 5/8/09	Mon 5/11/09
379	MMS	Review & Approve Test Plan	1 day	0%	Tue 5/12/09	Tue 5/12/09
380	MMS	Test Plan Completed	0 days	0%	Tue 5/12/09	Tue 5/12/09
381	**MMS**	**Create PLATTS=>MMS Test Cases**	**5 days**	**0%**	**Wed 5/13/09**	**Tue 5/19/09**
382	MMS	Create PLATTS=>MMS Test Cases	3 days	0%	Wed 5/13/09	Fri 5/15/09
383	MMS	Review & Approve Test Cases	2 days	0%	Mon 5/18/09	Tue 5/19/09
384	MMS	Test Cases Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
385	**MMS**	**Create PLATTS=>MMS Scripts**	**5 days**	**0%**	**Wed 5/13/09**	**Tue 5/19/09**
386	MMS	Create PLATTS=>MMS Test Scripts	3 days	0%	Wed 5/13/09	Fri 5/15/09
387	MMS	Review & Approve Test Scripts	2 days	0%	Mon 5/18/09	Tue 5/19/09
388	MMS	Test Scripts Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
389	MMS	Migrate PLATTS=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 5/20/09	Wed 5/20/09
390	**MMS**	**Migrate PLATTS=>MMS to FAT**	**18 days**	**0%**	**Thu 5/21/09**	**Tue 6/16/09**
391	**MMS**	**Execute PLATTS=>MMS Interface Tests (1)**	**18 days**	**0%**	**Thu 5/21/09**	**Tue 6/16/09**
392	**MMS**	**FAT Setup & Test**	**18 days**	**0%**	**Thu 5/21/09**	**Tue 6/16/09**
393	MMS	Receive file from PLATTS (Full and Incremental (if applicable))	1 day	0%	Thu 5/21/09	Thu 5/21/09
394	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Fri 5/22/09	Tue 5/26/09
395	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	2 days	0%	Fri 5/22/09	Tue 5/26/09
396	MMS	Load file from PLATTS into MMS	1 day	0%	Wed 5/27/09	Wed 5/27/09
397	MMS	Verify PLATTS FAT data load and update successful	2 days	0%	Thu 5/28/09	Fri 5/29/09
398	MMS	Log PLATTS FAT defect (if necessary)	2 days	0%	Mon 6/1/09	Tue 6/2/09
399	MMS	Repair & Verify PLATTS FAT Defect Fixes	10 days	0%	Wed 6/3/09	Tue 6/16/09
400	MMS	PLATTS=>MMS FAT Test Execution Completed	0 days	0%	Tue 6/16/09	Tue 6/16/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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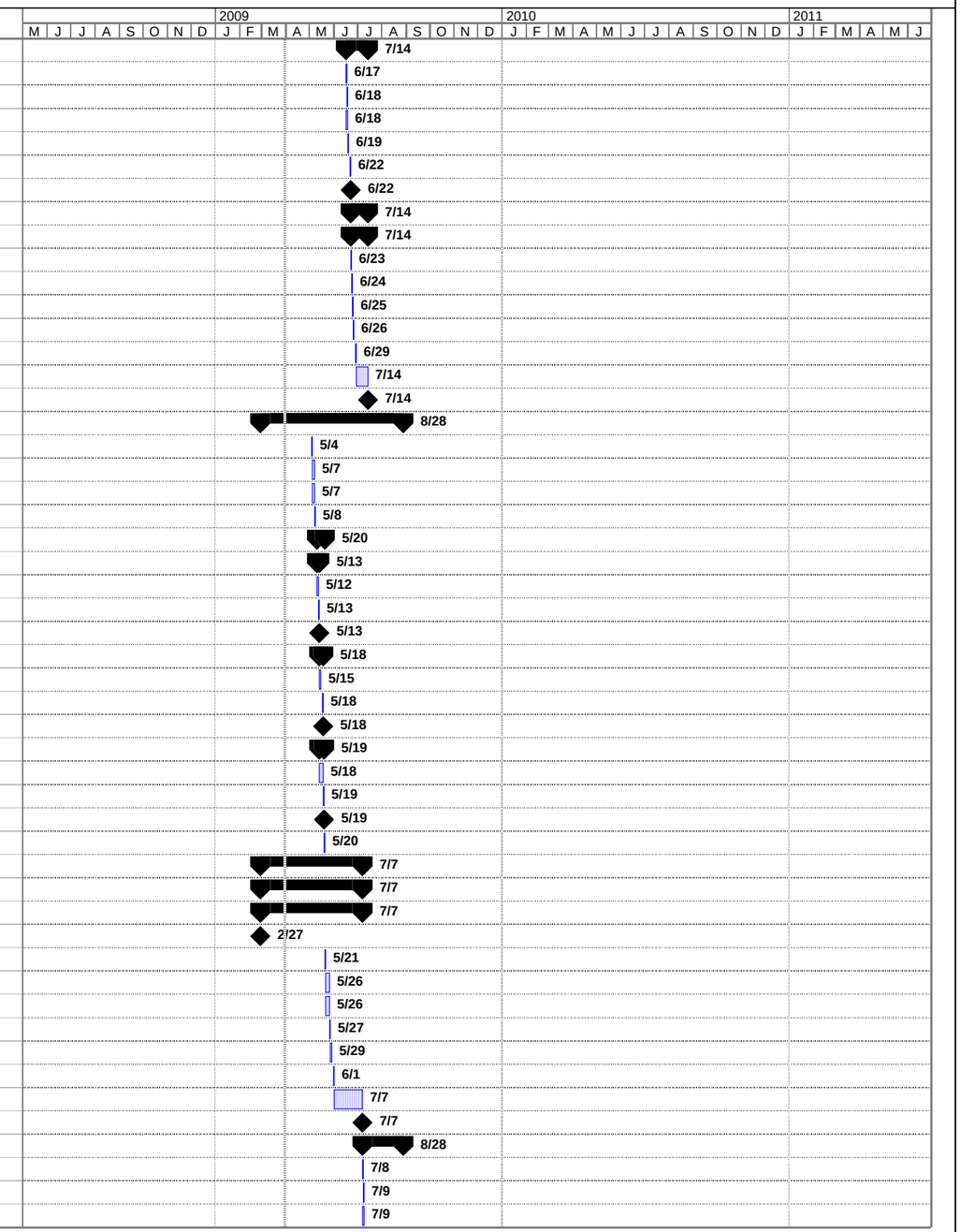
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
401	**MMS**	**Migrate PLATTS=>MMS to iTest**	**19 days**	**0%**	**Wed 6/17/09**	**Tue 7/14/09**
402	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 6/17/09	Wed 6/17/09
403	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 6/18/09	Thu 6/18/09
404	MMS	Review PLATTS=>MMS Test Plans, Cases & Scripts	2 days	0%	Wed 6/17/09	Thu 6/18/09
405	MMS	Modify PLATTS=>MMS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Fri 6/19/09	Fri 6/19/09
406	MMS	Approve PLATTS=>MMS Test Plans, Cases & Scripts	1 day	0%	Mon 6/22/09	Mon 6/22/09
407	MMS	PLATTS=>MMS Interface Ready for iTest	0 days	0%	Mon 6/22/09	Mon 6/22/09
408	**MMS**	**Execute PLATTS=>MMS Integration Tests (1)**	**15 days**	**0%**	**Tue 6/23/09**	**Tue 7/14/09**
409	**MMS**	**iTEST Setup & Test**	**15 days**	**0%**	**Tue 6/23/09**	**Tue 7/14/09**
410	MMS	PLATTS - generate data file	1 day	0%	Tue 6/23/09	Tue 6/23/09
411	MMS	EIP - transport PLATTS data file to MMS repository	1 day	0%	Wed 6/24/09	Wed 6/24/09
412	MMS	MMS - receive & process PLATTS data file	1 day	0%	Thu 6/25/09	Thu 6/25/09
413	MMS	MMS - Verify PLATTS iTest data load and update successful	1 day	0%	Fri 6/26/09	Fri 6/26/09
414	MMS	Log PLATTS iTest defect (if necessary)	1 day	0%	Mon 6/29/09	Mon 6/29/09
415	MMS	Repair & Verify PLATTS iTest Defect Fixes	10 days	0%	Tue 6/30/09	Tue 7/14/09
416	MMS	PLATTS=>MMS iTest Test Execution Completed	0 days	0%	Tue 7/14/09	Tue 7/14/09
417	**MMS**	**REG to MMS**	**128 days**	**0%**	**Fri 2/27/09**	**Fri 8/28/09**
418	MMS	Receive most recent "Production Ready" file from REG for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
419	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	3 days	0%	Tue 5/5/09	Thu 5/7/09
420	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	3 days	0%	Tue 5/5/09	Thu 5/7/09
421	MMS	Conduct meeting with REG team to discuss business logic	1 day	0%	Fri 5/8/09	Fri 5/8/09
422	**MMS**	**Develop REG=>MMS Test Plans, Cases & Scripts**	**8 days**	**0%**	**Mon 5/11/09**	**Wed 5/20/09**
423	**MMS**	**Create REG=>MMS Test Plan**	**3 days**	**0%**	**Mon 5/11/09**	**Wed 5/13/09**
424	MMS	Create & Update Test Plan	2 days	0%	Mon 5/11/09	Tue 5/12/09
425	MMS	Review & Approve Test Plan	1 day	0%	Wed 5/13/09	Wed 5/13/09
426	MMS	Test Plan Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
427	**MMS**	**Create REG=>MMS Test Cases**	**3 days**	**0%**	**Thu 5/14/09**	**Mon 5/18/09**
428	MMS	Create REG=>MMS Test Cases	2 days	0%	Thu 5/14/09	Fri 5/15/09
429	MMS	Review & Approve Test Cases	1 day	0%	Mon 5/18/09	Mon 5/18/09
430	MMS	Test Cases Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
431	**MMS**	**Create REG=>MMS Scripts**	**4 days**	**0%**	**Thu 5/14/09**	**Tue 5/19/09**
432	MMS	Create REG=>MMS Test Scripts	3 days	0%	Thu 5/14/09	Mon 5/18/09
433	MMS	Review & Approve Test Scripts	1 day	0%	Tue 5/19/09	Tue 5/19/09
434	MMS	Test Scripts Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
435	MMS	Migrate REG=>MMS Test Plans, Cases & Scripts	1 day	0%	Wed 5/20/09	Wed 5/20/09
436	**MMS**	**Migrate REG=>MMS to FAT**	**90 days**	**0%**	**Fri 2/27/09**	**Tue 7/7/09**
437	**MMS**	**Execute REG=>MMS Interface Tests (8)**	**90 days**	**0%**	**Fri 2/27/09**	**Tue 7/7/09**
438	**MMS**	**FAT Setup & Test**	**90 days**	**0%**	**Fri 2/27/09**	**Tue 7/7/09**
439	MMS	Registration data file available	0 days	100%	Fri 2/27/09	Fri 2/27/09
440	MMS	Receive file from REG (Full and Incremental (if applicable))	1 day	0%	Thu 5/21/09	Thu 5/21/09
441	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Fri 5/22/09	Tue 5/26/09
442	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	2 days	0%	Fri 5/22/09	Tue 5/26/09
443	MMS	Load file from REG into MMS	1 day	0%	Wed 5/27/09	Wed 5/27/09
444	MMS	Verify REG FAT data load and update successful	2 days	0%	Thu 5/28/09	Fri 5/29/09
445	MMS	Log REG FAT defect (if necessary)	1 day	0%	Mon 6/1/09	Mon 6/1/09
446	MMS	Repair & Verify REG FAT Defect Fixes	25 days	0%	Tue 6/2/09	Tue 7/7/09
447	MMS	REG=>MMS FAT Test Execution Completed	0 days	0%	Tue 7/7/09	Tue 7/7/09
448	**MMS**	**Migrate REG=>MMS to iTest**	**38 days**	**0%**	**Wed 7/8/09**	**Fri 8/28/09**
449	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 7/8/09	Wed 7/8/09
450	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 7/9/09	Thu 7/9/09
451	MMS	Review REG=>MMS Test Plans, Cases & Scripts	2 days	0%	Wed 7/8/09	Thu 7/9/09

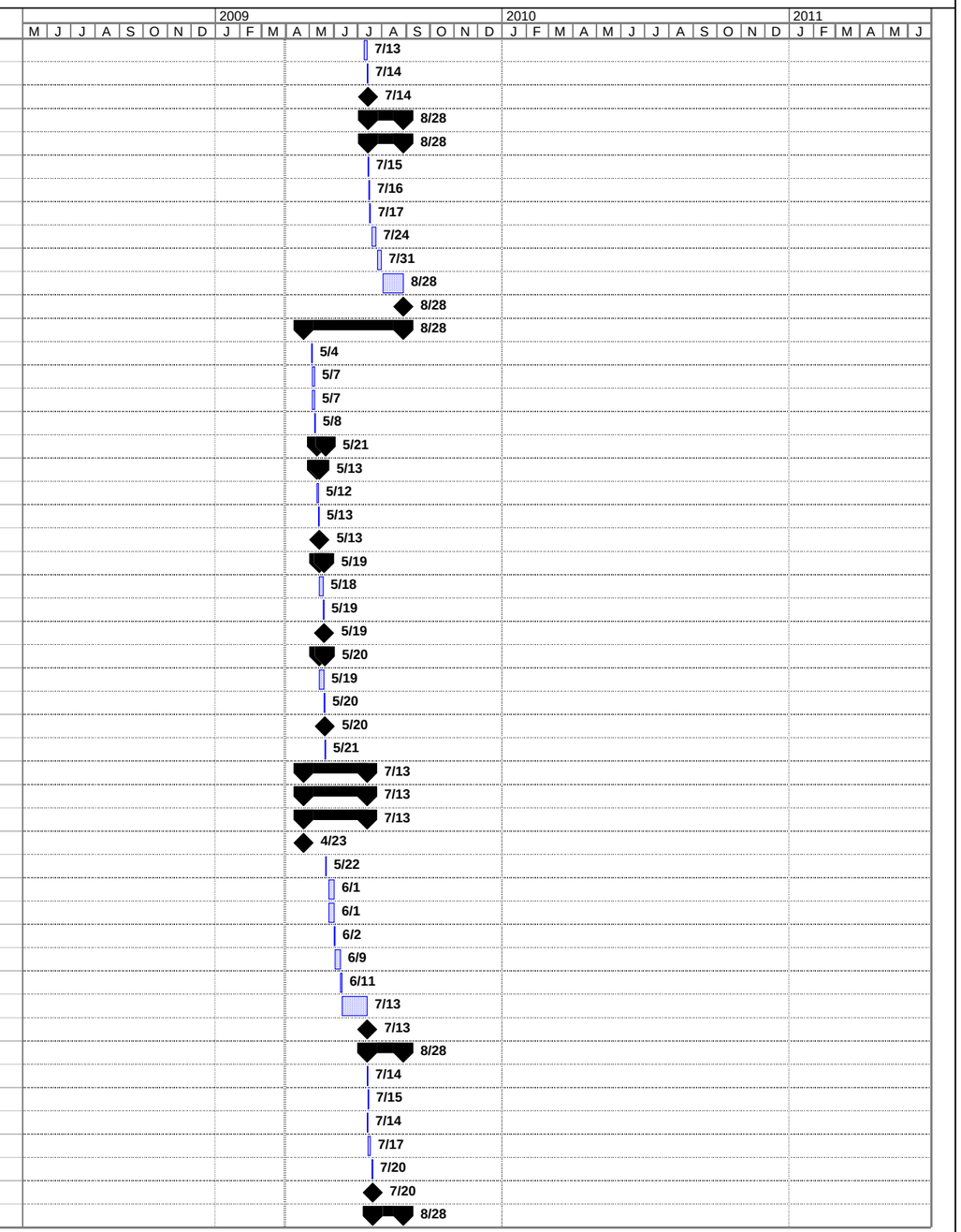


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
452	MMS	Modify REG=>MMS Test Plans, Cases & Scripts (if necessary)	2 days	0%	Fri 7/10/09	Mon 7/13/09
453	MMS	Approve REG=>MMS Test Plans, Cases & Scripts	1 day	0%	Tue 7/14/09	Tue 7/14/09
454	MMS	REG=>MMS Interface Ready for iTest	0 days	0%	Tue 7/14/09	Tue 7/14/09
455	**MMS**	**Execute REG=>MMS Integration Tests (8)**	**33 days**	**0%**	**Wed 7/15/09**	**Fri 8/28/09**
456	**MMS**	**iTEST Setup & Test**	**33 days**	**0%**	**Wed 7/15/09**	**Fri 8/28/09**
457	MMS	REG - generate data file	1 day	0%	Wed 7/15/09	Wed 7/15/09
458	MMS	EIP - transport REG data file to MMS repository	1 day	0%	Thu 7/16/09	Thu 7/16/09
459	MMS	MMS - receive & process REG data file	1 day	0%	Fri 7/17/09	Fri 7/17/09
460	MMS	MMS - Verify REG iTest data load and update successful	5 days	0%	Mon 7/20/09	Fri 7/24/09
461	MMS	Log REG iTest defect (if necessary)	5 days	0%	Mon 7/27/09	Fri 7/31/09
462	MMS	Repair & Verify REG iTest Defect Fixes	20 days	0%	Mon 8/3/09	Fri 8/28/09
463	MMS	REG=>MMS iTest Test Execution Completed	0 days	0%	Fri 8/28/09	Fri 8/28/09
464	**MMS**	**S&B to MMS**	**89 days**	**0%**	**Thu 4/23/09**	**Fri 8/28/09**
465	MMS	Receive most recent "Production Ready" file from S&B for analysis	1 day	0%	Mon 5/4/09	Mon 5/4/09
466	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	3 days	0%	Tue 5/5/09	Thu 5/7/09
467	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	3 days	0%	Tue 5/5/09	Thu 5/7/09
468	MMS	Conduct meeting with S&B team to discuss business logic	1 day	0%	Fri 5/8/09	Fri 5/8/09
469	**MMS**	**Develop S&B=>MMS Test Plans, Cases & Scripts**	**9 days**	**0%**	**Mon 5/11/09**	**Thu 5/21/09**
470	**MMS**	**Create SB=>MMS Test Plan**	**3 days**	**0%**	**Mon 5/11/09**	**Wed 5/13/09**
471	MMS	Create & Update Test Plan	2 days	0%	Mon 5/11/09	Tue 5/12/09
472	MMS	Review & Approve Test Plan	1 day	0%	Wed 5/13/09	Wed 5/13/09
473	MMS	Test Plan Completed	0 days	0%	Wed 5/13/09	Wed 5/13/09
474	**MMS**	**Create SB=>MMS Test Cases**	**4 days**	**0%**	**Thu 5/14/09**	**Tue 5/19/09**
475	MMS	Create SB=>MMS Test Cases	3 days	0%	Thu 5/14/09	Mon 5/18/09
476	MMS	Review & Approve Test Cases	1 day	0%	Tue 5/19/09	Tue 5/19/09
477	MMS	Test Cases Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
478	**MMS**	**Create SB=>MMS Scripts**	**5 days**	**0%**	**Thu 5/14/09**	**Wed 5/20/09**
479	MMS	Create SB=>MMS Test Scripts	4 days	0%	Thu 5/14/09	Tue 5/19/09
480	MMS	Review & Approve Test Scripts	1 day	0%	Wed 5/20/09	Wed 5/20/09
481	MMS	Test Scripts Completed	0 days	0%	Wed 5/20/09	Wed 5/20/09
482	MMS	Migrate SB=>MMS Test Plans, Cases & Scripts	1 day	0%	Thu 5/21/09	Thu 5/21/09
483	**MMS**	**Migrate S&B=>MMS to FAT**	**55 days**	**0%**	**Thu 4/23/09**	**Mon 7/13/09**
484	**MMS**	**Execute SB=>MMS Interface Tests (5)**	**55 days**	**0%**	**Thu 4/23/09**	**Mon 7/13/09**
485	**MMS**	**FAT Setup & Test**	**55 days**	**0%**	**Thu 4/23/09**	**Mon 7/13/09**
486	MMS	S&B data file available	0 days	0%	Thu 4/23/09	Thu 4/23/09
487	MMS	Receive file from SB (Full and Incremental (if applicable))	1 day	0%	Fri 5/22/09	Fri 5/22/09
488	MMS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	5 days	0%	Tue 5/26/09	Mon 6/1/09
489	MMS	Analyze data processing of full and incremental (if necessary) data files for correctness	5 days	0%	Tue 5/26/09	Mon 6/1/09
490	MMS	Load file from SB into MMS	1 day	0%	Tue 6/2/09	Tue 6/2/09
491	MMS	Verify SB FAT data load and update successful	5 days	0%	Wed 6/3/09	Tue 6/9/09
492	MMS	Log SB FAT defect (if necessary)	2 days	0%	Wed 6/10/09	Thu 6/11/09
493	MMS	Repair & Verify SB FAT Defect Fixes	21 days	0%	Fri 6/12/09	Mon 7/13/09
494	MMS	SB=>MMS FAT Test Execution Completed	0 days	0%	Mon 7/13/09	Mon 7/13/09
495	**MMS**	**Migrate S&B=>MMS to iTest**	**34 days**	**0%**	**Tue 7/14/09**	**Fri 8/28/09**
496	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Tue 7/14/09	Tue 7/14/09
497	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Wed 7/15/09	Wed 7/15/09
498	MMS	Review S&B=>MMS Test Plans, Cases & Scripts	1 day	0%	Tue 7/14/09	Tue 7/14/09
499	MMS	Modify S&B=>MMS Test Plans, Cases & Scripts (if necessary)	3 days	0%	Wed 7/15/09	Fri 7/17/09
500	MMS	Approve S&B=>MMS Test Plans, Cases & Scripts	1 day	0%	Mon 7/20/09	Mon 7/20/09
501	MMS	S&B=>MMS Interface Ready for iTest	0 days	0%	Mon 7/20/09	Mon 7/20/09
502	**MMS**	**Execute S&B=>MMS Integration Tests (5)**	**29 days**	**0%**	**Tue 7/21/09**	**Fri 8/28/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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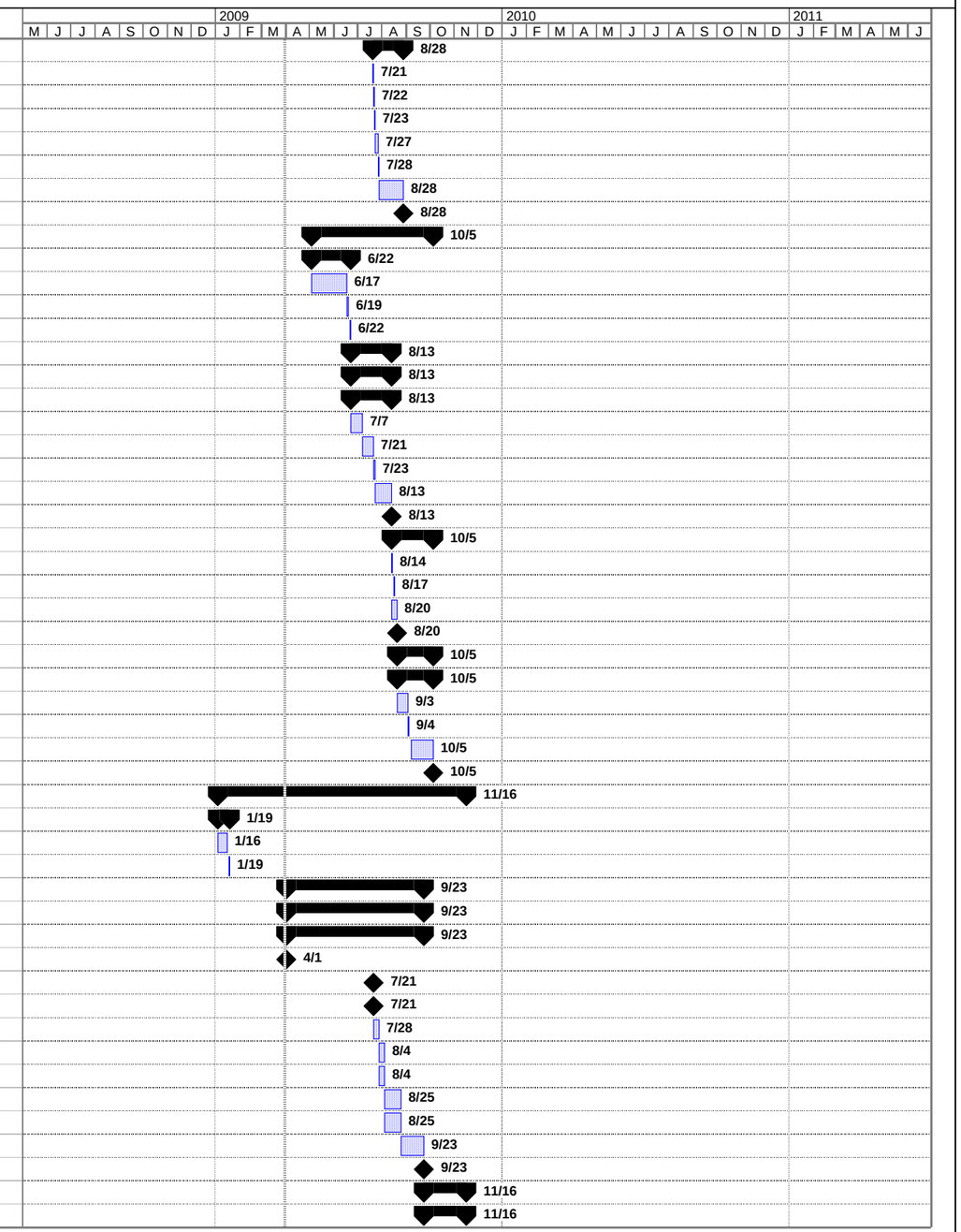
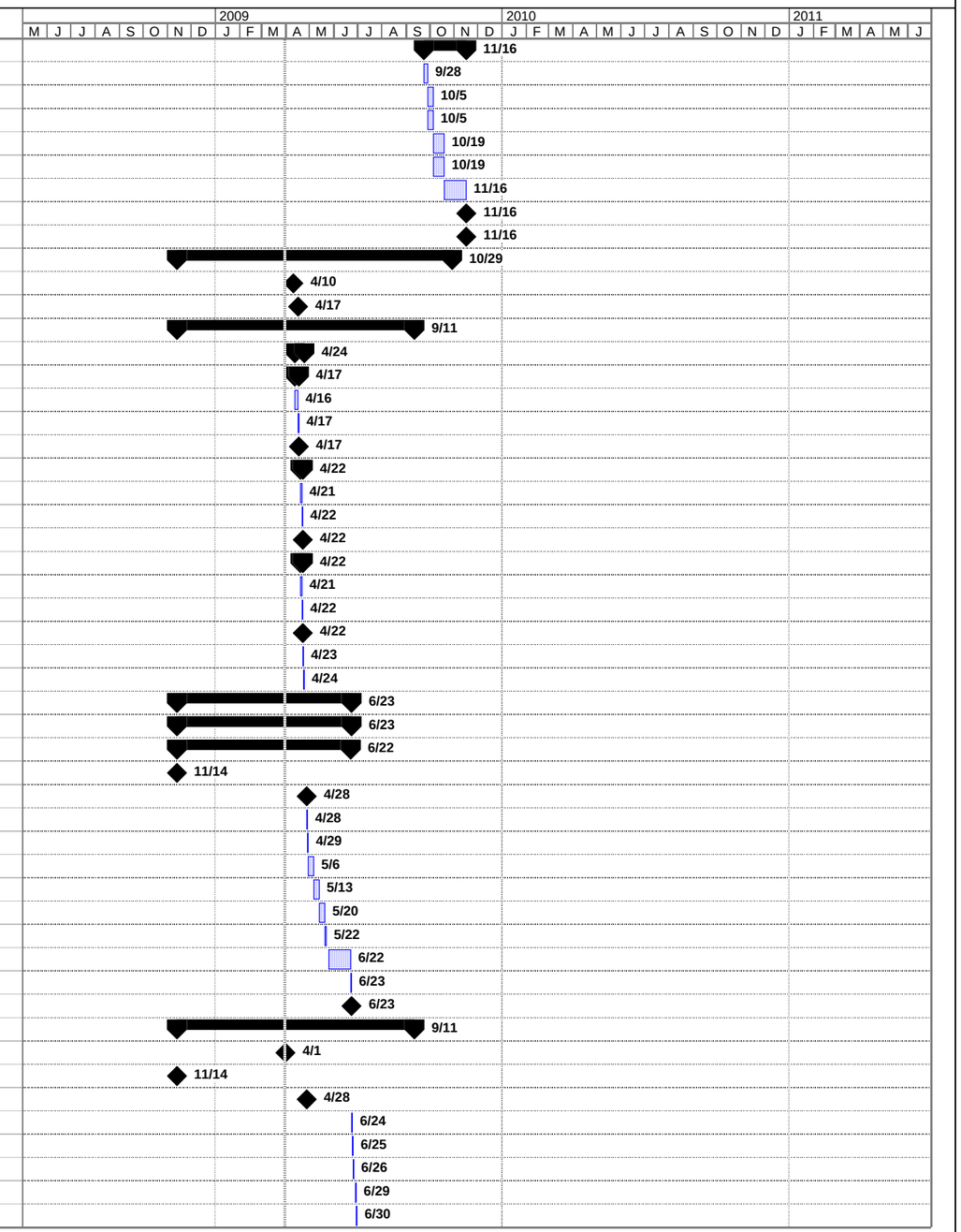
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
503	**MMS**	**iTEST Setup & Test**	**29 days**	**0%**	**Tue 7/21/09**	**Fri 8/28/09**
504	MMS	S&B - generate data file	1 day	0%	Tue 7/21/09	Tue 7/21/09
505	MMS	EIP - transport SB data file to MMS repository	1 day	0%	Wed 7/22/09	Wed 7/22/09
506	MMS	MMS - receive & process SB data file	1 day	0%	Thu 7/23/09	Thu 7/23/09
507	MMS	MMS - Verify SB iTest data load and update successful	2 days	0%	Fri 7/24/09	Mon 7/27/09
508	MMS	Log S&B iTest defect (if necessary)	1 day	0%	Tue 7/28/09	Tue 7/28/09
509	MMS	Repair & Verify S&B iTest Defect Fixes	23 days	0%	Wed 7/29/09	Fri 8/28/09
510	MMS	S&B=>MMS iTest Test Execution Completed	0 days	0%	Fri 8/28/09	Fri 8/28/09
511	**MMS**	**MMS to EDW**	**108 days**	**0%**	**Mon 5/4/09**	**Mon 10/5/09**
512	**MMS**	**Develop MMS=>EDW Replication Requirements**	**35 days**	**0%**	**Mon 5/4/09**	**Mon 6/22/09**
513	MMS	Identify tables and data in MMS for replication	32 days	0%	Mon 5/4/09	Wed 6/17/09
514	MMS	Review & Approve Replication Requirements	2 days	0%	Thu 6/18/09	Fri 6/19/09
515	MMS	Replication Requirements Approved	1 day	0%	Mon 6/22/09	Mon 6/22/09
516	**MMS**	**Migrate MMS=>EDW to FAT**	**37 days**	**0%**	**Tue 6/23/09**	**Thu 8/13/09**
517	**MMS**	**Execute MMS=>EDW Interface Tests**	**37 days**	**0%**	**Tue 6/23/09**	**Thu 8/13/09**
518	**MMS**	**FAT MMS Replication**	**37 days**	**0%**	**Tue 6/23/09**	**Thu 8/13/09**
519	MMS	Verify MMS db structure with EDW replication requirements	10 days	0%	Tue 6/23/09	Tue 7/7/09
520	MMS	Test replication from MMS to EDW	10 days	0%	Wed 7/8/09	Tue 7/21/09
521	MMS	Log MMS Replication FAT defect (if necessary)	2 days	0%	Wed 7/22/09	Thu 7/23/09
522	MMS	Repair & Verify MMS Replication FAT Defect Fixes	15 days	0%	Fri 7/24/09	Thu 8/13/09
523	MMS	MMS=>EDW Interface Test Execution Completed	0 days	0%	Thu 8/13/09	Thu 8/13/09
524	**MMS**	**Migrate MMS=>EDW to iTest**	**36 days**	**0%**	**Fri 8/14/09**	**Mon 10/5/09**
525	MMS	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 8/14/09	Fri 8/14/09
526	MMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 8/17/09	Mon 8/17/09
527	MMS	Review & approve replication requirements (if necessary)	5 days	0%	Fri 8/14/09	Thu 8/20/09
528	MMS	MMS=>EDW Replication Interface Ready for iTest	0 days	0%	Thu 8/20/09	Thu 8/20/09
529	**MMS**	**Execute MMS=>EDW Replication Integration Test**	**31 days**	**0%**	**Fri 8/21/09**	**Mon 10/5/09**
530	**MMS**	**iTEST MMS Replication**	**31 days**	**0%**	**Fri 8/21/09**	**Mon 10/5/09**
531	MMS	Test replication from MMS to EDW	10 days	0%	Fri 8/21/09	Thu 9/3/09
532	MMS	Log MMS Replication iTest defect (if necessary)	1 day	0%	Fri 9/4/09	Fri 9/4/09
533	MMS	Repair & Verify MMS Replication iTest Defect Fixes	20 days	0%	Tue 9/8/09	Mon 10/5/09
534	MMS	MMS=>EDW Integration Test Execution Completed	0 days	0%	Mon 10/5/09	Mon 10/5/09
535	**MMS**	**MMS to MIS/CDR**	**223 days**	**0%**	**Mon 1/5/09**	**Mon 11/16/09**
536	**MMS**	**Develop MMS=>MIS Posting Requirements**	**11 days**	**0%**	**Mon 1/5/09**	**Mon 1/19/09**
537	MMS	Review & Approve MMS=>MIS Posting Requirements	10 days	0%	Mon 1/5/09	Fri 1/16/09
538	MMS	MMS Posting Requirements Approved	1 day	0%	Mon 1/19/09	Mon 1/19/09
539	**MMS**	**Migrate MMS=>MIS to FAT**	**122 days**	**0%**	**Wed 4/1/09**	**Wed 9/23/09**
540	**MMS**	**Execute MMS=>MIS/CDR Interface Tests**	**122 days**	**0%**	**Wed 4/1/09**	**Wed 9/23/09**
541	**MMS**	**FAT Setup & Test**	**122 days**	**0%**	**Wed 4/1/09**	**Wed 9/23/09**
543	MMS	MIS Build xx available with CDR and EDW Report portal entries	0 days	0%	Wed 4/1/09	Wed 4/1/09
544	MMS	EDW Replication Setup for MMS data available	0 days	0%	Tue 7/21/09	Tue 7/21/09
545	MMS	EDW and CDR Reports available in FAT	0 days	0%	Tue 7/21/09	Tue 7/21/09
546	MMS	Verify MIR setup and MIS Portal entires created	5 days	0%	Wed 7/22/09	Tue 7/28/09
547	MMS	Generate MMS EDW Reports and post it in MIS	5 days	0%	Wed 7/29/09	Tue 8/4/09
548	MMS	Generate MMS CDR Reports and post it in MIS	5 days	0%	Wed 7/29/09	Tue 8/4/09
549	MMS	Verify reports	15 days	0%	Wed 8/5/09	Tue 8/25/09
550	MMS	Log FAT defect (if necessary)	15 days	0%	Wed 8/5/09	Tue 8/25/09
551	MMS	Repair & Verify Defect Fixes	20 days	0%	Wed 8/26/09	Wed 9/23/09
552	MMS	MMS=>MIS FAT Test Execution Completed	0 days	0%	Wed 9/23/09	Wed 9/23/09
553	**MMS**	**Migrate MMS=>MIS to iTest**	**38 days**	**0%**	**Thu 9/24/09**	**Mon 11/16/09**
554	**MMS**	**Execute MMS=>MIS Integration Test**	**38 days**	**0%**	**Thu 9/24/09**	**Mon 11/16/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
555	**MMS**	**iTEST Setup & Test**	**38 days**	**0%**	**Thu 9/24/09**	**Mon 11/16/09**
556	MMS	Verify MIR setup and MIS Portal entires created	3 days	0%	Thu 9/24/09	Mon 9/28/09
557	MMS	Generate MMS EDW Reports and post it in MIS	5 days	0%	Tue 9/29/09	Mon 10/5/09
558	MMS	Generate MMS CDR Reports and post it in MIS	5 days	0%	Tue 9/29/09	Mon 10/5/09
559	MMS	Verify reports	10 days	0%	Tue 10/6/09	Mon 10/19/09
560	MMS	Log iTest defect (if necessary)	10 days	0%	Tue 10/6/09	Mon 10/19/09
561	MMS	Repair & Verify Defect Fixes	20 days	0%	Tue 10/20/09	Mon 11/16/09
562	MMS	MIS=>MMS iTest Test Execution Completed	0 days	0%	Mon 11/16/09	Mon 11/16/09
563	MMS	MMS - Market Management System Completed	0 days	0%	Mon 11/16/09	Mon 11/16/09
564	**OS**	**OS - Outage Scheduler**	**234 days**	**0%**	**Fri 11/14/08**	**Thu 10/29/09**
566	OS	Receive OS 2.1.3.0 Patch Testing Completed	0 days	0%	Fri 4/10/09	Fri 4/10/09
568	OS	Receive OS 2.1.4.0 Maintaince Patch 1 from ABB	0 days	0%	Fri 4/17/09	Fri 4/17/09
569	**OS**	**EMS to OS**	**200 days**	**0%**	**Fri 11/14/08**	**Fri 9/11/09**
570	**OS**	**Develop EMS=>OS Test Plans, Cases & Scripts**	**10 days**	**0%**	**Mon 4/13/09**	**Fri 4/24/09**
571	**OS**	**Create EMS=>OS Test Plan**	**5 days**	**0%**	**Mon 4/13/09**	**Fri 4/17/09**
572	OS	Create & Update Test Plan	4 days	0%	Mon 4/13/09	Thu 4/16/09
573	OS	Review & Approve Test Plan	1 day	0%	Fri 4/17/09	Fri 4/17/09
574	OS	Test Plan Completed	0 days	0%	Fri 4/17/09	Fri 4/17/09
575	**OS**	**Create EMS=>OS Test Cases**	**3 days**	**0%**	**Mon 4/20/09**	**Wed 4/22/09**
576	OS	Create EMS=>OS Test Cases	2 days	0%	Mon 4/20/09	Tue 4/21/09
577	OS	Review & Approve Test Cases	1 day	0%	Wed 4/22/09	Wed 4/22/09
578	OS	Test Cases Completed	0 days	0%	Wed 4/22/09	Wed 4/22/09
579	**OS**	**Create EMS=>OS Scripts**	**3 days**	**0%**	**Mon 4/20/09**	**Wed 4/22/09**
580	OS	Create EMS=>OS Test Scripts	2 days	0%	Mon 4/20/09	Tue 4/21/09
581	OS	Review & Approve Test Scripts	1 day	0%	Wed 4/22/09	Wed 4/22/09
582	OS	Test Scripts Completed	0 days	0%	Wed 4/22/09	Wed 4/22/09
583	OS	Create MMCR for EMS=>OS Test Plans, Cases & Scripts	1 day	0%	Thu 4/23/09	Thu 4/23/09
584	OS	Submit EMS=>OS MMCR for Test Plans, Cases & Scripts	1 day	0%	Fri 4/24/09	Fri 4/24/09
585	**OS**	**Migrate EMS=>OS to FAT**	**144 days**	**0%**	**Fri 11/14/08**	**Tue 6/23/09**
586	**OS**	**Execute EMS=>OS Interface Tests**	**144 days**	**0%**	**Fri 11/14/08**	**Tue 6/23/09**
587	**OS**	**DELETE if link goes straight to iTest - FAT OE Info**	**143 days**	**0%**	**Fri 11/14/08**	**Mon 6/22/09**
588	OS	EMS version 5.1.5 available in FAT Complete	0 days	100%	Fri 11/14/08	Fri 11/14/08
589	OS	EMS->OS Interface Process Delivered by ABB - Maintenenace Patch 1 in FAT	0 days	0%	Tue 4/28/09	Tue 4/28/09
590	OS	Receive file from EMS - Outage Evaluation data in study results table	1 day	0%	Tue 4/28/09	Tue 4/28/09
591	OS	Analyze data for Compatibility (e.g. string length, column value)	1 day	0%	Wed 4/29/09	Wed 4/29/09
592	OS	Analyze data processing of full and incremental (if necessary) data files for correctness	5 days	0%	Thu 4/30/09	Wed 5/6/09
593	OS	Load file from Study results into OS	5 days	0%	Thu 5/7/09	Wed 5/13/09
594	OS	Verify OS FAT data load and update successful	5 days	0%	Thu 5/14/09	Wed 5/20/09
595	OS	Log EMS FAT defect (if necessary)	2 days	0%	Thu 5/21/09	Fri 5/22/09
596	OS	Repair & Verify Defect Fixes	20 days	0%	Tue 5/26/09	Mon 6/22/09
597	OS	EMS Interface Test Completed	1 day	0%	Tue 6/23/09	Tue 6/23/09
598	OS	EMS=>OS FAT Test Execution Completed	0 days	0%	Tue 6/23/09	Tue 6/23/09
599	**OS**	**Migrate EMS=>OS to iTest**	**200 days**	**0%**	**Fri 11/14/08**	**Fri 9/11/09**
600	OS	iTest Environment availabiltiy	0 days	0%	Wed 4/1/09	Wed 4/1/09
601	OS	EMS version 5.1.5 available in iTest to support OE	0 days	100%	Fri 11/14/08	Fri 11/14/08
602	OS	OS 2.1.4.0 in ITEST	0 days	0%	Tue 4/28/09	Tue 4/28/09
603	OS	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 6/24/09	Wed 6/24/09
604	OS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 6/25/09	Thu 6/25/09
605	OS	Review EMS=>OS Test Plans, Cases & Scripts	1 day	0%	Fri 6/26/09	Fri 6/26/09
606	OS	Modify EMS=>OS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Mon 6/29/09	Mon 6/29/09
607	OS	Approve EMS=>OS Test Plans, Cases & Scripts	1 day	0%	Tue 6/30/09	Tue 6/30/09



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

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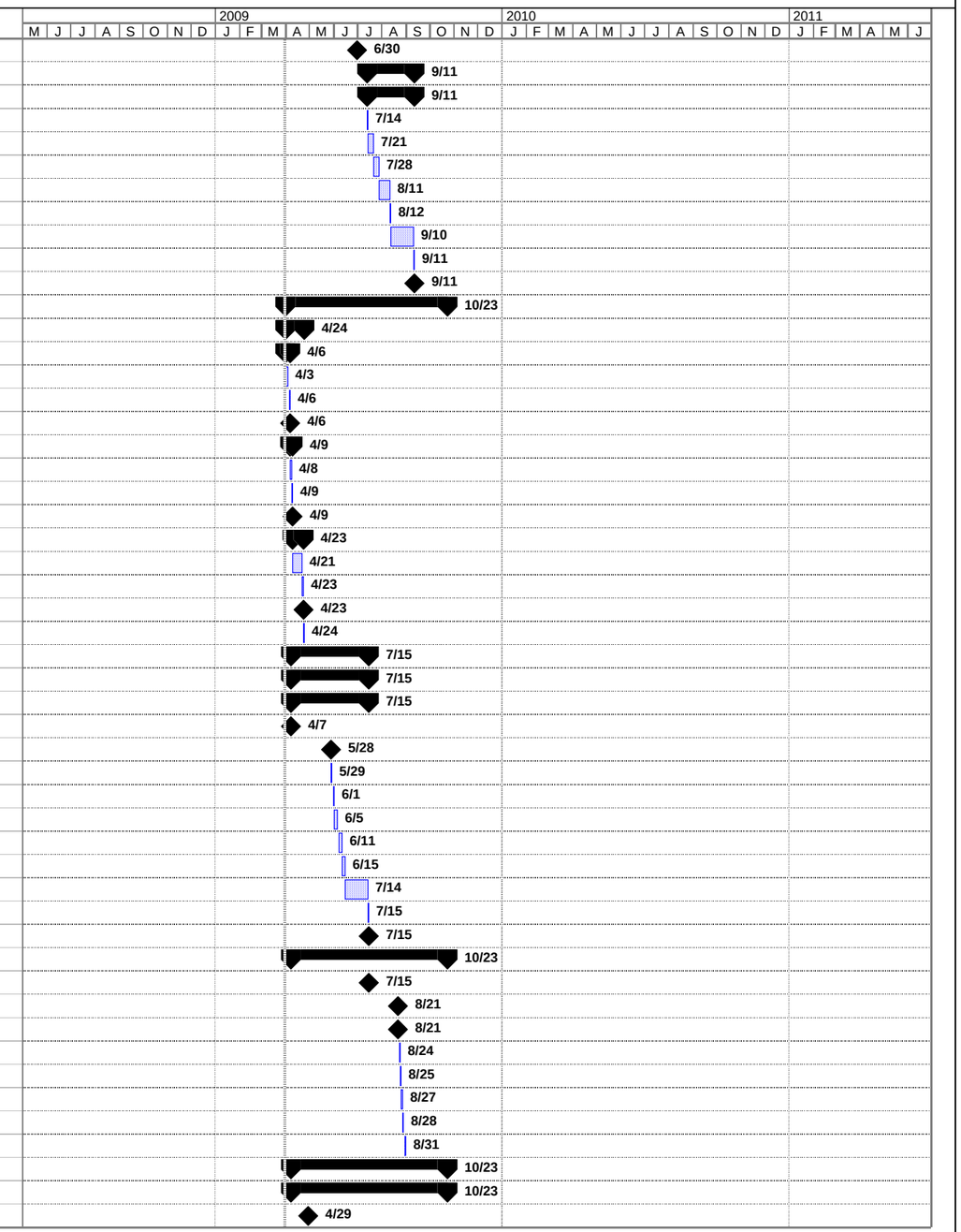
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
608	OS	EMS=>OS Interface Ready for iTest	0 days	0%	Tue 6/30/09	Tue 6/30/09
609	**OS**	**Execute EMS=>OS Integration Test**	**43 days**	**0%**	**Tue 7/14/09**	**Fri 9/11/09**
610	**OS**	**iTEST OE Info**	**43 days**	**0%**	**Tue 7/14/09**	**Fri 9/11/09**
611	OS	EMS - generate data file	1 day	0%	Tue 7/14/09	Tue 7/14/09
612	OS	Run Event Controller Process to transport EMS data file to OS repository	5 days	0%	Wed 7/15/09	Tue 7/21/09
613	OS	OS - receive & process OE data	5 days	0%	Wed 7/22/09	Tue 7/28/09
614	OS	OS - Verify EMS iTest data load and update successful	10 days	0%	Wed 7/29/09	Tue 8/11/09
615	OS	Log EMS iTest defect (if necessary)	1 day	0%	Wed 8/12/09	Wed 8/12/09
616	OS	Repair & Verify Defect Fixes	20 days	0%	Thu 8/13/09	Thu 9/10/09
617	OS	EMS (OE) Integration Test Completed	1 day	0%	Fri 9/11/09	Fri 9/11/09
618	OS	EMS=>OS iTest Test Execution Completed	0 days	0%	Fri 9/11/09	Fri 9/11/09
619	**OS**	**NMMS to OS**	**145 days**	**0%**	**Wed 4/1/09**	**Fri 10/23/09**
620	**OS**	**Develop NMMS=>OS Test Plans, Cases & Scripts**	**18 days**	**0%**	**Wed 4/1/09**	**Fri 4/24/09**
621	**CRR**	**Create NMMS=>OS Test Plan**	**4 days**	**0%**	**Wed 4/1/09**	**Mon 4/6/09**
622	CRR	Create & Update Test Plan	3 days	0%	Wed 4/1/09	Fri 4/3/09
623	CRR	Review & Approve Test Plan	1 day	0%	Mon 4/6/09	Mon 4/6/09
624	CRR	Test Plan Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
625	**CRR**	**Create NMMS=>OS Test Cases**	**3 days**	**0%**	**Tue 4/7/09**	**Thu 4/9/09**
626	CRR	Create NMMS=>CRR Test Cases	2 days	0%	Tue 4/7/09	Wed 4/8/09
627	CRR	Review & Approve Test Cases	1 day	0%	Thu 4/9/09	Thu 4/9/09
628	CRR	Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
629	**CRR**	**Create NMMS=>OS Scripts**	**10 days**	**0%**	**Fri 4/10/09**	**Thu 4/23/09**
630	CRR	Create NMMS=>CRR Test Scripts	8 days	0%	Fri 4/10/09	Tue 4/21/09
631	CRR	Review & Approve Test Scripts	2 days	0%	Wed 4/22/09	Thu 4/23/09
632	CRR	Test Scripts Completed	0 days	0%	Thu 4/23/09	Thu 4/23/09
633	CRR	Migrate NMMS=>OS to FAT	1 day	0%	Fri 4/24/09	Fri 4/24/09
634	**OS**	**Execute NMMS=>OS Interface Tests**	**69 days**	**0%**	**Tue 4/7/09**	**Wed 7/15/09**
635	**OS**	**FAT Interface**	**69 days**	**0%**	**Tue 4/7/09**	**Wed 7/15/09**
636	**OS**	**Receive file from NMMS**	**69 days**	**0%**	**Tue 4/7/09**	**Wed 7/15/09**
637	OS	NMMS version 6 available for Equipment list interface testing	0 days	0%	Tue 4/7/09	Tue 4/7/09
638	OS	MMS 5 Verstion to be in the same Model	0 days	0%	Thu 5/28/09	Thu 5/28/09
639	OS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Fri 5/29/09	Fri 5/29/09
640	OS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Mon 6/1/09	Mon 6/1/09
641	OS	Load file from NMMS into OS	4 days	0%	Tue 6/2/09	Fri 6/5/09
642	OS	Verify NMMS FAT data load and update successful	4 days	0%	Mon 6/8/09	Thu 6/11/09
643	OS	Log NMMS FAT defect (if necessary)	2 days	0%	Fri 6/12/09	Mon 6/15/09
644	OS	Repair & Verify Defect Fixes	20 days	0%	Tue 6/16/09	Tue 7/14/09
645	OS	NMMS (Equipment List) Interface Test Completed	1 day	0%	Wed 7/15/09	Wed 7/15/09
646	OS	NMMS=>OS FAT Test Execution Completed	0 days	0%	Wed 7/15/09	Wed 7/15/09
647	**OS**	**Migrate NMMS=>OS to iTest**	**140 days**	**0%**	**Tue 4/7/09**	**Fri 10/23/09**
648	OS	iTest Environment availabiltiy	0 days	0%	Wed 7/15/09	Wed 7/15/09
649	OS	MMS 5 has received a validated NMMS model	0 days	0%	Fri 8/21/09	Fri 8/21/09
650	OS	Perform Migration to ITEST (Core Project)	0 days	0%	Fri 8/21/09	Fri 8/21/09
651	OS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 8/24/09	Mon 8/24/09
652	OS	Review NMMS=>OS Test Plans, Cases & Scripts	1 day	0%	Tue 8/25/09	Tue 8/25/09
653	OS	Modify NMMS=>OS Test Plans, Cases & Scripts (if necessary)	2 days	0%	Wed 8/26/09	Thu 8/27/09
654	OS	Approve NMMS=>OS Test Plans, Cases & Scripts	1 day	0%	Fri 8/28/09	Fri 8/28/09
655	OS	NMMS=>OS Interface Ready for iTest	1 day	0%	Mon 8/31/09	Mon 8/31/09
656	**OS**	**Execute NMMS=>OS Integration Test**	**140 days**	**0%**	**Tue 4/7/09**	**Fri 10/23/09**
657	**OS**	**iTEST Equipment List Interface Info**	**140 days**	**0%**	**Tue 4/7/09**	**Fri 10/23/09**
658	OS	Receive NMMS-OS Tracer Delivery from EIP	0 days	0%	Wed 4/29/09	Wed 4/29/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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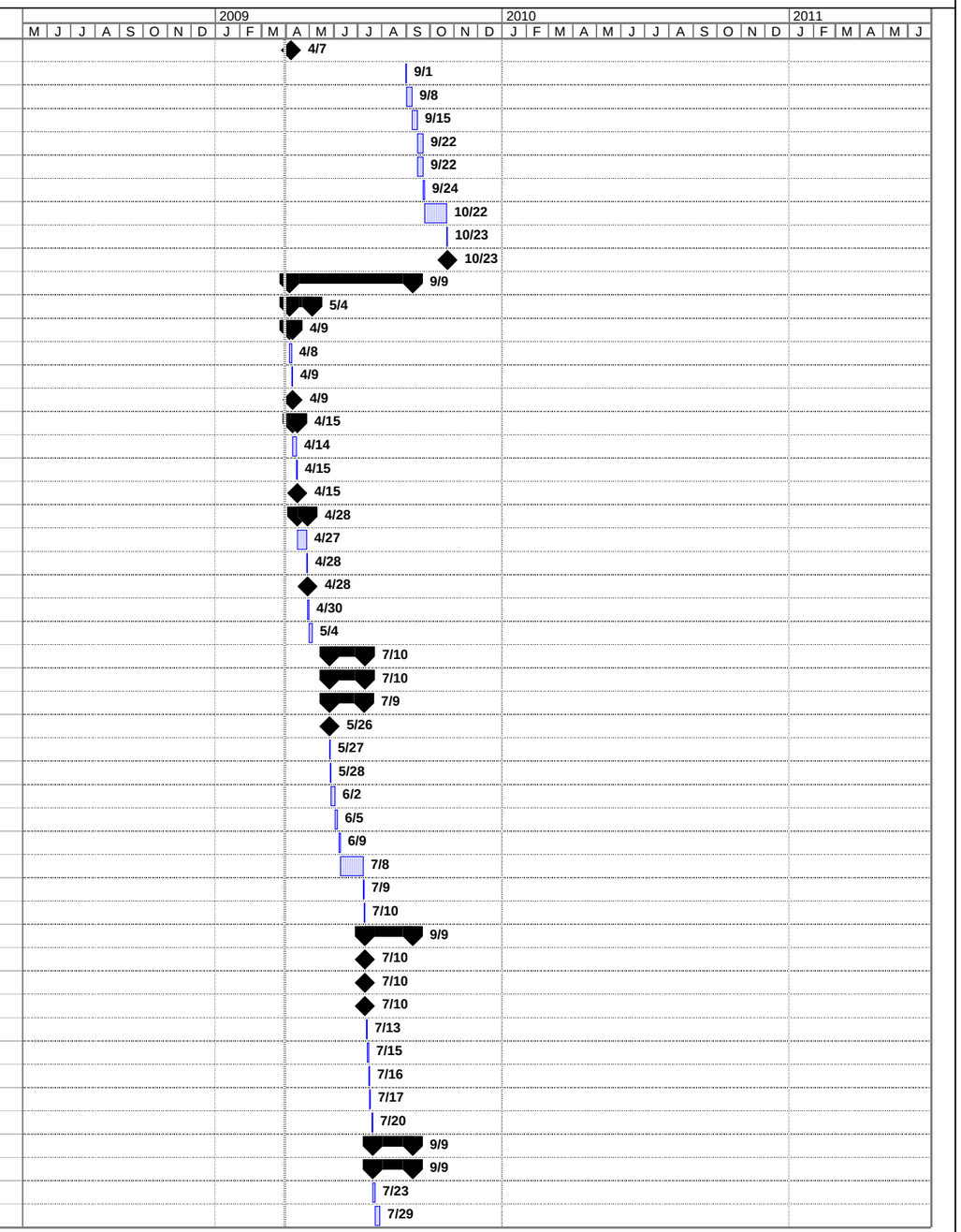
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
659	OS	EIP Adaptors Available for Equipment List data - EWWS 1.17	0 days	0%	Tue 4/7/09	Tue 4/7/09
660	OS	NMMS - generate data file	1 day	0%	Tue 9/1/09	Tue 9/1/09
661	OS	EIP - transport NMMS Equipment data file to OS repository	5 days	0%	Wed 9/2/09	Tue 9/8/09
662	OS	OS - receive & process NMMS data file	5 days	0%	Wed 9/9/09	Tue 9/15/09
663	OS	OS - Verify NMMS iTest data load and update successful	5 days	0%	Wed 9/16/09	Tue 9/22/09
664	OS	Test Tracer Program	5 days	0%	Wed 9/16/09	Tue 9/22/09
665	OS	Log NMMS iTest defect (if necessary)	2 days	0%	Wed 9/23/09	Thu 9/24/09
666	OS	Repair & Verify Defect Fixes	20 days	0%	Fri 9/25/09	Thu 10/22/09
667	OS	NMMS Integration Test Completed	1 day	0%	Fri 10/23/09	Fri 10/23/09
668	OS	NMMS=>OS iTest Test Execution Completed	0 days	0%	Fri 10/23/09	Fri 10/23/09
669	**OS**	**MMS to OS**	**110 days**	**0%**	**Mon 4/6/09**	**Wed 9/9/09**
670	**OS**	**Develop MMS=>OS Test Plans, Cases & Scripts**	**21 days**	**0%**	**Mon 4/6/09**	**Mon 5/4/09**
671	**OS**	**Create MMS=>OS Test Plan**	**4 days**	**0%**	**Mon 4/6/09**	**Thu 4/9/09**
672	OS	Create & Update Test Plan	3 days	0%	Mon 4/6/09	Wed 4/8/09
673	OS	Review & Approve Test Plan	1 day	0%	Thu 4/9/09	Thu 4/9/09
674	OS	Test Plan Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
675	**OS**	**Create MMS=>OS Test Cases**	**4 days**	**0%**	**Fri 4/10/09**	**Wed 4/15/09**
676	OS	Create MMS=>OS Test Cases	3 days	0%	Fri 4/10/09	Tue 4/14/09
677	OS	Review & Approve Test Cases	1 day	0%	Wed 4/15/09	Wed 4/15/09
678	OS	Test Cases Completed	0 days	0%	Wed 4/15/09	Wed 4/15/09
679	**OS**	**Create MMS=>OS Scripts**	**9 days**	**0%**	**Thu 4/16/09**	**Tue 4/28/09**
680	OS	Create MMS=>OS Test Scripts	8 days	0%	Thu 4/16/09	Mon 4/27/09
681	OS	Review & Approve Test Scripts	1 day	0%	Tue 4/28/09	Tue 4/28/09
682	OS	Test Scripts Completed	0 days	0%	Tue 4/28/09	Tue 4/28/09
683	OS	Submit MMS=>OS MMCR for Test Plans, Cases & Scripts	2 days	0%	Wed 4/29/09	Thu 4/30/09
684	OS	Migrate MMS=>OS to FAT	2 days	0%	Fri 5/1/09	Mon 5/4/09
685	**OS**	**Execute MMS=>OS Interface Tests**	**32 days**	**0%**	**Tue 5/26/09**	**Fri 7/10/09**
686	**OS**	**FAT Interface**	**32 days**	**0%**	**Tue 5/26/09**	**Fri 7/10/09**
687	**OS**	**Receive file from MMS (Full and Incremental (if applicable))**	**31 days**	**0%**	**Tue 5/26/09**	**Thu 7/9/09**
688	OS	MMS 5 version available in FAT	0 days	0%	Tue 5/26/09	Tue 5/26/09
689	OS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Wed 5/27/09	Wed 5/27/09
690	OS	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Thu 5/28/09	Thu 5/28/09
691	OS	Load file from MMS into OS	3 days	0%	Fri 5/29/09	Tue 6/2/09
692	OS	Verify MMS FAT data load and update successful	3 days	0%	Wed 6/3/09	Fri 6/5/09
693	OS	Log MMS FAT defect (if necessary)	2 days	0%	Mon 6/8/09	Tue 6/9/09
694	OS	Repair & Verify Defect Fixes	20 days	0%	Wed 6/10/09	Wed 7/8/09
695	OS	MMS (Registration Info) Interface Test Completed	1 day	0%	Thu 7/9/09	Thu 7/9/09
696	OS	MMS=>OS FAT Test Execution Completed	1 day	0%	Fri 7/10/09	Fri 7/10/09
697	**OS**	**Migrate MMS=>OS to iTest**	**42 days**	**0%**	**Fri 7/10/09**	**Wed 9/9/09**
698	OS	iTest Environment availabiltiy	0 days	0%	Fri 7/10/09	Fri 7/10/09
699	OS	MMS 5 version with registration data available in iTest	0 days	0%	Fri 7/10/09	Fri 7/10/09
700	OS	Perform Migration to ITEST (Core Project)	0 days	0%	Fri 7/10/09	Fri 7/10/09
701	OS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 7/13/09	Mon 7/13/09
702	OS	Review MMS=>OS Test Plans, Cases & Scripts	2 days	0%	Tue 7/14/09	Wed 7/15/09
703	OS	Modify MMS=>OS Test Plans, Cases & Scripts (if necessary)	1 day	0%	Thu 7/16/09	Thu 7/16/09
704	OS	Approve MMS=>OS Test Plans, Cases & Scripts	1 day	0%	Fri 7/17/09	Fri 7/17/09
705	OS	MMS=>OS Interface Ready for iTest	1 day	0%	Mon 7/20/09	Mon 7/20/09
706	**OS**	**Execute MMS=>OS Integration Test**	**36 days**	**0%**	**Tue 7/21/09**	**Wed 9/9/09**
707	**OS**	**iTEST Registration Interface Info**	**36 days**	**0%**	**Tue 7/21/09**	**Wed 9/9/09**
708	OS	Event Controller Process to transport MMS data file to OS repository	3 days	0%	Tue 7/21/09	Thu 7/23/09
709	OS	OS - receive & process MMS data file	4 days	0%	Fri 7/24/09	Wed 7/29/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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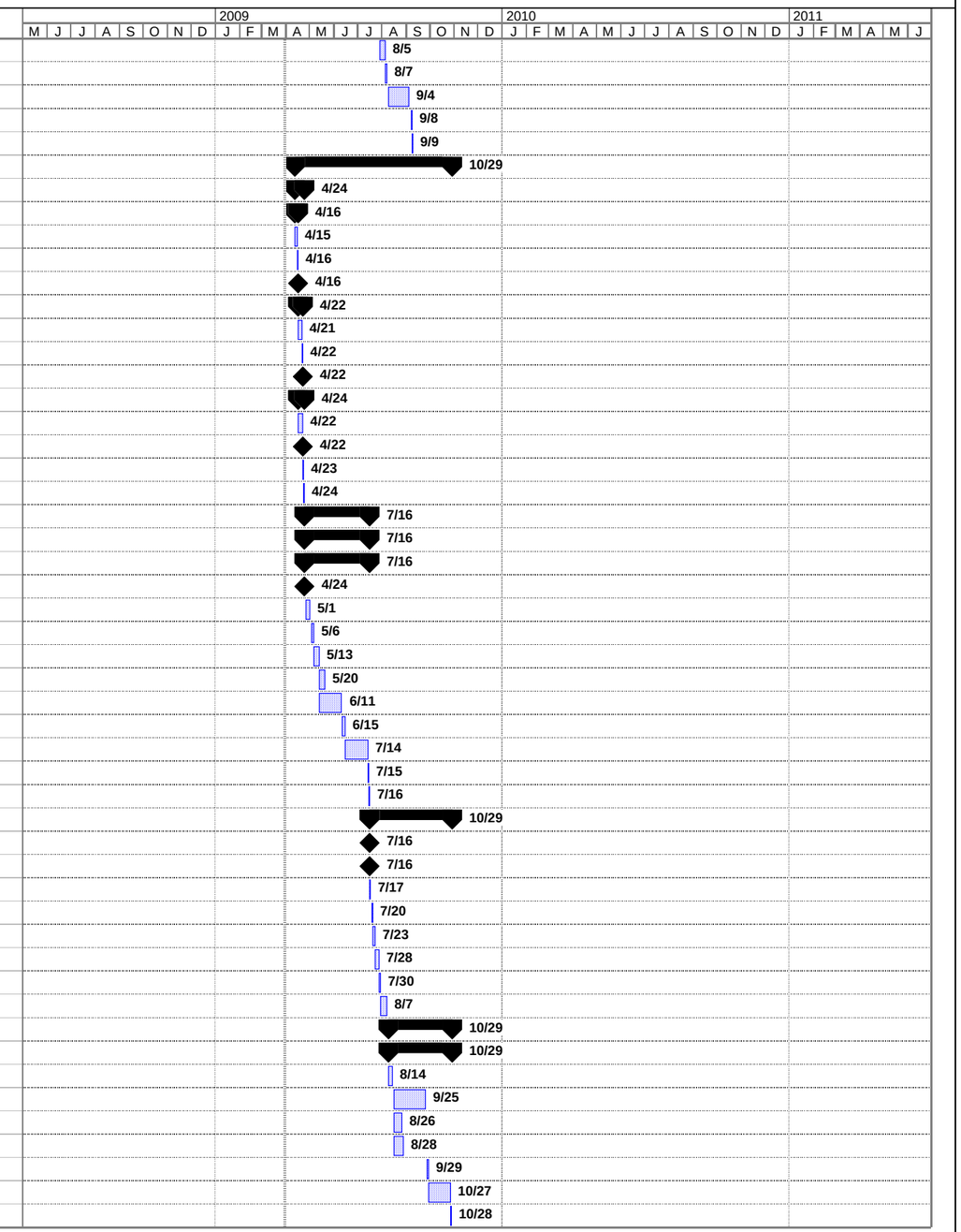
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
710	OS	OS - Verify MMS iTest data load and update successful	5 days	0%	Thu 7/30/09	Wed 8/5/09
711	OS	Log MMS iTest defect (if necessary)	2 days	0%	Thu 8/6/09	Fri 8/7/09
712	OS	Repair & Verify Defect Fixes	20 days	0%	Mon 8/10/09	Fri 9/4/09
713	OS	MMS (Registration interface) Integration Test Completed	1 day	0%	Tue 9/8/09	Tue 9/8/09
714	OS	MMS=>OS iTest Test Execution Completed	1 day	0%	Wed 9/9/09	Wed 9/9/09
715	**OS**	**EWS to OS**	**141 days**	**0%**	**Mon 4/13/09**	**Thu 10/29/09**
716	**OS**	**Develop EWS=>OS Test Plans, Cases & Scripts**	**10 days**	**0%**	**Mon 4/13/09**	**Fri 4/24/09**
717	**OS**	**Create EWS=>OS Test Plan**	**4 days**	**0%**	**Mon 4/13/09**	**Thu 4/16/09**
718	OS	Create & Update Test Plan	3 days	0%	Mon 4/13/09	Wed 4/15/09
719	OS	Review & Approve Test Plan	1 day	0%	Thu 4/16/09	Thu 4/16/09
720	OS	Test Plan Completed	0 days	0%	Thu 4/16/09	Thu 4/16/09
721	**OS**	**Create EWS=>OS Test Cases**	**4 days**	**0%**	**Fri 4/17/09**	**Wed 4/22/09**
722	OS	Create & Update Test Case	3 days	0%	Fri 4/17/09	Tue 4/21/09
723	OS	Review & Approve Test Cases	1 day	0%	Wed 4/22/09	Wed 4/22/09
724	OS	Test Cases Completed	0 days	0%	Wed 4/22/09	Wed 4/22/09
725	**OS**	**Create EWS=>OS Scripts**	**6 days**	**0%**	**Fri 4/17/09**	**Fri 4/24/09**
726	OS	Create EWS=>OS Test Scripts	4 days	0%	Fri 4/17/09	Wed 4/22/09
727	OS	Review & Approve Test Scripts	0 days	0%	Wed 4/22/09	Wed 4/22/09
728	OS	Test Scripts Completed	1 day	0%	Thu 4/23/09	Thu 4/23/09
729	OS	Submit EWS=>OS MMCR for Test Plans, Cases & Scripts	1 day	0%	Fri 4/24/09	Fri 4/24/09
730	**OS**	**Migrate EWS=>OS to FAT**	**57 days**	**0%**	**Fri 4/24/09**	**Thu 7/16/09**
731	**OS**	**Execute EWS=>OS Interface Tests**	**57 days**	**0%**	**Fri 4/24/09**	**Thu 7/16/09**
732	**OS**	**FAT Interface**	**57 days**	**0%**	**Fri 4/24/09**	**Thu 7/16/09**
733	OS	EIP verstion EWWS 1.18c patch 1 available in FAT	0 days	0%	Fri 4/24/09	Fri 4/24/09
734	OS	Submit and Cancel using EWS	5 days	0%	Mon 4/27/09	Fri 5/1/09
735	OS	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	3 days	0%	Mon 5/4/09	Wed 5/6/09
736	OS	API calls to test full life cycle the EDS into OS	5 days	0%	Thu 5/7/09	Wed 5/13/09
737	OS	Verify the Alerts and Notifications	5 days	0%	Thu 5/14/09	Wed 5/20/09
738	OS	Verify EWS calls and update are successful	20 days	0%	Thu 5/14/09	Thu 6/11/09
739	OS	Log EWS FAT defect (if necessary)	2 days	0%	Fri 6/12/09	Mon 6/15/09
740	OS	Repair & Verify Defect Fixes	20 days	0%	Tue 6/16/09	Tue 7/14/09
741	OS	EWS (Full life cycle) Interface Test Completed	1 day	0%	Wed 7/15/09	Wed 7/15/09
742	OS	EWS=>OS FAT Test Execution Completed	1 day	0%	Thu 7/16/09	Thu 7/16/09
743	**OS**	**Migrate EWS=>OS to iTest**	**74 days**	**0%**	**Thu 7/16/09**	**Thu 10/29/09**
744	OS	iTest Environment availabiltiy	0 days	0%	Thu 7/16/09	Thu 7/16/09
745	OS	EIP verstion EWWS 1.18C Patch1 available in iTest	0 days	0%	Thu 7/16/09	Thu 7/16/09
746	OS	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 7/17/09	Fri 7/17/09
747	OS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 7/20/09	Mon 7/20/09
748	OS	Review EWS=>OS Test Plans, Cases & Scripts	3 days	0%	Tue 7/21/09	Thu 7/23/09
749	OS	Modify EWS=>OS Test Plans, Cases & Scripts (if necessary)	3 days	0%	Fri 7/24/09	Tue 7/28/09
750	OS	Approve EWS=>OS Test Plans, Cases & Scripts	2 days	0%	Wed 7/29/09	Thu 7/30/09
751	OS	EWS=>OS Interface Ready for iTest	6 days	0%	Fri 7/31/09	Fri 8/7/09
752	**OS**	**Execute EWS=>OS Integration Test**	**58 days**	**0%**	**Mon 8/10/09**	**Thu 10/29/09**
753	**OS**	**iTEST Interface Info**	**58 days**	**0%**	**Mon 8/10/09**	**Thu 10/29/09**
754	OS	EWS - Submit and Cancel Outages	5 days	0%	Mon 8/10/09	Fri 8/14/09
755	OS	EIP -Use EWS to run thought a full life cycledata file to OS repository	30 days	0%	Mon 8/17/09	Fri 9/25/09
756	OS	Verify the Alerts and Notifications	8 days	0%	Mon 8/17/09	Wed 8/26/09
757	OS	OS - Verify EWS iTest data load and update successful	10 days	0%	Mon 8/17/09	Fri 8/28/09
758	OS	Log EWS iTest defect (if necessary)	2 days	0%	Mon 9/28/09	Tue 9/29/09
759	OS	Repair & Verify Defect Fixes	20 days	0%	Wed 9/30/09	Tue 10/27/09
760	OS	EWS (Automated Interface) Integration Test Completed	1 day	0%	Wed 10/28/09	Wed 10/28/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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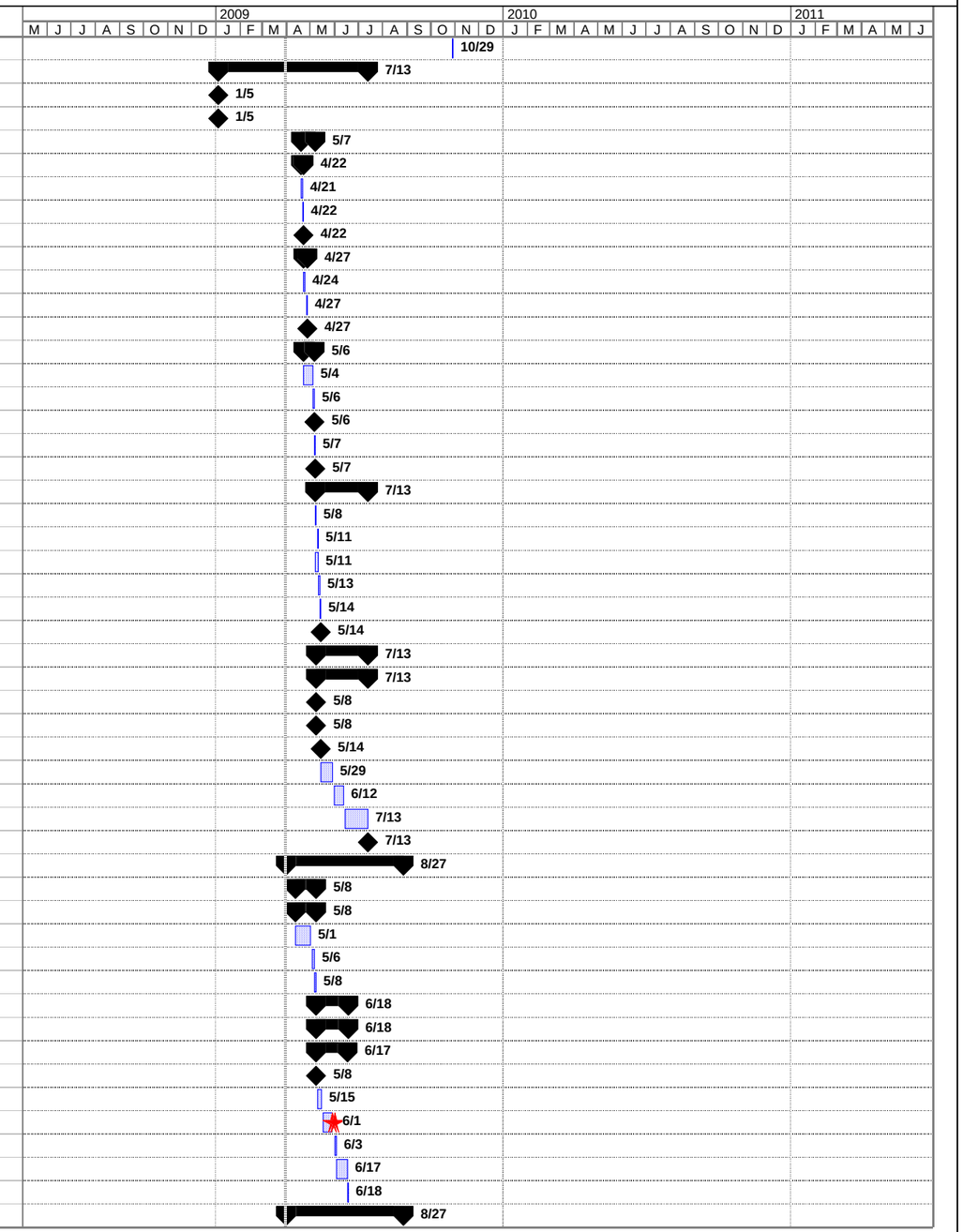
Nodal IPS

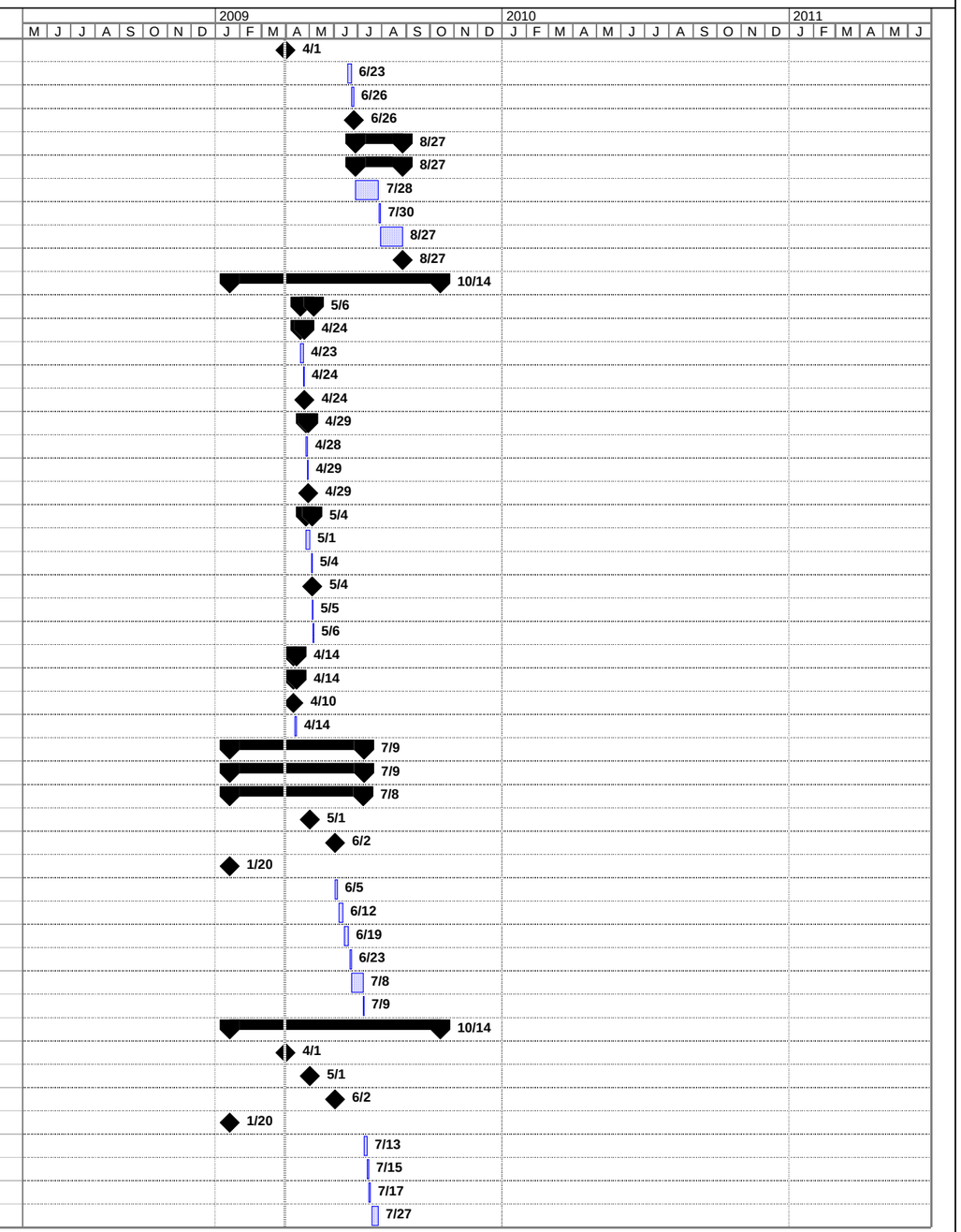
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
761	OS	EWS=>OS iTest Test Execution Completed	1 day	0%	Thu 10/29/09	Thu 10/29/09
762	**OS**	**MPIM to OS**	**134 days**	**0%**	**Mon 1/5/09**	**Mon 7/13/09**
763	OS	OS Roles defined	0 days	100%	Mon 1/5/09	Mon 1/5/09
764	OS	OS LDAP and tables established	0 days	100%	Mon 1/5/09	Mon 1/5/09
765	**OS**	**Develop MPIM=>OS Test Plans, Cases & Scripts**	**14 days**	**0%**	**Mon 4/20/09**	**Thu 5/7/09**
766	**OS**	**Create MPIM=>OS Test Plan**	**3 days**	**0%**	**Mon 4/20/09**	**Wed 4/22/09**
767	OS	Create & Update Test Plan	2 days	0%	Mon 4/20/09	Tue 4/21/09
768	OS	Review & Approve Test Plan	1 day	0%	Wed 4/22/09	Wed 4/22/09
769	OS	Test Plan Completed	0 days	0%	Wed 4/22/09	Wed 4/22/09
770	**OS**	**Create MPIM=>OS Test Cases**	**3 days**	**0%**	**Thu 4/23/09**	**Mon 4/27/09**
771	OS	Create MPIM=>OS Test Cases	2 days	0%	Thu 4/23/09	Fri 4/24/09
772	OS	Review & Approve Test Cases	1 day	0%	Mon 4/27/09	Mon 4/27/09
773	OS	Test Cases Completed	0 days	0%	Mon 4/27/09	Mon 4/27/09
774	**OS**	**Create MPIM=>OS Scripts**	**10 days**	**0%**	**Thu 4/23/09**	**Wed 5/6/09**
775	OS	Create MPIM=>OS Test Scripts	8 days	0%	Thu 4/23/09	Mon 5/4/09
776	OS	Review & Approve Test Scripts	2 days	0%	Tue 5/5/09	Wed 5/6/09
777	OS	Test Scripts Completed	0 days	0%	Wed 5/6/09	Wed 5/6/09
778	OS	Submit MPIM=>MMS Test Plans, Cases & Scripts	1 day	0%	Thu 5/7/09	Thu 5/7/09
779	OS	Migrate MPIM=>OS to FAT (MPIM is not present in FAT)	0 days	0%	Thu 5/7/09	Thu 5/7/09
780	**OS**	**Migrate MPIM=>OS to iTest**	**45 days**	**0%**	**Fri 5/8/09**	**Mon 7/13/09**
781	OS	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 5/8/09	Fri 5/8/09
782	OS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 5/11/09	Mon 5/11/09
783	OS	Review MPIM=>OS Test Plans, Cases & Scripts	2 days	0%	Fri 5/8/09	Mon 5/11/09
784	OS	Modify MPIM=>OS Test Plans, Cases & Scripts (if necessary)	2 days	0%	Tue 5/12/09	Wed 5/13/09
785	OS	Approve MPIM=>OS Test Plans, Cases & Scripts	1 day	0%	Thu 5/14/09	Thu 5/14/09
786	OS	MPIM=>OS Interface Ready for iTest	0 days	0%	Thu 5/14/09	Thu 5/14/09
787	**OS**	**Execute MPIM=>MMS Integration Test**	**44 days**	**0%**	**Fri 5/8/09**	**Mon 7/13/09**
788	**OS**	**iTEST Setup & Test**	**44 days**	**0%**	**Fri 5/8/09**	**Mon 7/13/09**
789	OS	MPIM available	0 days	0%	Fri 5/8/09	Fri 5/8/09
790	OS	OS Roles defined	0 days	0%	Fri 5/8/09	Fri 5/8/09
791	OS	OS LDAP and tables established	0 days	0%	Thu 5/14/09	Thu 5/14/09
792	OS	Validate Roles and access to OS	10 days	0%	Fri 5/15/09	Fri 5/29/09
793	OS	Log MPIM iTest defect (if necessary)	10 days	0%	Mon 6/1/09	Fri 6/12/09
794	OS	Repair & Verify MPIM FAT Defect Fixes	20 days	0%	Mon 6/15/09	Mon 7/13/09
795	OS	MPIM=>OS iTest Test Execution Completed	0 days	0%	Mon 7/13/09	Mon 7/13/09
796	**OS**	**OS to EDW**	**105 days**	**0%**	**Wed 4/1/09**	**Thu 8/27/09**
797	**OS**	**Develop OS=> EDW Replication Requirements**	**20 days**	**0%**	**Mon 4/13/09**	**Fri 5/8/09**
798	**OS**	**Review and Approve OS=> EDW Replication Requirements**	**20 days**	**0%**	**Mon 4/13/09**	**Fri 5/8/09**
799	OS	Identification of List of tables for Replication	15 days	0%	Mon 4/13/09	Fri 5/1/09
800	OS	Review & Approve Replication Requirements	3 days	0%	Mon 5/4/09	Wed 5/6/09
801	OS	Replication Requirement Approval Completed	2 days	0%	Thu 5/7/09	Fri 5/8/09
802	**OS**	**OS=>EDW to FAT**	**28 days**	**0%**	**Fri 5/8/09**	**Thu 6/18/09**
803	**OS**	**Execute OS=> EDW Replication Interface Tests**	**28 days**	**0%**	**Fri 5/8/09**	**Thu 6/18/09**
804	**OS**	**FAT Replication Interface**	**27 days**	**0%**	**Fri 5/8/09**	**Wed 6/17/09**
806	OS	EDW version for OS replication available	0 days	0%	Fri 5/8/09	Fri 5/8/09
807	OS	Verify OS database sturcture with EDW replication requriements FAT data load and update successfu	5 days	0%	Mon 5/11/09	Fri 5/15/09
808	OS	Verify Replication from EDW resources	10 days	0%	Mon 5/18/09	Mon 6/1/09
809	OS	Log FAT defect (if necessary)	2 days	0%	Tue 6/2/09	Wed 6/3/09
810	OS	Repair & Verify Defect Fixes	10 days	0%	Thu 6/4/09	Wed 6/17/09
811	OS	OS=>EDW Replication Test Execution Completed	1 day	0%	Thu 6/18/09	Thu 6/18/09
812	**OS**	**Migrate OS=> EDW to iTest**	**105 days**	**0%**	**Wed 4/1/09**	**Thu 8/27/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

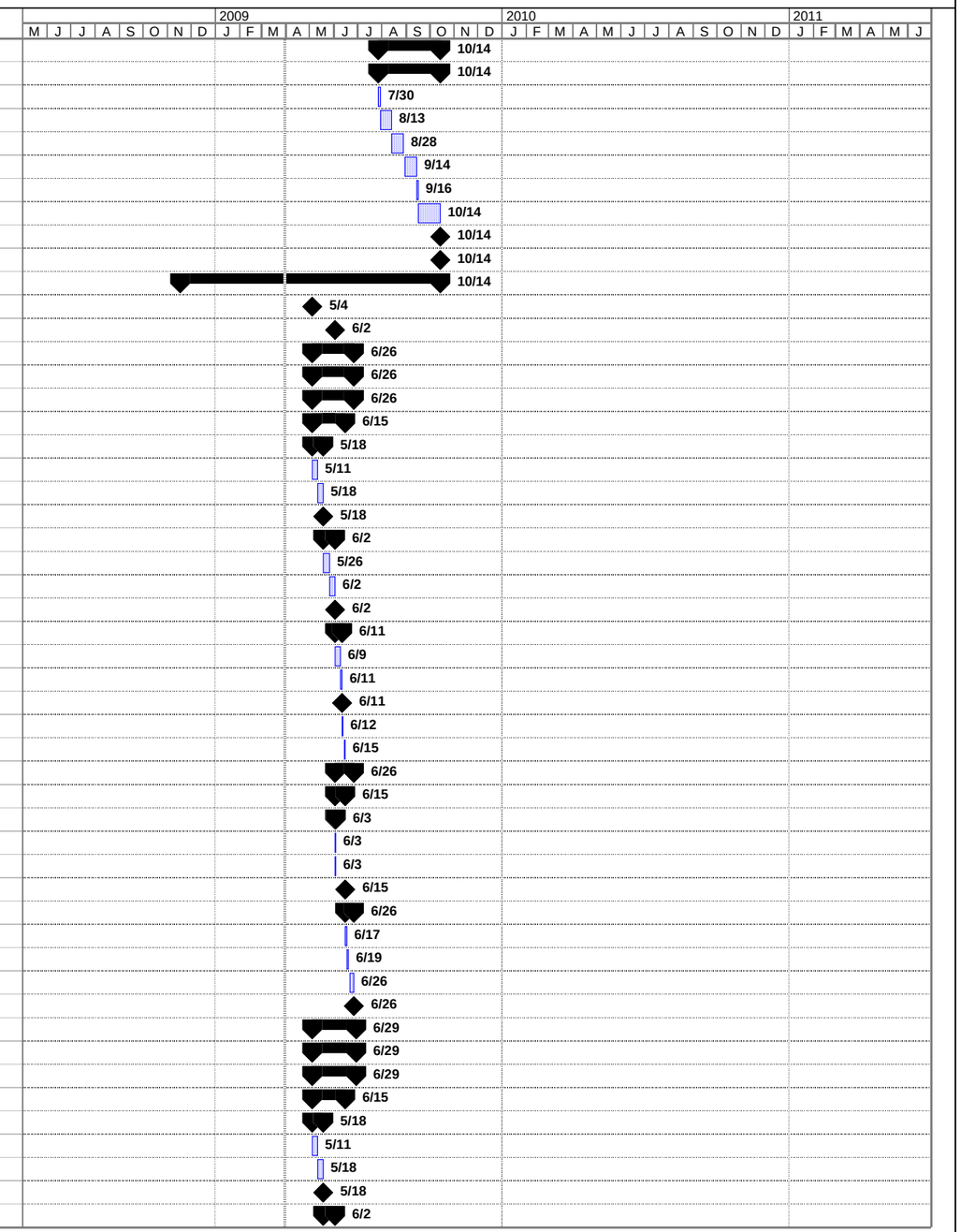
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
813	OS	iTest Environment availabiltiy	0 days	0%	Wed 4/1/09	Wed 4/1/09
814	OS	Perform Migration to ITEST (Core Project)	3 days	0%	Fri 6/19/09	Tue 6/23/09
815	OS	Approve Replicaiton requirements (if necessary)	3 days	0%	Wed 6/24/09	Fri 6/26/09
816	OS	OS => EDW Replication Interface Ready for iTest	0 days	0%	Fri 6/26/09	Fri 6/26/09
817	**OS**	**Execute OS=> EDW Replication Integration Test**	**43 days**	**0%**	**Mon 6/29/09**	**Thu 8/27/09**
818	**OS**	**iTEST Replication Interface Info**	**43 days**	**0%**	**Mon 6/29/09**	**Thu 8/27/09**
819	OS	Verify Replication from EDW resources	21 days	0%	Mon 6/29/09	Tue 7/28/09
820	OS	Log iTest defect (if necessary)	2 days	0%	Wed 7/29/09	Thu 7/30/09
821	OS	Repair & Verify Defect Fixes	20 days	0%	Fri 7/31/09	Thu 8/27/09
822	OS	OS=>EDW iTest Replication Test Execution Completed	0 days	0%	Thu 8/27/09	Thu 8/27/09
823	**OS**	**OS to MIS/CDR**	**189 days**	**0%**	**Tue 1/20/09**	**Wed 10/14/09**
824	**OS**	**Develop Test Plans, Cases & Scripts**	**13 days**	**0%**	**Mon 4/20/09**	**Wed 5/6/09**
825	**OS**	**Create OS Test Plan**	**5 days**	**0%**	**Mon 4/20/09**	**Fri 4/24/09**
826	OS	Create & Update Test Plan	4 days	0%	Mon 4/20/09	Thu 4/23/09
827	OS	Review & Approve Test Plan	1 day	0%	Fri 4/24/09	Fri 4/24/09
828	OS	Test Plan Completed	0 days	0%	Fri 4/24/09	Fri 4/24/09
829	**OS**	**Create OS Test Cases**	**3 days**	**0%**	**Mon 4/27/09**	**Wed 4/29/09**
830	OS	Create EMS=>OS Test Cases	2 days	0%	Mon 4/27/09	Tue 4/28/09
831	OS	Review & Approve Test Cases	1 day	0%	Wed 4/29/09	Wed 4/29/09
832	OS	Test Cases Completed	0 days	0%	Wed 4/29/09	Wed 4/29/09
833	**OS**	**Create OS Scripts**	**6 days**	**0%**	**Mon 4/27/09**	**Mon 5/4/09**
834	OS	Create EMS=>OS Test Scripts	5 days	0%	Mon 4/27/09	Fri 5/1/09
835	OS	Review & Approve Test Scripts	1 day	0%	Mon 5/4/09	Mon 5/4/09
836	OS	Test Scripts Completed	0 days	0%	Mon 5/4/09	Mon 5/4/09
837	OS	Create MMCR OS Test Plans, Cases & Scripts	1 day	0%	Tue 5/5/09	Tue 5/5/09
838	OS	Submit OS MMCR for Test Plans, Cases & Scripts	1 day	0%	Wed 5/6/09	Wed 5/6/09
839	**OS**	**Develop OS=> MIS Posting Requirements**	**2 days**	**0%**	**Fri 4/10/09**	**Tue 4/14/09**
840	**OS**	**Review and Approve OS=> MIS Posting Requirements**	**2 days**	**0%**	**Fri 4/10/09**	**Tue 4/14/09**
841	OS	Review & Approve Posting Requirements	0 days	0%	Fri 4/10/09	Fri 4/10/09
842	OS	Posting Requirement Approval Completed	2 days	0%	Mon 4/13/09	Tue 4/14/09
843	**OS**	**OS=>MIS to FAT**	**121 days**	**0%**	**Tue 1/20/09**	**Thu 7/9/09**
844	**OS**	**Execute OS=> MIS Interface Tests**	**121 days**	**0%**	**Tue 1/20/09**	**Thu 7/9/09**
845	**OS**	**FAT Report Posting Interface**	**120 days**	**0%**	**Tue 1/20/09**	**Wed 7/8/09**
847	OS	MIS Build 11 available with CDR and EDW Report portal entries	0 days	0%	Fri 5/1/09	Fri 5/1/09
849	OS	EDW version for OS reports available	0 days	0%	Tue 6/2/09	Tue 6/2/09
850	OS	CDR Reports available in FAT	0 days	100%	Tue 1/20/09	Tue 1/20/09
851	OS	Verify MIR setup and MIS Portal entires created	3 days	0%	Wed 6/3/09	Fri 6/5/09
852	OS	Generate OS EDW Reports and post it in MIS	5 days	0%	Mon 6/8/09	Fri 6/12/09
853	OS	Generate OS CDR Reports and post it in MIS	5 days	0%	Mon 6/15/09	Fri 6/19/09
854	OS	Log FAT defect (if necessary)	2 days	0%	Mon 6/22/09	Tue 6/23/09
855	OS	Repair & Verify Defect Fixes	10 days	0%	Wed 6/24/09	Wed 7/8/09
856	OS	OS=>MIS Posting Test Execution Completed	1 day	0%	Thu 7/9/09	Thu 7/9/09
857	**OS**	**Migrate OS Reports to iTest**	**189 days**	**0%**	**Tue 1/20/09**	**Wed 10/14/09**
858	OS	iTest Environment availabiltiy	0 days	0%	Wed 4/1/09	Wed 4/1/09
859	OS	MIS Build 11 Version available with CDR and EDW Report portal entries	0 days	0%	Fri 5/1/09	Fri 5/1/09
860	OS	EDW Replication Setup/Reports for OS data available	0 days	0%	Tue 6/2/09	Tue 6/2/09
861	OS	CDR Reprots migrated to iTest	0 days	100%	Tue 1/20/09	Tue 1/20/09
862	OS	Perform Migration to ITEST (EDW Reports)	2 days	0%	Fri 7/10/09	Mon 7/13/09
863	OS	Perform Migration to iTest (CDR Reports)	2 days	0%	Tue 7/14/09	Wed 7/15/09
864	OS	Approve Posting requirements (if necessary)	2 days	0%	Thu 7/16/09	Fri 7/17/09
865	OS	OS => MIS Posting Report Interface Ready for iTest	6 days	0%	Mon 7/20/09	Mon 7/27/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Critical Task Progress | Rolled Up Task | Rolled Up Progress | Project Summary
Task Progress | Milestone | Rolled Up Critical Task | Split | Group By Summary
Critical Task (20d) | Summary | Rolled Up Milestone | External Tasks | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
866	**OS**	**Execute OS => MIS Report Posting Integration Test**	**56 days**	**0%**	**Tue 7/28/09**	**Wed 10/14/09**
867	**OS**	**iTEST Interface Info**	**56 days**	**0%**	**Tue 7/28/09**	**Wed 10/14/09**
868	OS	Verify MIR setup and MIS Portal entires created	3 days	0%	Tue 7/28/09	Thu 7/30/09
869	OS	Generate OS EDW Reports and post it in MIS	10 days	0%	Fri 7/31/09	Thu 8/13/09
870	OS	Generate OS CDR Reports and post it in MIS	11 days	0%	Fri 8/14/09	Fri 8/28/09
871	OS	Reports Business Verfication	10 days	0%	Mon 8/31/09	Mon 9/14/09
872	OS	Log iTest defect (if necessary)	2 days	0%	Tue 9/15/09	Wed 9/16/09
873	OS	Repair & Verify Defect Fixes	20 days	0%	Thu 9/17/09	Wed 10/14/09
874	OS	OS=>MIS iTest Report Posting Test Execution Completed	0 days	0%	Wed 10/14/09	Wed 10/14/09
875	CRR	OS - Interface Testing End	0 days	0%	Wed 10/14/09	Wed 10/14/09
876	**EMS**	**EMS - Energy Management System**	**221 days**	**0%**	**Tue 11/18/08**	**Wed 10/14/09**
878	EMS	Receive EMS 6.5.x Ready for Integration	0 days	0%	Mon 5/4/09	Mon 5/4/09
880	EMS	Receive EMS Release 6.X SPRs Patch 3 FAT Complete	0 days	0%	Tue 6/2/09	Tue 6/2/09
881	**EMS**	**PRT TO EMS**	**38 days**	**0%**	**Tue 5/5/09**	**Fri 6/26/09**
882	**EMS**	**EMS**	**38 days**	**0%**	**Tue 5/5/09**	**Fri 6/26/09**
883	**EMS**	**PRT (Extenal Service) to EMS**	**38 days**	**0%**	**Tue 5/5/09**	**Fri 6/26/09**
884	**EMS**	**Update PRT =>EMS Test Plans, Cases & Scripts**	**29 days**	**0%**	**Tue 5/5/09**	**Mon 6/15/09**
885	**EMS**	**Update PRT =>EMS Test Plan**	**10 days**	**0%**	**Tue 5/5/09**	**Mon 5/18/09**
886	EMS	Update PRT =>EMS Test Plan	5 days	0%	Tue 5/5/09	Mon 5/11/09
887	EMS	Review & Approve PRT =>EMS Test Plan	5 days	0%	Tue 5/12/09	Mon 5/18/09
888	EMS	PRT =>EMS Test Plan Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
889	**EMS**	**Update PRT =>EMS Test Cases**	**10 days**	**0%**	**Tue 5/19/09**	**Tue 6/2/09**
890	EMS	Update PRT =>EMS Test Cases	5 days	0%	Tue 5/19/09	Tue 5/26/09
891	EMS	Review & Approve PRT =>EMS Test Cases	5 days	0%	Wed 5/27/09	Tue 6/2/09
892	EMS	PRT =>EMS Test Cases Completed	0 days	0%	Tue 6/2/09	Tue 6/2/09
893	**EMS**	**Update PRT =>EMS Scripts**	**7 days**	**0%**	**Wed 6/3/09**	**Thu 6/11/09**
894	EMS	Update PRT =>EMS Test Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
895	EMS	Review & Approve PRT =>EMS Test Scripts	2 days	0%	Wed 6/10/09	Thu 6/11/09
896	EMS	PRT =>EMS Test Scripts Completed	0 days	0%	Thu 6/11/09	Thu 6/11/09
897	EMS	Submit PRT =>EMS Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 6/12/09	Fri 6/12/09
898	EMS	Approve PRT =>EMS Test Plans, Cases & Scripts	1 day	0%	Mon 6/15/09	Mon 6/15/09
899	**EMS**	**Execute PRT => EMS Interface Test**	**18 days**	**0%**	**Wed 6/3/09**	**Fri 6/26/09**
900	**EMS**	**PRT =>EMS iTEST Setup Tasks**	**9 days**	**0%**	**Wed 6/3/09**	**Mon 6/15/09**
901	**EMS**	**Verify iTEST Set-up**	**1 day**	**0%**	**Wed 6/3/09**	**Wed 6/3/09**
902	EMS	EMS Code Installed & Smoked Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
903	EMS	PRT to EMS Interface Code Installed & Smoked Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
904	EMS	PRT to EMS Interface Ready for iTest	0 days	0%	Mon 6/15/09	Mon 6/15/09
905	**EMS**	**PRT =>EMS iTEST Execution Tasks**	**9 days**	**0%**	**Tue 6/16/09**	**Fri 6/26/09**
906	EMS	Execute External Load Forecast data import from PRT external service in iTEST	2 days	0%	Tue 6/16/09	Wed 6/17/09
907	EMS	Log PRT => EMS Interface Defects (if necessary)	2 days	0%	Thu 6/18/09	Fri 6/19/09
908	EMS	Repair & Verify Defect Fixes	5 days	0%	Mon 6/22/09	Fri 6/26/09
909	EMS	PRT => EMS iTEST Execution Completed	0 days	0%	Fri 6/26/09	Fri 6/26/09
910	**EMS**	**WEATHER TO EMS**	**39 days**	**0%**	**Tue 5/5/09**	**Mon 6/29/09**
911	**EMS**	**EMS**	**39 days**	**0%**	**Tue 5/5/09**	**Mon 6/29/09**
912	**EMS**	**WEATHER (Extenal Service) to EMS**	**39 days**	**0%**	**Tue 5/5/09**	**Mon 6/29/09**
913	**EMS**	**Update WEATHER =>EMS Test Plans, Cases & Scripts**	**29 days**	**0%**	**Tue 5/5/09**	**Mon 6/15/09**
914	**EMS**	**Update WEATHER =>EMS Test Plan**	**10 days**	**0%**	**Tue 5/5/09**	**Mon 5/18/09**
915	EMS	Update WEATHER =>EMS Test Plan	5 days	0%	Tue 5/5/09	Mon 5/11/09
916	EMS	Review & Approve WEATHER =>EMS Test Plan	5 days	0%	Tue 5/12/09	Mon 5/18/09
917	EMS	WEATHER =>EMS Test Plan Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
918	**EMS**	**Update WEATHER =>EMS Test Cases**	**10 days**	**0%**	**Tue 5/19/09**	**Tue 6/2/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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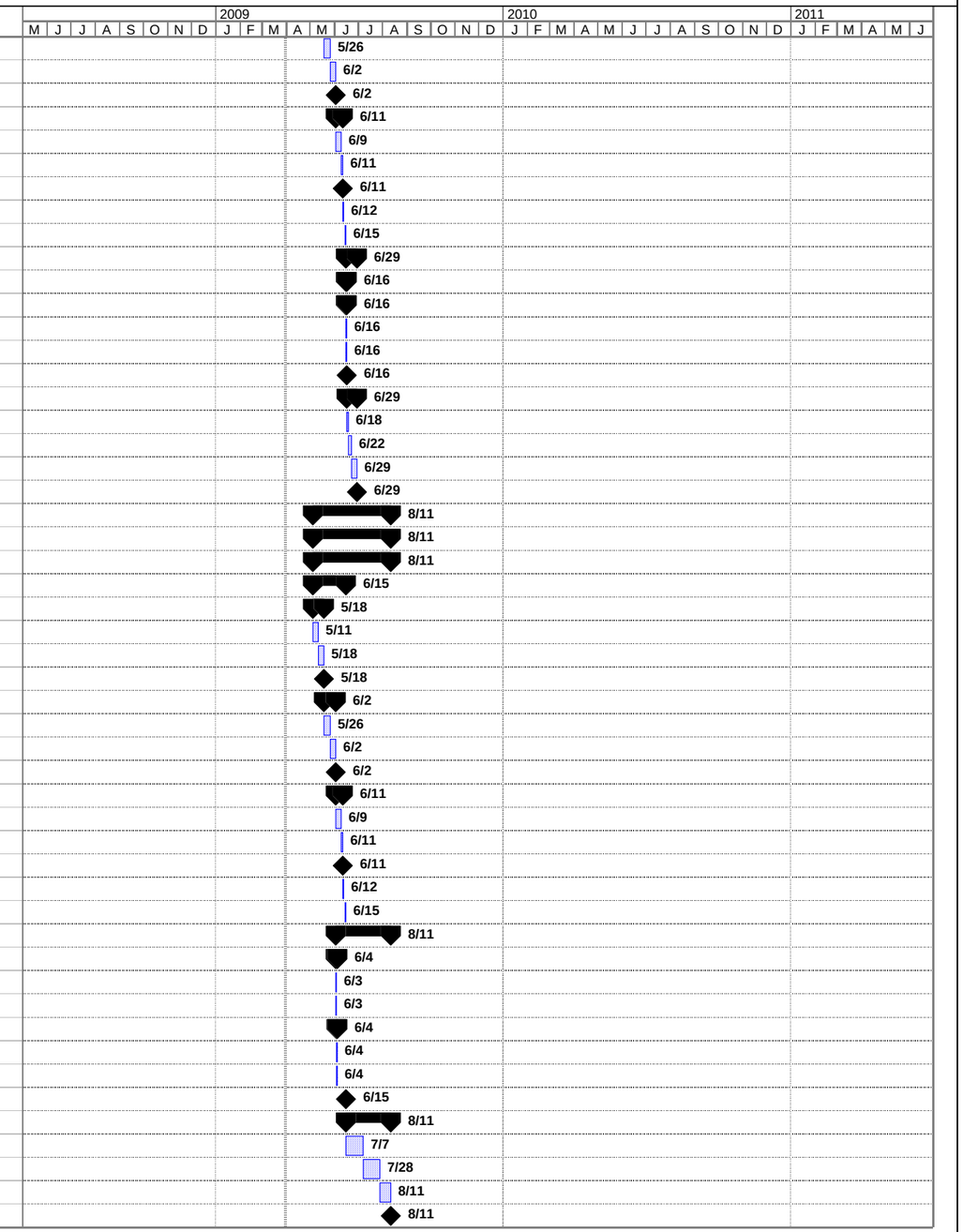
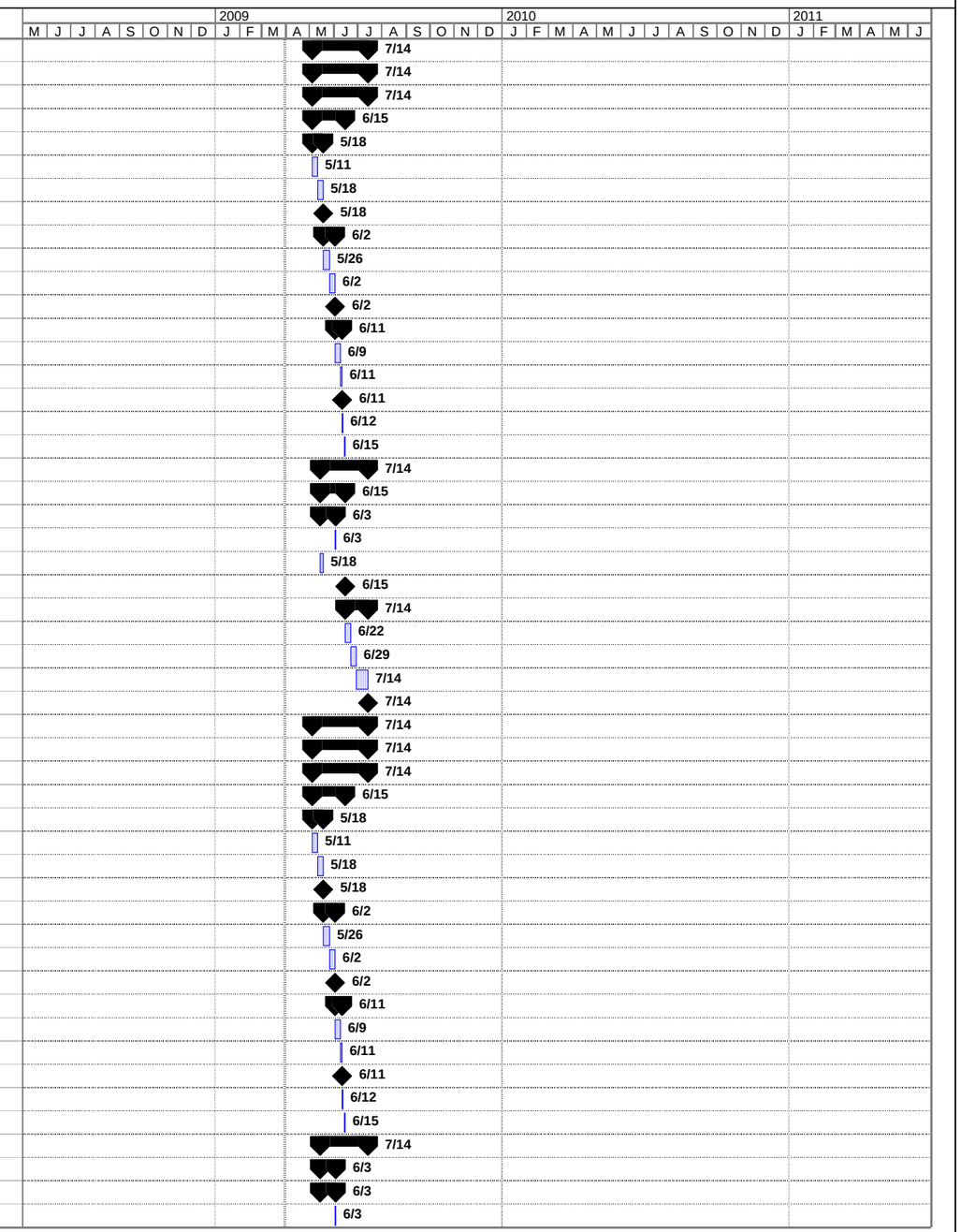
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
919	EMS	Update WEATHER =>EMS Test Cases	5 days	0%	Tue 5/19/09	Tue 5/26/09
920	EMS	Review & Approve WEATHER =>EMS Test Cases	5 days	0%	Wed 5/27/09	Tue 6/2/09
921	EMS	WEATHER =>EMS Test Cases Completed	0 days	0%	Tue 6/2/09	Tue 6/2/09
922	**EMS**	**Update WEATHER =>EMS Scripts**	**7 days**	**0%**	**Wed 6/3/09**	**Thu 6/11/09**
923	EMS	Update WEATHER =>EMS Test Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
924	EMS	Review & Approve WEATHER =>EMS Test Scripts	2 days	0%	Wed 6/10/09	Thu 6/11/09
925	EMS	WEATHER =>EMS Test Scripts Completed	0 days	0%	Thu 6/11/09	Thu 6/11/09
926	EMS	Submit WEATHER =>EMS Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 6/12/09	Fri 6/12/09
927	EMS	Approve WEATHER =>EMS Test Plans, Cases & Scripts	1 day	0%	Mon 6/15/09	Mon 6/15/09
928	**EMS**	**Execute WEATHER => EMS Interface Test**	**10 days**	**0%**	**Tue 6/16/09**	**Mon 6/29/09**
929	**EMS**	**WEATHER =>EMS iTEST Setup Tasks**	**1 day**	**0%**	**Tue 6/16/09**	**Tue 6/16/09**
930	**EMS**	**Verify iTEST Set-up**	**1 day**	**0%**	**Tue 6/16/09**	**Tue 6/16/09**
931	EMS	EMS Code Installed & Smoked Tested	1 day	0%	Tue 6/16/09	Tue 6/16/09
932	EMS	WEATHER to EMS Interface Code Installed & Smoked Tested	1 day	0%	Tue 6/16/09	Tue 6/16/09
933	EMS	WEATHER to EMS Interface Ready for iTest	0 days	0%	Tue 6/16/09	Tue 6/16/09
934	**EMS**	**WEATHER =>EMS iTEST Execution Tasks**	**9 days**	**0%**	**Wed 6/17/09**	**Mon 6/29/09**
935	EMS	Execute External Weather data import from WEATHER external service in iTEST	2 days	0%	Wed 6/17/09	Thu 6/18/09
936	EMS	Log WEATHER => EMS Interface Defects (if necessary)	2 days	0%	Fri 6/19/09	Mon 6/22/09
937	EMS	Repair & Verify Defect Fixes	5 days	0%	Tue 6/23/09	Mon 6/29/09
938	EMS	WEATHER => EMS iTEST Execution Completed	0 days	0%	Mon 6/29/09	Mon 6/29/09
939	**EMS**	**EMS TO CDR**	**69 days**	**0%**	**Tue 5/5/09**	**Tue 8/11/09**
940	**EMS**	**EMS**	**69 days**	**0%**	**Tue 5/5/09**	**Tue 8/11/09**
941	**EMS**	**EMS to CDR (EMS-CDR Reports)**	**69 days**	**0%**	**Tue 5/5/09**	**Tue 8/11/09**
942	**EMS**	**Update EMS => CDR Test Plans, Cases & Scripts**	**29 days**	**0%**	**Tue 5/5/09**	**Mon 6/15/09**
943	**EMS**	**Update EMS => CDR Test Plan**	**10 days**	**0%**	**Tue 5/5/09**	**Mon 5/18/09**
944	EMS	Update EMS => CDR Test Plan	5 days	0%	Tue 5/5/09	Mon 5/11/09
945	EMS	Review & Approve EMS => CDR Test Plan	5 days	0%	Tue 5/12/09	Mon 5/18/09
946	EMS	EMS => CDR Test Plan Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
947	**EMS**	**Update EMS => CDR Test Cases**	**10 days**	**0%**	**Tue 5/19/09**	**Tue 6/2/09**
948	EMS	Update EMS => CDR Test Cases	5 days	0%	Tue 5/19/09	Tue 5/26/09
949	EMS	Review & Approve EMS => CDR Test Cases	5 days	0%	Wed 5/27/09	Tue 6/2/09
950	EMS	EMS => CDR Test Cases Completed	0 days	0%	Tue 6/2/09	Tue 6/2/09
951	**EMS**	**Update EMS => CDR Scripts**	**7 days**	**0%**	**Wed 6/3/09**	**Thu 6/11/09**
952	EMS	Update EMS => CDR Test Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
953	EMS	Review & Approve EMS => CDR Test Scripts	2 days	0%	Wed 6/10/09	Thu 6/11/09
954	EMS	EMS => CDR Test Scripts Completed	0 days	0%	Thu 6/11/09	Thu 6/11/09
955	EMS	Submit EMS => CDR Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 6/12/09	Fri 6/12/09
956	EMS	Approve EMS => CDR Test Plans, Cases & Scripts	1 day	0%	Mon 6/15/09	Mon 6/15/09
957	**EMS**	**Execute EMS => CDR Interface Test**	**49 days**	**0%**	**Wed 6/3/09**	**Tue 8/11/09**
958	**EMS**	**Verify iTEST/EDS4 Set-up**	**2 days**	**0%**	**Wed 6/3/09**	**Thu 6/4/09**
959	EMS	EMS Code Installed & Smoked Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
960	EMS	EMS to CDR Interface Code Installed & Smoked Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
961	**EMS**	**Verify that CDR Report Implementation (MIS-PR1) is Complete in iTest/EDS4 & Smoke teste**	**1 day**	**0%**	**Thu 6/4/09**	**Thu 6/4/09**
962	EMS	1. All the Reports are Implemented	1 day	0%	Thu 6/4/09	Thu 6/4/09
963	EMS	2. Reports are available in MID/MIR Area	1 day	0%	Thu 6/4/09	Thu 6/4/09
964	EMS	EMS to CDR Interface Ready for iTest	0 days	0%	Mon 6/15/09	Mon 6/15/09
965	**EMS**	**EMS => CDR iTEST Execution Tasks**	**40 days**	**0%**	**Tue 6/16/09**	**Tue 8/11/09**
966	EMS	Execute EMS-CDR Reports data export (MIS-PR1) to CDR in iTEST/EDS4	15 days	0%	Tue 6/16/09	Tue 7/7/09
967	EMS	Log EMS => CDR Interface Defects (if necessary)	15 days	0%	Wed 7/8/09	Tue 7/28/09
968	EMS	Repair & Verify Defect Fixes	10 days	0%	Wed 7/29/09	Tue 8/11/09
969	EMS	EMS => CDR iTEST/EDS 4 Execution Completed	0 days	0%	Tue 8/11/09	Tue 8/11/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
970	**EMS**	**AWS TO EMS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
971	**EMS**	**EMS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
972	**EMS**	**AWS (Extenal Service) to EMS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
973	**EMS**	**Update AWS =>EMS Test Plans, Cases & Scripts**	**29 days**	**0%**	**Tue 5/5/09**	**Mon 6/15/09**
974	**EMS**	**Update AWS =>EMS Test Plan**	**10 days**	**0%**	**Tue 5/5/09**	**Mon 5/18/09**
975	EMS	Update AWS =>EMS Test Plan	5 days	0%	Tue 5/5/09	Mon 5/11/09
976	EMS	Review & Approve AWS =>EMS Test Plan	5 days	0%	Tue 5/12/09	Mon 5/18/09
977	EMS	AWS =>EMS Test Plan Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
978	**EMS**	**Update AWS =>EMS Test Cases**	**10 days**	**0%**	**Tue 5/19/09**	**Tue 6/2/09**
979	EMS	Update AWS =>EMS Test Cases	5 days	0%	Tue 5/19/09	Tue 5/26/09
980	EMS	Review & Approve AWS =>EMS Test Cases	5 days	0%	Wed 5/27/09	Tue 6/2/09
981	EMS	AWS =>EMS Test Cases Completed	0 days	0%	Tue 6/2/09	Tue 6/2/09
982	**EMS**	**Update AWS =>EMS Scripts**	**7 days**	**0%**	**Wed 6/3/09**	**Thu 6/11/09**
983	EMS	Update AWS =>EMS Test Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
984	EMS	Review & Approve AWS =>EMS Test Scripts	2 days	0%	Wed 6/10/09	Thu 6/11/09
985	EMS	AWS =>EMS Test Scripts Completed	0 days	0%	Thu 6/11/09	Thu 6/11/09
986	EMS	Submit AWS =>EMS Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 6/12/09	Fri 6/12/09
987	EMS	Approve AWS =>EMS Test Plans, Cases & Scripts	1 day	0%	Mon 6/15/09	Mon 6/15/09
988	**EMS**	**Execute AWS => EMS Interface Test**	**41 days**	**0%**	**Fri 5/15/09**	**Tue 7/14/09**
989	**EMS**	**AWS =>EMS iTEST Setup Tasks**	**21 days**	**0%**	**Fri 5/15/09**	**Mon 6/15/09**
990	**EMS**	**Verify iTEST Set-up**	**13 days**	**0%**	**Fri 5/15/09**	**Wed 6/3/09**
991	EMS	EMS Code Installed & Smoked Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
992	EMS	Verify that EIP-PR2 is complete in iTEST & Smoke Tested	2 days	0%	Fri 5/15/09	Mon 5/18/09
993	EMS	AWS =>EMS Adapter Ready for iTest	0 days	0%	Mon 6/15/09	Mon 6/15/09
994	**EMS**	**AWS =>EMS iTEST Execution Tasks**	**20 days**	**0%**	**Tue 6/16/09**	**Tue 7/14/09**
995	EMS	Execute Wind Forecast data import from AWS external service (EIP-PR2) in iTEST	5 days	0%	Tue 6/16/09	Mon 6/22/09
996	EMS	Log AWS => EMS Interface Defects (if necessary)	5 days	0%	Tue 6/23/09	Mon 6/29/09
997	EMS	Repair & Verify Defect Fixes	10 days	0%	Tue 6/30/09	Tue 7/14/09
998	EMS	AWS => EMS iTEST Execution Completed	0 days	0%	Tue 7/14/09	Tue 7/14/09
999	**EMS**	**AWS TO EWS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
1000	**EMS**	**EMS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
1001	**EMS**	**AWS (Extenal Service) to EWS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
1002	**EMS**	**Update AWS =>EWS Test Plans, Cases & Scripts**	**29 days**	**0%**	**Tue 5/5/09**	**Mon 6/15/09**
1003	**EMS**	**Update AWS =>EWS Test Plan**	**10 days**	**0%**	**Tue 5/5/09**	**Mon 5/18/09**
1004	EMS	Update AWS =>EWS Test Plan	5 days	0%	Tue 5/5/09	Mon 5/11/09
1005	EMS	Review & Approve AWS =>EWS Test Plan	5 days	0%	Tue 5/12/09	Mon 5/18/09
1006	EMS	AWS =>EWS Test Plan Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1007	**EMS**	**Update AWS =>EWS Test Cases**	**10 days**	**0%**	**Tue 5/19/09**	**Tue 6/2/09**
1008	EMS	Update AWS =>EWS Test Cases	5 days	0%	Tue 5/19/09	Tue 5/26/09
1009	EMS	Review & Approve AWS =>EWS Test Cases	5 days	0%	Wed 5/27/09	Tue 6/2/09
1010	EMS	AWS =>EWS Test Cases Completed	0 days	0%	Tue 6/2/09	Tue 6/2/09
1011	**EMS**	**Update AWS =>EWS Scripts**	**7 days**	**0%**	**Wed 6/3/09**	**Thu 6/11/09**
1012	EMS	Update AWS =>EWS Test Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
1013	EMS	Review & Approve AWS =>EWS Test Scripts	2 days	0%	Wed 6/10/09	Thu 6/11/09
1014	EMS	AWS =>EWS Test Scripts Completed	0 days	0%	Thu 6/11/09	Thu 6/11/09
1015	EMS	Submit AWS =>EMS Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 6/12/09	Fri 6/12/09
1016	EMS	Approve AWS =>EMS Test Plans, Cases & Scripts	1 day	0%	Mon 6/15/09	Mon 6/15/09
1017	**EMS**	**Execute AWS => EWS Interface Test**	**41 days**	**0%**	**Fri 5/15/09**	**Tue 7/14/09**
1018	**EMS**	**AWS =>EWS iTEST Setup Tasks**	**13 days**	**0%**	**Fri 5/15/09**	**Wed 6/3/09**
1019	**EMS**	**Verify iTEST Set-up**	**13 days**	**0%**	**Fri 5/15/09**	**Wed 6/3/09**
1020	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09

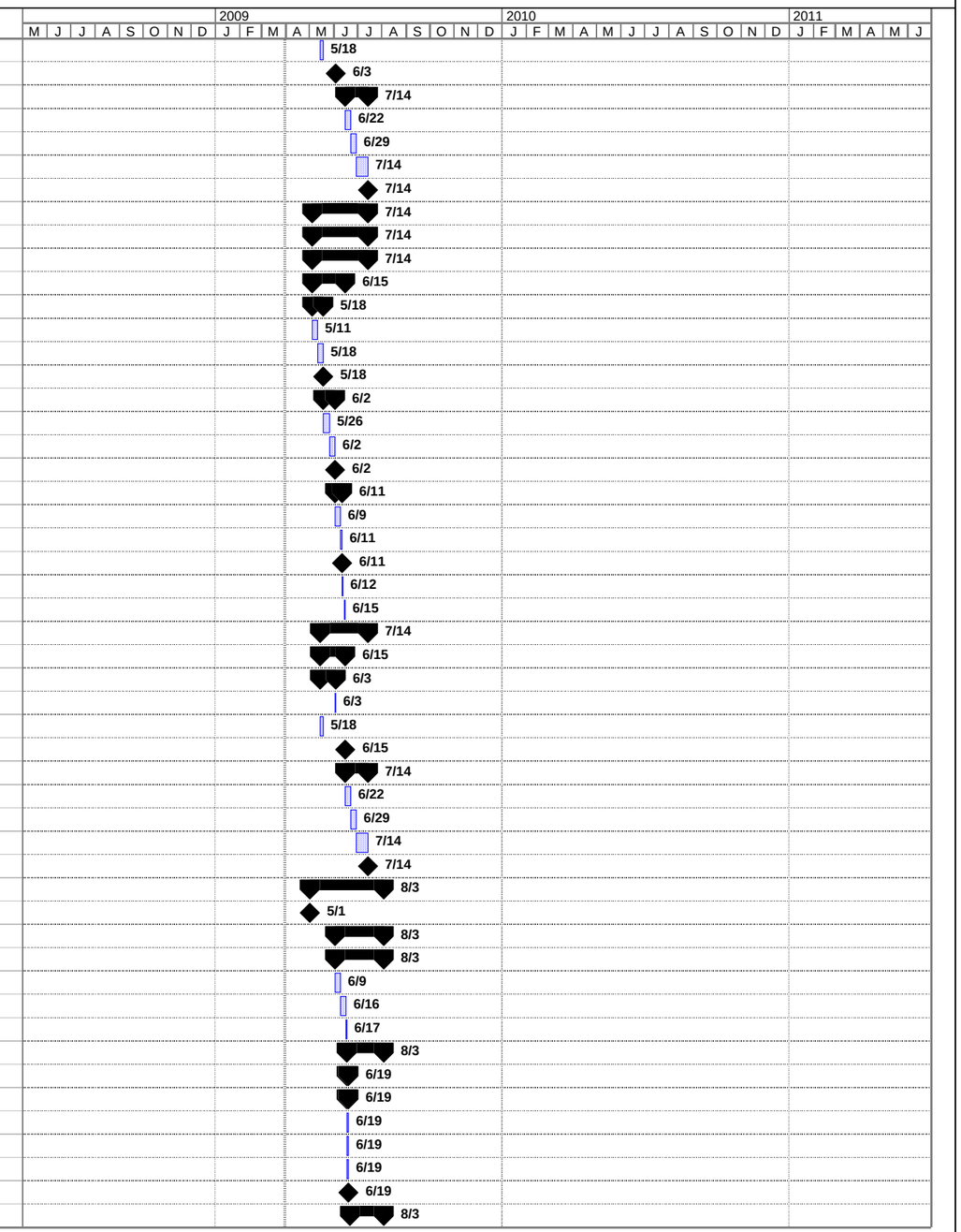


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

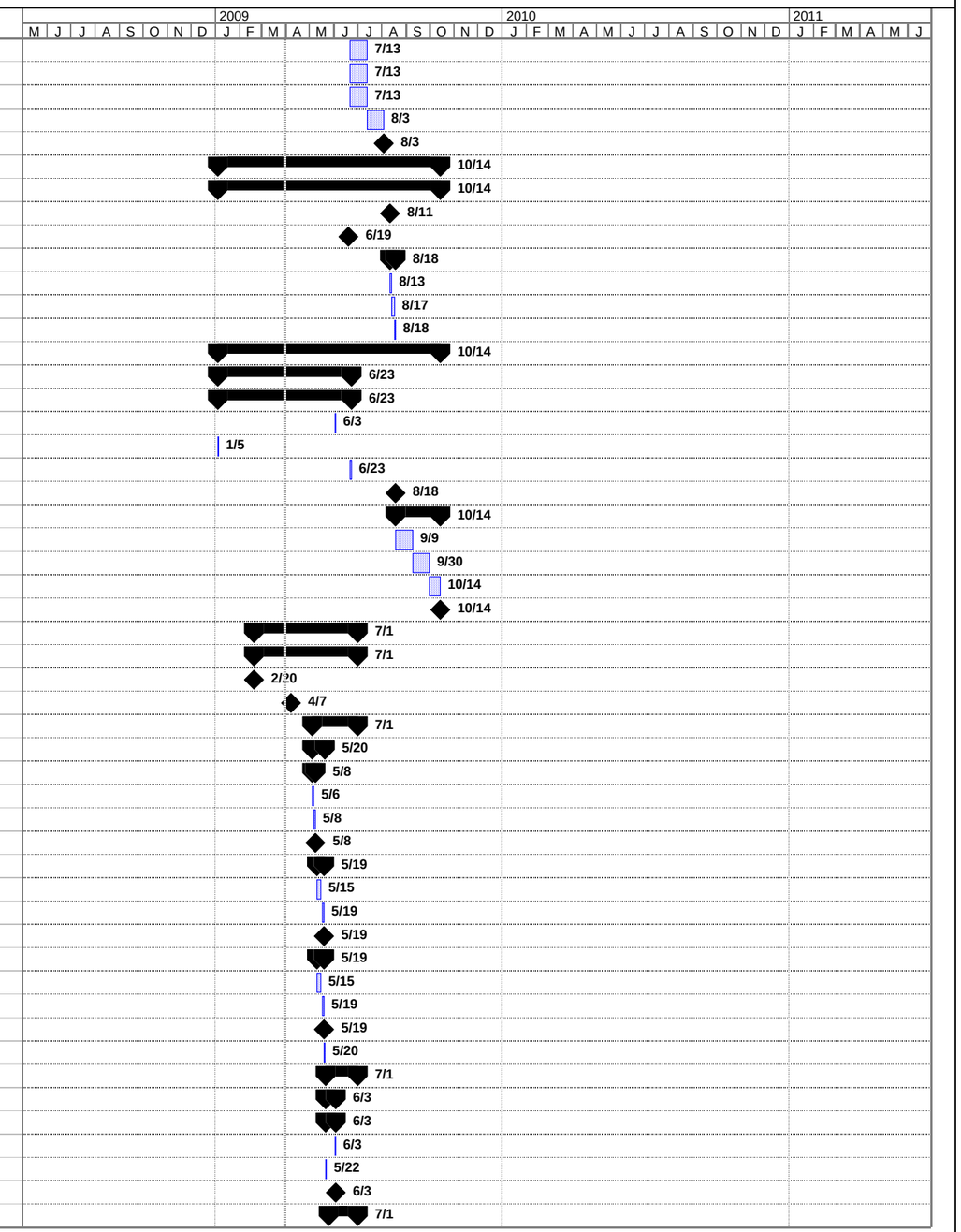
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1021	EMS	Verify that EIP-PR2 is complete in iTEST	2 days	0%	Fri 5/15/09	Mon 5/18/09
1022	EMS	AWS =>EMS Adapter Ready for iTest	0 days	0%	Wed 6/3/09	Wed 6/3/09
1023	**EMS**	**AWS =>EWS iTEST Execution Tasks**	**20 days**	**0%**	**Tue 6/16/09**	**Tue 7/14/09**
1024	EMS	Execute Wind Forecast data import from AWS external service (EIP-PR2) in iTEST	5 days	0%	Tue 6/16/09	Mon 6/22/09
1025	EMS	Log AWS => EWS Interface Defects (if necessary)	5 days	0%	Tue 6/23/09	Mon 6/29/09
1026	EMS	Repair & Verify Defect Fixes	10 days	0%	Tue 6/30/09	Tue 7/14/09
1027	EMS	AWS => EWS iTEST Execution Completed	0 days	0%	Tue 7/14/09	Tue 7/14/09
1028	**EMS**	**EMS TO AWS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
1029	**EMS**	**EMS**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
1030	**EMS**	**EMS to AWS (Extenal Service)**	**49 days**	**0%**	**Tue 5/5/09**	**Tue 7/14/09**
1031	**EMS**	**Develop EMS => AWS Test Plans, Cases & Scripts**	**29 days**	**0%**	**Tue 5/5/09**	**Mon 6/15/09**
1032	**EMS**	**Update EMS => AWS Test Plan**	**10 days**	**0%**	**Tue 5/5/09**	**Mon 5/18/09**
1033	EMS	Update EMS => AWS Test Plan	5 days	0%	Tue 5/5/09	Mon 5/11/09
1034	EMS	Review & Approve EMS => AWS Test Plan	5 days	0%	Tue 5/12/09	Mon 5/18/09
1035	EMS	EMS => AWS Test Plan Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1036	**EMS**	**Update EMS => AWS Test Cases**	**10 days**	**0%**	**Tue 5/19/09**	**Tue 6/2/09**
1037	EMS	Update EMS => AWS Test Cases	5 days	0%	Tue 5/19/09	Tue 5/26/09
1038	EMS	Review & Approve EMS => AWS Test Cases	5 days	0%	Wed 5/27/09	Tue 6/2/09
1039	EMS	EMS => AWS Test Cases Completed	0 days	0%	Tue 6/2/09	Tue 6/2/09
1040	**EMS**	**Update EMS => AWS Scripts**	**7 days**	**0%**	**Wed 6/3/09**	**Thu 6/11/09**
1041	EMS	Update EMS => AWS Test Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
1042	EMS	Review & Approve EMS => AWS Test Scripts	2 days	0%	Wed 6/10/09	Thu 6/11/09
1043	EMS	EMS => AWS Test Scripts Completed	0 days	0%	Thu 6/11/09	Thu 6/11/09
1044	EMS	Submit EMS => AWS Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 6/12/09	Fri 6/12/09
1045	EMS	Approve EMS => AWS Test Plans, Cases & Scripts	1 day	0%	Mon 6/15/09	Mon 6/15/09
1046	**EMS**	**Execute EMS => AWS Interface Test**	**41 days**	**0%**	**Fri 5/15/09**	**Tue 7/14/09**
1047	**EMS**	**EMS => AWS iTEST Setup Tasks**	**21 days**	**0%**	**Fri 5/15/09**	**Mon 6/15/09**
1048	**EMS**	**Verify iTEST Set-up**	**13 days**	**0%**	**Fri 5/15/09**	**Wed 6/3/09**
1049	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1050	EMS	Verify that EIP-PR1 is complete in iTEST	2 days	0%	Fri 5/15/09	Mon 5/18/09
1051	EMS	EMS => AWS iTEST Execution Completed	0 days	0%	Mon 6/15/09	Mon 6/15/09
1052	**EMS**	**EMS => AWS iTEST Execution Tasks**	**20 days**	**0%**	**Tue 6/16/09**	**Tue 7/14/09**
1053	EMS	Execute Observation Data export to AWS external service (EIP-PR1) in iTEST	5 days	0%	Tue 6/16/09	Mon 6/22/09
1054	EMS	Log EMS => AWS Interface Defects (if necessary)	5 days	0%	Tue 6/23/09	Mon 6/29/09
1055	EMS	Repair & Verify Defect Fixes	10 days	0%	Tue 6/30/09	Tue 7/14/09
1056	EMS	EMS => AWS iTEST Execution Completed	0 days	0%	Tue 7/14/09	Tue 7/14/09
1057	**EMS**	**EMS TO EDW**	**64 days**	**0%**	**Fri 5/1/09**	**Mon 8/3/09**
1059	EMS	Receive EMS replication from EDW	0 days	0%	Fri 5/1/09	Fri 5/1/09
1060	**EMS**	**EMS**	**43 days**	**0%**	**Wed 6/3/09**	**Mon 8/3/09**
1061	**EMS**	**EMS to EDW (EMS-EDW Replication & Reports)**	**43 days**	**0%**	**Wed 6/3/09**	**Mon 8/3/09**
1062	EMS	Review EMS => EDW Test Plans, Cases & Scripts	5 days	0%	Wed 6/3/09	Tue 6/9/09
1063	EMS	Modify EMS => EDW Test Plans, Cases & Scripts	5 days	0%	Wed 6/10/09	Tue 6/16/09
1064	EMS	Approve EMS => EDW Test Plans, Cases & Scripts	1 day	0%	Wed 6/17/09	Wed 6/17/09
1065	**EMS**	**Execute EMS => EDW Ready Interface Test**	**32 days**	**0%**	**Thu 6/18/09**	**Mon 8/3/09**
1066	**EMS**	**EMS => EDW iTEST/EDS4 Setup Tasks**	**2 days**	**0%**	**Thu 6/18/09**	**Fri 6/19/09**
1067	**EMS**	**Verify iTEST/EDS4 Set-up**	**2 days**	**0%**	**Thu 6/18/09**	**Fri 6/19/09**
1068	EMS	Verify that EDW Replication Implementation (EDW-PR1 - 50 independent Replication items) i	2 days	0%	Thu 6/18/09	Fri 6/19/09
1069	EMS	Verify that EDW Reports Implementation (EDW-PR2 - 18 independent Reports) is complete ir	2 days	0%	Thu 6/18/09	Fri 6/19/09
1070	EMS	Verify that EDW Reports Implementation (EDW-PR2 - 18 independent Reports) has enough (	2 days	0%	Thu 6/18/09	Fri 6/19/09
1071	EMS	Execute EMS => EDW Ready Interface Test	0 days	0%	Fri 6/19/09	Fri 6/19/09
1072	**EMS**	**EMS => EDW iTEST Execution Tasks**	**30 days**	**0%**	**Mon 6/22/09**	**Mon 8/3/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

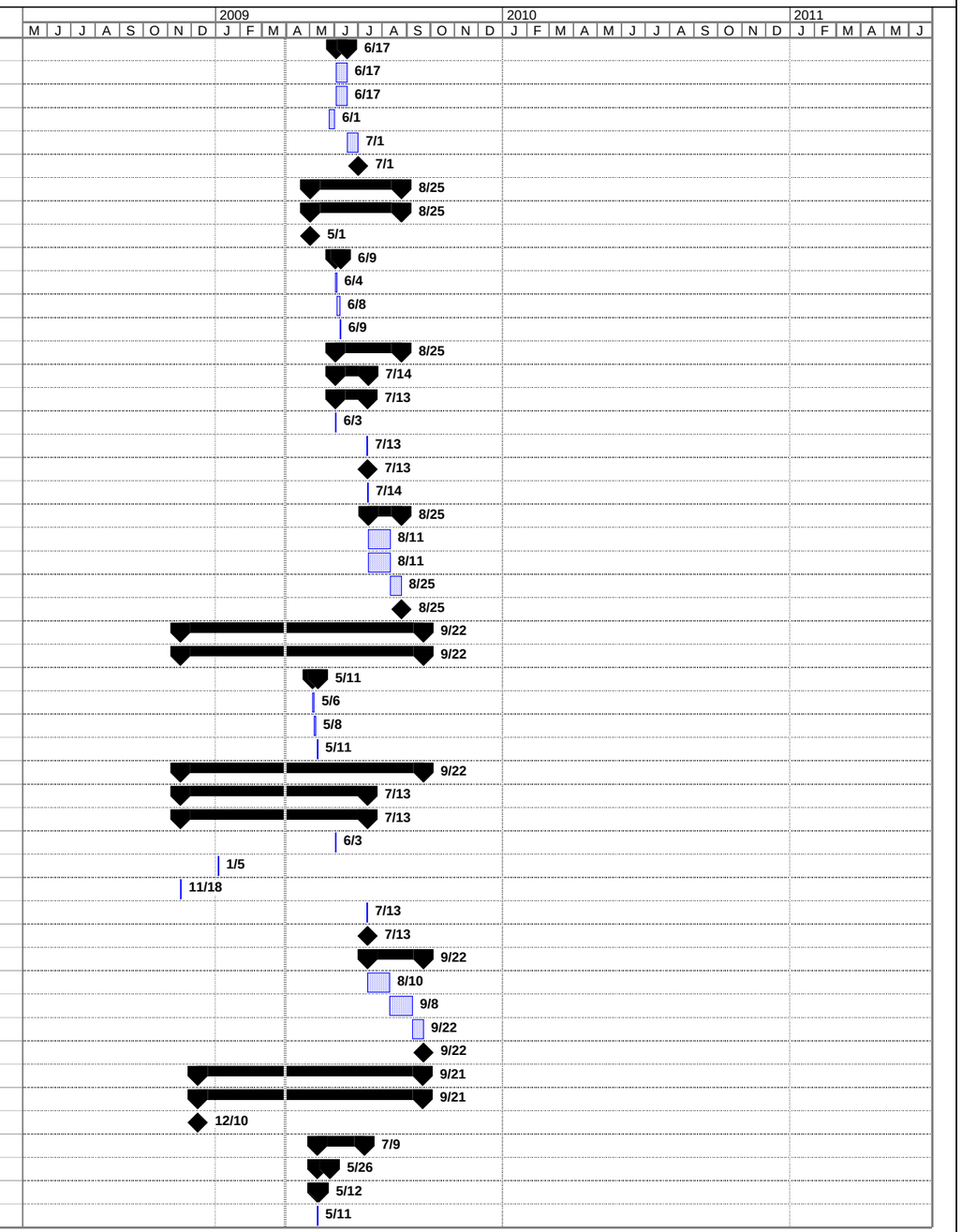
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1073	EMS	Execute EMS-EDW Replication data export (EDW-PR1 - 50 independent Replication items) to ED	15 days	0%	Mon 6/22/09	Mon 7/13/09
1074	EMS	Execute EMS-EDW Report data export (EDW-PR2 - 18 independent Reports) to EDW in iTEST/E	15 days	0%	Mon 6/22/09	Mon 7/13/09
1075	EMS	Log EMS => EDW Interface Defects (if necessary)	15 days	0%	Mon 6/22/09	Mon 7/13/09
1076	EMS	Repair & Verify Defect Fixes	15 days	0%	Tue 7/14/09	Mon 8/3/09
1077	EMS	EMS => EDW iTEST/EDS 4 Execution Completed	0 days	0%	Mon 8/3/09	Mon 8/3/09
1078	**EMS**	**EMS TO MIS**	**200 days**	**0%**	**Mon 1/5/09**	**Wed 10/14/09**
1079	**EMS**	**EMS**	**200 days**	**0%**	**Mon 1/5/09**	**Wed 10/14/09**
1080	EMS	EMS => CDR iTEST Complete	0 days	0%	Tue 8/11/09	Tue 8/11/09
1082	EMS	Receive Link Dashboards Group 2 to EIP Webservices	0 days	0%	Fri 6/19/09	Fri 6/19/09
1083	**EMS**	**EMS to MIS (EMS-MIS Dashboards)**	**5 days**	**0%**	**Wed 8/12/09**	**Tue 8/18/09**
1084	EMS	Review EMS => MIS Test Plans, Cases & Scripts	2 days	0%	Wed 8/12/09	Thu 8/13/09
1085	EMS	Modify EMS => MIS Test Plans, Cases & Scripts	2 days	0%	Fri 8/14/09	Mon 8/17/09
1086	EMS	Approve EMS => MIS Test Plans, Cases & Scripts	1 day	0%	Tue 8/18/09	Tue 8/18/09
1087	**EMS**	**Execute EMS => MIS Interface Test**	**200 days**	**0%**	**Mon 1/5/09**	**Wed 10/14/09**
1088	**EMS**	**EMS => MIS iTEST Setup Tasks**	**121 days**	**0%**	**Mon 1/5/09**	**Tue 6/23/09**
1089	**EMS**	**Verify iTEST Set-up**	**121 days**	**0%**	**Mon 1/5/09**	**Tue 6/23/09**
1090	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1091	EMS	Verify CDR to MID/MIR to MIS Interface Development in iTest Complete	1 day	0%	Mon 1/5/09	Mon 1/5/09
1092	EMS	Verify that MIS Dashboards Implementation (MIS-PR1) is complete in iTEST	2 days	0%	Mon 6/22/09	Tue 6/23/09
1093	EMS	EMS => MIS Adapter Ready for iTest	0 days	0%	Tue 8/18/09	Tue 8/18/09
1094	**EMS**	**EMS => MIS iTEST Execution Tasks**	**40 days**	**0%**	**Wed 8/19/09**	**Wed 10/14/09**
1095	EMS	Execute EMS-MIS Dashboards data export (MIS-PR1) to MIS in iTEST	15 days	0%	Wed 8/19/09	Wed 9/9/09
1096	EMS	Log EMS => MIS Interface Defects (if necessary)	15 days	0%	Thu 9/10/09	Wed 9/30/09
1097	EMS	Repair & Verify Defect Fixes	10 days	0%	Thu 10/1/09	Wed 10/14/09
1098	EMS	EMS => MIS iTEST Execution Completed	0 days	0%	Wed 10/14/09	Wed 10/14/09
1099	**EMS**	**NMMS TO EMS**	**93 days**	**0%**	**Fri 2/20/09**	**Wed 7/1/09**
1100	**EMS**	**EMS**	**93 days**	**0%**	**Fri 2/20/09**	**Wed 7/1/09**
1101	EMS	Receive EMS Release 6.4.x (CIM 1.21 & SIGs) to iTest	0 days	100%	Fri 2/20/09	Fri 2/20/09
1102	EMS	NMMS => EIP => EMS/MMS E-mail Based Interface Development Complete	0 days	0%	Tue 4/7/09	Tue 4/7/09
1103	**EMS**	**NMMS to EMS**	**41 days**	**0%**	**Tue 5/5/09**	**Wed 7/1/09**
1104	**EMS**	**Develop NMMS => EMS Test Plans, Cases & Scripts**	**12 days**	**0%**	**Tue 5/5/09**	**Wed 5/20/09**
1105	**EMS**	**Create NMMS => EMS Test Plan**	**4 days**	**0%**	**Tue 5/5/09**	**Fri 5/8/09**
1106	EMS	Create & Update NMMS => EMS Test Plan	2 days	0%	Tue 5/5/09	Wed 5/6/09
1107	EMS	Review & Approve NMMS => EMS Test Plan	2 days	0%	Thu 5/7/09	Fri 5/8/09
1108	EMS	NMMS => EMS Test Plan Completed	0 days	0%	Fri 5/8/09	Fri 5/8/09
1109	**EMS**	**Create NMMS => EMS Test Cases**	**7 days**	**0%**	**Mon 5/11/09**	**Tue 5/19/09**
1110	EMS	Create NMMS => EMS Test Cases	5 days	0%	Mon 5/11/09	Fri 5/15/09
1111	EMS	Review & Approve NMMS => EMS Test Cases	2 days	0%	Mon 5/18/09	Tue 5/19/09
1112	EMS	NMMS => EMS Test Cases Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
1113	**EMS**	**Create NMMS => EMS Scripts**	**7 days**	**0%**	**Mon 5/11/09**	**Tue 5/19/09**
1114	EMS	Create NMMS => EMS Test Scripts	5 days	0%	Mon 5/11/09	Fri 5/15/09
1115	EMS	Review & Approve NMMS => EMS Test Scripts	2 days	0%	Mon 5/18/09	Tue 5/19/09
1116	EMS	NMMS => EMS Test Scripts Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
1117	EMS	Approve NMMS => EMS Test Plans, Cases & Scripts	1 day	0%	Wed 5/20/09	Wed 5/20/09
1118	**EMS**	**Execute NMMS => EMS Interface Test**	**28 days**	**0%**	**Fri 5/22/09**	**Wed 7/1/09**
1119	**EMS**	**NMMS => EMS iTEST Setup Tasks**	**8 days**	**0%**	**Fri 5/22/09**	**Wed 6/3/09**
1120	**EMS**	**Verify iTEST Set-up**	**8 days**	**0%**	**Fri 5/22/09**	**Wed 6/3/09**
1121	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1123	EMS	NMMS Code & Interface Installed & Smoke Tested	1 day	0%	Fri 5/22/09	Fri 5/22/09
1124	EMS	NMMS =>EMS Interface Ready for iTest	0 days	0%	Wed 6/3/09	Wed 6/3/09
1125	**EMS**	**NMMS =>EMS iTEST Execution Tasks**	**27 days**	**0%**	**Tue 5/26/09**	**Wed 7/1/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1126	**EMS**	**Execute NMMS Model (CIM File) data import from NMMS (2 Test Scripts) in iTEST**	**10 days**	**0%**	**Thu 6/4/09**	**Wed 6/17/09**
1127	EMS	Test NMMS Model - FileNotifier operation notifies EMS about the presence of NMMS Networ	10 days	0%	Thu 6/4/09	Wed 6/17/09
1128	EMS	Test NMMS Model Import unattended batch process	10 days	0%	Thu 6/4/09	Wed 6/17/09
1129	EMS	Log NMMS => EMS Interface Defects (if necessary)	5 days	0%	Tue 5/26/09	Mon 6/1/09
1130	EMS	Repair & Verify Defect Fixes	10 days	0%	Thu 6/18/09	Wed 7/1/09
1131	EMS	NMMS => EMS iTEST Execution Completed	0 days	0%	Wed 7/1/09	Wed 7/1/09
1132	**EMS**	**MMS TO EMS**	**80 days**	**0%**	**Fri 5/1/09**	**Tue 8/25/09**
1133	**EMS**	**EMS**	**80 days**	**0%**	**Fri 5/1/09**	**Tue 8/25/09**
1135	EMS	MMS/OS Alarms to EMS Complete	0 days	0%	Fri 5/1/09	Fri 5/1/09
1136	**EMS**	**MMS to EMS**	**5 days**	**0%**	**Wed 6/3/09**	**Tue 6/9/09**
1137	EMS	Review MMS => EMS Test Plans, Cases & Scripts	2 days	0%	Wed 6/3/09	Thu 6/4/09
1138	EMS	Modify MMS => EMS Test Plans, Cases & Scripts	2 days	0%	Fri 6/5/09	Mon 6/8/09
1139	EMS	Approve MMS => EMS Test Plans, Cases & Scripts	1 day	0%	Tue 6/9/09	Tue 6/9/09
1140	**EMS**	**Execute MMS => EMS Interface Test**	**59 days**	**0%**	**Wed 6/3/09**	**Tue 8/25/09**
1141	**EMS**	**MMS => EMS iTEST Setup Tasks**	**29 days**	**0%**	**Wed 6/3/09**	**Tue 7/14/09**
1142	**EMS**	**Verify iTEST Set-up**	**28 days**	**0%**	**Wed 6/3/09**	**Mon 7/13/09**
1143	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1144	EMS	MMS Code & Interface Installed & Smoke Tested	1 day	0%	Mon 7/13/09	Mon 7/13/09
1145	EMS	MMS => EMS Interface Ready for iTest	0 days	0%	Mon 7/13/09	Mon 7/13/09
1146	EMS	Verify MMS and EMS are operating on the same model in DEV,FAT and iTest	1 day	0%	Tue 7/14/09	Tue 7/14/09
1147	**EMS**	**MMS =>EMS iTEST Execution Tasks**	**30 days**	**0%**	**Wed 7/15/09**	**Tue 8/25/09**
1148	EMS	Execute MMS => EMS Interface Tests (4 Data Flows) in iTEST	20 days	0%	Wed 7/15/09	Tue 8/11/09
1149	EMS	Log MMS => EMS Interface Defects (if necessary)	20 days	0%	Wed 7/15/09	Tue 8/11/09
1150	EMS	Repair & Verify Defect Fixes	10 days	0%	Wed 8/12/09	Tue 8/25/09
1151	EMS	MMS => EMS iTEST Execution Completed	0 days	0%	Tue 8/25/09	Tue 8/25/09
1152	**EMS**	**OS TO EMS**	**205 days**	**0%**	**Tue 11/18/08**	**Tue 9/22/09**
1153	**EMS**	**EMS**	**205 days**	**0%**	**Tue 11/18/08**	**Tue 9/22/09**
1154	**EMS**	**OS to EMS**	**5 days**	**0%**	**Tue 5/5/09**	**Mon 5/11/09**
1155	EMS	Review OS => EMS Test Plans, Cases & Scripts	2 days	0%	Tue 5/5/09	Wed 5/6/09
1156	EMS	Modify OS => EMS Test Plans, Cases & Scripts	2 days	0%	Thu 5/7/09	Fri 5/8/09
1157	EMS	Approve OS => EMS Test Plans, Cases & Scripts	1 day	0%	Mon 5/11/09	Mon 5/11/09
1158	**EMS**	**Execute OS => EMS Interface Test**	**205 days**	**0%**	**Tue 11/18/08**	**Tue 9/22/09**
1159	**EMS**	**OS => EMS iTEST Setup Tasks**	**155 days**	**0%**	**Tue 11/18/08**	**Mon 7/13/09**
1160	**EMS**	**Verify iTEST Set-up**	**155 days**	**0%**	**Tue 11/18/08**	**Mon 7/13/09**
1161	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1162	EMS	MMS Code & Interface Installed & Smoke Tested	1 day	0%	Mon 1/5/09	Mon 1/5/09
1163	EMS	Outage Data is Available	1 day	0%	Tue 11/18/08	Tue 11/18/08
1164	EMS	MMS and EMS are operating on the same model in DEV,FAT and iTest	1 day	0%	Mon 7/13/09	Mon 7/13/09
1165	EMS	OS => EMS Interface Ready for iTest	0 days	0%	Mon 7/13/09	Mon 7/13/09
1166	**EMS**	**OS =>EMS iTEST Execution Tasks**	**50 days**	**0%**	**Tue 7/14/09**	**Tue 9/22/09**
1167	EMS	Execute OS => EMS Interface Tests (4 Data Flows) in iTEST	20 days	0%	Tue 7/14/09	Mon 8/10/09
1168	EMS	Log OS => EMS Interface Defects (if necessary)	20 days	0%	Tue 8/11/09	Tue 9/8/09
1169	EMS	Repair & Verify Defect Fixes	10 days	0%	Wed 9/9/09	Tue 9/22/09
1170	EMS	OS => EMS iTEST Execution Completed	0 days	0%	Tue 9/22/09	Tue 9/22/09
1171	**EMS**	**EMS TO EWS**	**191 days**	**0%**	**Wed 12/10/08**	**Mon 9/21/09**
1172	**EMS**	**EMS**	**191 days**	**0%**	**Wed 12/10/08**	**Mon 9/21/09**
1173	EMS	EMS => EWS Interface Build Complete	0 days	100%	Wed 12/10/08	Wed 12/10/08
1174	**EMS**	**EMS to EWS - Phase 1 (Alerts and Notifications)**	**42 days**	**0%**	**Mon 5/11/09**	**Thu 7/9/09**
1175	**EMS**	**Develop EMS => EWS Test Plans, Cases & Scripts**	**11 days**	**0%**	**Mon 5/11/09**	**Tue 5/26/09**
1176	**EMS**	**Create EMS => EWS EMS => EWS Test Plan**	**2 days**	**0%**	**Mon 5/11/09**	**Tue 5/12/09**
1177	EMS	Create & Update EMS => EWS Test Plan	1 day	0%	Mon 5/11/09	Mon 5/11/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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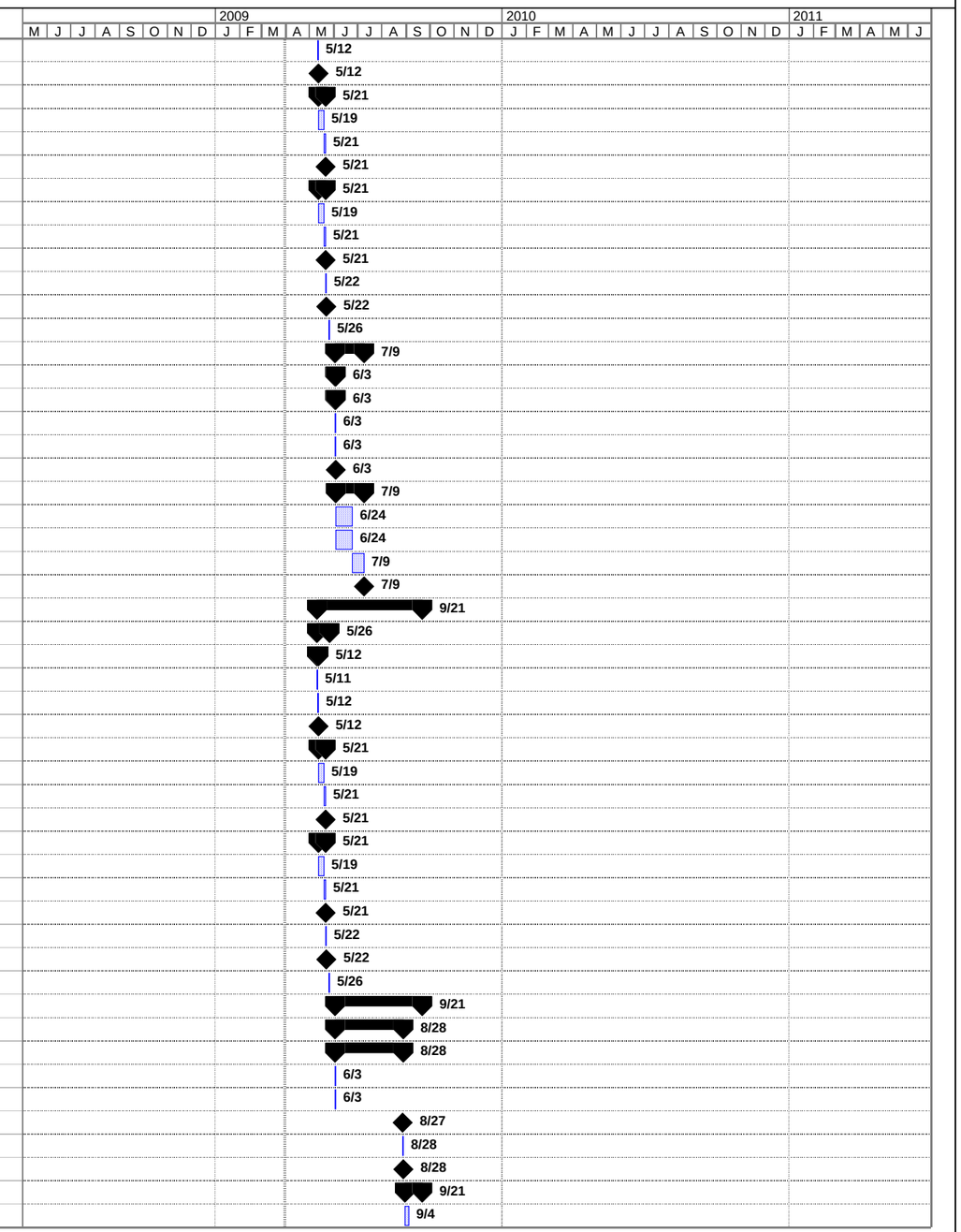
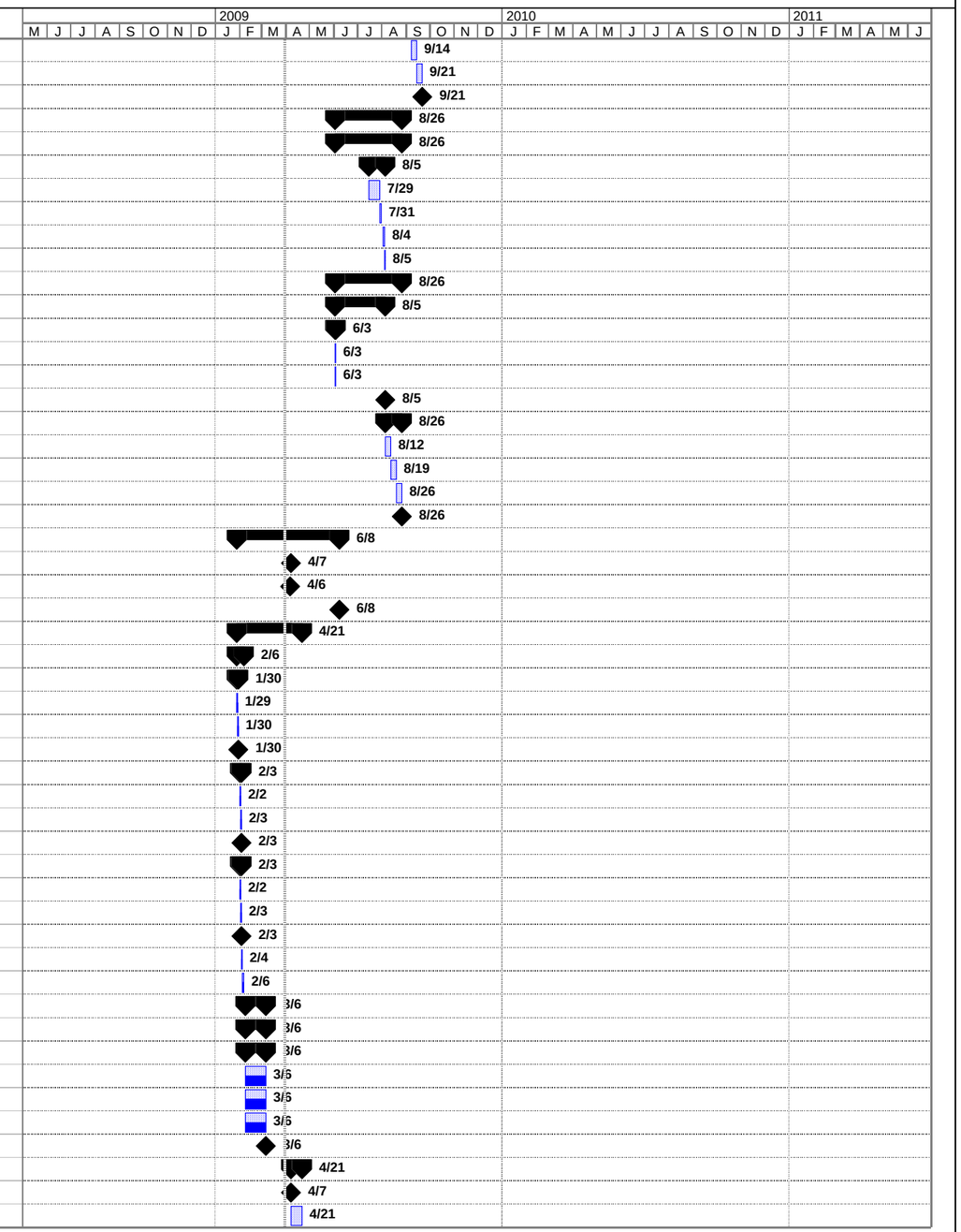
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1178	EMS	Review & Approve EMS => EWS Test Plan	1 day	0%	Tue 5/12/09	Tue 5/12/09
1179	EMS	EMS => EWS Test Plan Completed	0 days	0%	Tue 5/12/09	Tue 5/12/09
1180	**EMS**	**Create EMS => EWS Test Cases**	**7 days**	**0%**	**Wed 5/13/09**	**Thu 5/21/09**
1181	EMS	Create EMS => EWS Test Cases	5 days	0%	Wed 5/13/09	Tue 5/19/09
1182	EMS	Review & Approve EMS => EWS Test Cases	2 days	0%	Wed 5/20/09	Thu 5/21/09
1183	EMS	EMS => EWS Test Cases Completed	0 days	0%	Thu 5/21/09	Thu 5/21/09
1184	**EMS**	**Create EMS => EWS Scripts**	**7 days**	**0%**	**Wed 5/13/09**	**Thu 5/21/09**
1185	EMS	Create EMS => EWS Test Scripts	5 days	0%	Wed 5/13/09	Tue 5/19/09
1186	EMS	Review & Approve EMS => EWS Test Scripts	2 days	0%	Wed 5/20/09	Thu 5/21/09
1187	EMS	EMS => EWS Test Scripts Completed	0 days	0%	Thu 5/21/09	Thu 5/21/09
1188	EMS	Create EMS =>EWS Test Plans, Cases & Scripts for iTest	1 day	0%	Fri 5/22/09	Fri 5/22/09
1189	EMS	Submit EMS =>EWS Test Plans, Cases & Scripts for iTest	0 days	0%	Fri 5/22/09	Fri 5/22/09
1190	EMS	Approve EMS =>EWS Test Plans, Cases & Scripts	1 day	0%	Tue 5/26/09	Tue 5/26/09
1191	**EMS**	**Execute EMS => EWS Interface Test**	**26 days**	**0%**	**Wed 6/3/09**	**Thu 7/9/09**
1192	**EMS**	**EMS => EWS iTEST Setup Tasks**	**1 day**	**0%**	**Wed 6/3/09**	**Wed 6/3/09**
1193	**EMS**	**Verify iTEST Set-up**	**1 day**	**0%**	**Wed 6/3/09**	**Wed 6/3/09**
1194	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1195	EMS	EMS => EWS Interface Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1196	EMS	EMS => EWS Adapter Ready for iTest	0 days	0%	Wed 6/3/09	Wed 6/3/09
1197	**EMS**	**EMS => EWS iTEST Execution Tasks**	**25 days**	**0%**	**Thu 6/4/09**	**Thu 7/9/09**
1198	EMS	Execute Alerts and Notifications Data export to EWS (EIP-PR3) in iTEST	15 days	0%	Thu 6/4/09	Wed 6/24/09
1199	EMS	Log EMS => EWS Interface Defects (if necessary)	15 days	0%	Thu 6/4/09	Wed 6/24/09
1200	EMS	Repair & Verify Defect Fixes	10 days	0%	Thu 6/25/09	Thu 7/9/09
1201	EMS	EMS => EWS iTEST Execution Completed	0 days	0%	Thu 7/9/09	Thu 7/9/09
1202	**EMS**	**EMS to EWS - Phase 2 (EMS-MIS-EWS Reports)**	**93 days**	**0%**	**Mon 5/11/09**	**Mon 9/21/09**
1203	**EMS**	**Develop EMS => EWS Test Plans, Cases & Scripts**	**11 days**	**0%**	**Mon 5/11/09**	**Tue 5/26/09**
1204	**EMS**	**Create EMS => EWS Test Plan**	**2 days**	**0%**	**Mon 5/11/09**	**Tue 5/12/09**
1205	EMS	Create & Update EMS => EWS Test Plan	1 day	0%	Mon 5/11/09	Mon 5/11/09
1206	EMS	Review & Approve EMS => EWS Test Plan	1 day	0%	Tue 5/12/09	Tue 5/12/09
1207	EMS	EMS => EWS Test Plan Completed	0 days	0%	Tue 5/12/09	Tue 5/12/09
1208	**EMS**	**Create EMS => EWS Test Cases**	**7 days**	**0%**	**Wed 5/13/09**	**Thu 5/21/09**
1209	EMS	Create EMS => EWS Test Cases	5 days	0%	Wed 5/13/09	Tue 5/19/09
1210	EMS	Review & Approve EMS => EWS Test Cases	2 days	0%	Wed 5/20/09	Thu 5/21/09
1211	EMS	EMS => EWS Test Cases Completed	0 days	0%	Thu 5/21/09	Thu 5/21/09
1212	**EMS**	**Create EMS => EWS Scripts**	**7 days**	**0%**	**Wed 5/13/09**	**Thu 5/21/09**
1213	EMS	Create EMS => EWS Test Scripts	5 days	0%	Wed 5/13/09	Tue 5/19/09
1214	EMS	Review & Approve EMS => EWS Test Scripts	2 days	0%	Wed 5/20/09	Thu 5/21/09
1215	EMS	EMS => EWS Test Scripts Completed	0 days	0%	Thu 5/21/09	Thu 5/21/09
1216	EMS	Create MCR/MMCR for EMS => EWS Test Plans, Cases & Scripts for FAT	1 day	0%	Fri 5/22/09	Fri 5/22/09
1217	EMS	Submit EMS => EWS MCR/MMCR for Test Plans, Cases & Scripts for FAT	0 days	0%	Fri 5/22/09	Fri 5/22/09
1218	EMS	Approve EMS => EWS MCR/MMCR for Test Plans, Cases & Scripts for FAT	1 day	0%	Tue 5/26/09	Tue 5/26/09
1219	**EMS**	**Execute EMS => EWS Interface Test**	**77 days**	**0%**	**Wed 6/3/09**	**Mon 9/21/09**
1220	**EMS**	**EMS => EWS iTEST Setup Tasks**	**62 days**	**0%**	**Wed 6/3/09**	**Fri 8/28/09**
1221	**EMS**	**Verify iTEST Set-up**	**62 days**	**0%**	**Wed 6/3/09**	**Fri 8/28/09**
1222	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1223	EMS	EMS => EWS Interface Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1225	EMS	Receive MIS Build 12 Complete	0 days	0%	Thu 8/27/09	Thu 8/27/09
1226	EMS	Verify that MIS Reports Implementation is complete in iTEST	1 day	0%	Fri 8/28/09	Fri 8/28/09
1227	EMS	EMS => EWS Adapter Ready for iTest	0 days	0%	Fri 8/28/09	Fri 8/28/09
1228	**EMS**	**EMS => EWS iTEST Execution Tasks**	**15 days**	**0%**	**Mon 8/31/09**	**Mon 9/21/09**
1229	EMS	Execute EMS-MIS-EWS reports data export to EWS in iTEST	5 days	0%	Mon 8/31/09	Fri 9/4/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

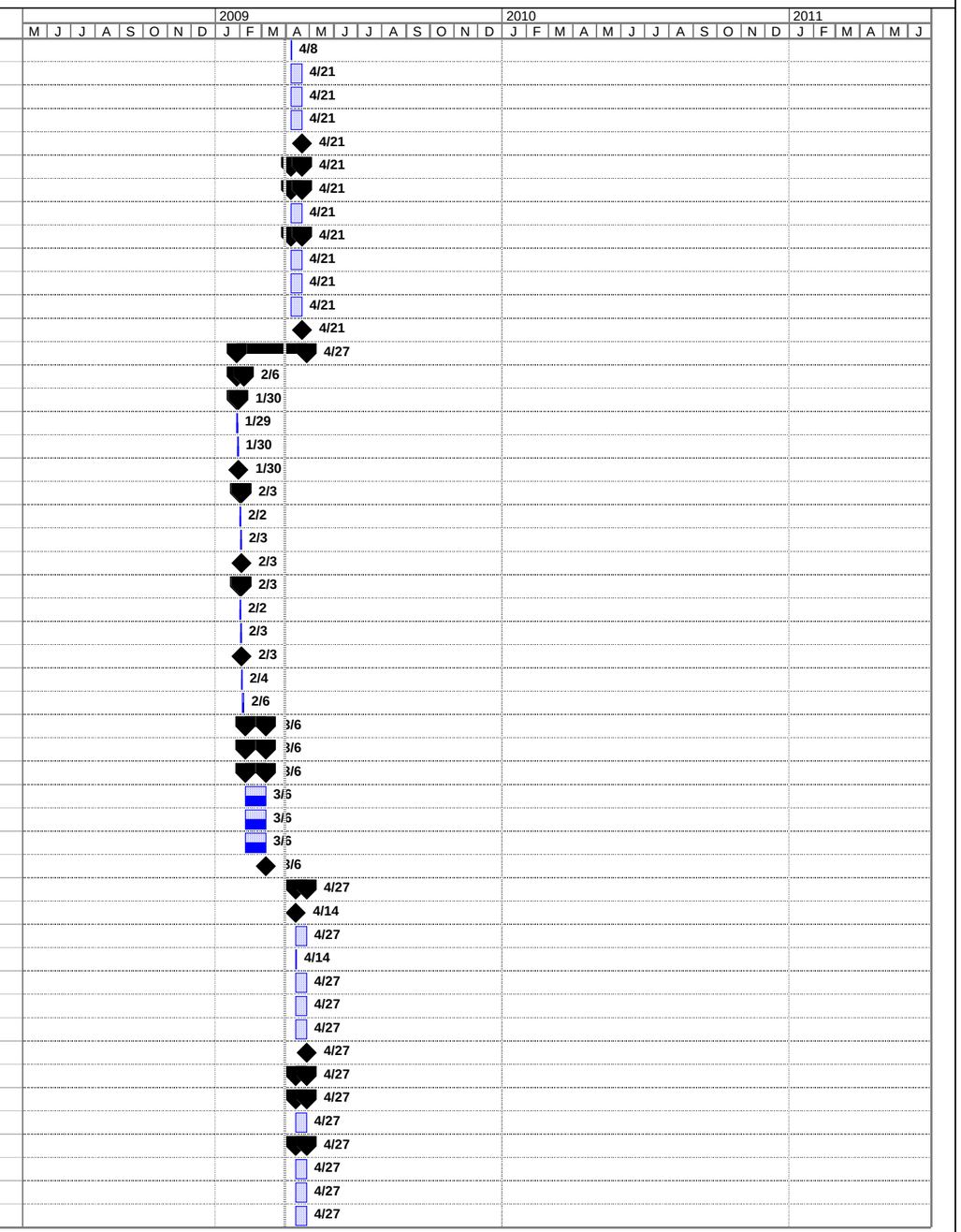
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1230	EMS	Log EMS => EWS Interface Defects (if necessary)	5 days	0%	Tue 9/8/09	Mon 9/14/09
1231	EMS	Repair & Verify Defect Fixes	5 days	0%	Tue 9/15/09	Mon 9/21/09
1232	EMS	EMS => EWS iTEST Execution Completed	0 days	0%	Mon 9/21/09	Mon 9/21/09
1233	**EMS**	**EMS TO PI**	**60 days**	**0%**	**Wed 6/3/09**	**Wed 8/26/09**
1234	**EMS**	**EMS**	**60 days**	**0%**	**Wed 6/3/09**	**Wed 8/26/09**
1235	**EMS**	**EMS to PI**	**15 days**	**0%**	**Thu 7/16/09**	**Wed 8/5/09**
1236	EMS	Develop EMS => PI Test Plans, Cases & Scripts	10 days	0%	Thu 7/16/09	Wed 7/29/09
1237	EMS	Review EMS => PI Test Plans, Cases & Scripts	2 days	0%	Thu 7/30/09	Fri 7/31/09
1238	EMS	Modify EMS => PI Test Plans, Cases & Scripts	2 days	0%	Mon 8/3/09	Tue 8/4/09
1239	EMS	Approve EMS => PI Test Plans, Cases & Scripts	1 day	0%	Wed 8/5/09	Wed 8/5/09
1240	**EMS**	**Execute EMS => PI Interface Test**	**60 days**	**0%**	**Wed 6/3/09**	**Wed 8/26/09**
1241	**EMS**	**EMS => PI iTEST Setup Tasks**	**45 days**	**0%**	**Wed 6/3/09**	**Wed 8/5/09**
1242	**EMS**	**Verify iTEST Set-up**	**1 day**	**0%**	**Wed 6/3/09**	**Wed 6/3/09**
1243	EMS	EMS Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1244	EMS	EMS => PI Interface Code Installed & Smoke Tested	1 day	0%	Wed 6/3/09	Wed 6/3/09
1245	EMS	EMS => PI Adapter Ready for iTest	0 days	0%	Wed 8/5/09	Wed 8/5/09
1246	**EMS**	**EMS => PI iTEST Execution Tasks**	**15 days**	**0%**	**Thu 8/6/09**	**Wed 8/26/09**
1247	EMS	Execute EMS PI Tags data export to PI in iTEST	5 days	0%	Thu 8/6/09	Wed 8/12/09
1248	EMS	Log EMS => PI Interface Defects (if necessary)	5 days	0%	Thu 8/13/09	Wed 8/19/09
1249	EMS	Repair & Verify Defect Fixes	5 days	0%	Thu 8/20/09	Wed 8/26/09
1250	EMS	EMS => PI iTEST Execution Completed	0 days	0%	Wed 8/26/09	Wed 8/26/09
1251	**NMMS**	**NMMS - Network Model Management System**	**91.5 days**	**46%**	**Thu 1/29/09**	**Mon 6/8/09**
1253	NMMS	Deliver NMMS 6 to iTEST	0 days	0%	Tue 4/7/09	Tue 4/7/09
1255	NMMS	85% Production Quality	0 days	0%	Mon 4/6/09	Mon 4/6/09
1257	NMMS	98% Production Quality	0 days	0%	Mon 6/8/09	Mon 6/8/09
1258	**NMMS**	**NMMS 6 =>MIS**	**59 days**	**46%**	**Thu 1/29/09**	**Tue 4/21/09**
1259	**NMMS**	**Develop NMMS 6 =>MIS Test Plans, Cases & Scripts**	**7 days**	**100%**	**Thu 1/29/09**	**Fri 2/6/09**
1260	**NMMS**	**Create NMMS 6 =>MIS Test Plan**	**2 days**	**100%**	**Thu 1/29/09**	**Fri 1/30/09**
1261	NMMS	Create & Update Test Plan	1 day	100%	Thu 1/29/09	Thu 1/29/09
1262	NMMS	Review & Approve Test Plan	1 day	100%	Fri 1/30/09	Fri 1/30/09
1263	NMMS	Test Plan Completed	0 days	100%	Fri 1/30/09	Fri 1/30/09
1264	**NMMS**	**Create NMMS 6 =>MIS Test Cases**	**2 days**	**100%**	**Mon 2/2/09**	**Tue 2/3/09**
1265	NMMS	Create NMMS 6 =>MIS Test Cases	1 day	100%	Mon 2/2/09	Mon 2/2/09
1266	NMMS	Review & Approve Test Cases	1 day	100%	Tue 2/3/09	Tue 2/3/09
1267	NMMS	Test Cases Completed	0 days	100%	Tue 2/3/09	Tue 2/3/09
1268	**NMMS**	**Create NMMS 6 =>MIS Scripts**	**2 days**	**100%**	**Mon 2/2/09**	**Tue 2/3/09**
1269	NMMS	Create NMMS 6 =>MIS Test Scripts	1 day	100%	Mon 2/2/09	Mon 2/2/09
1270	NMMS	Review & Approve Test Scripts	1 day	100%	Tue 2/3/09	Tue 2/3/09
1271	NMMS	Test Scripts Completed	0 days	100%	Tue 2/3/09	Tue 2/3/09
1272	NMMS	Create MCR/MMCR for NMMS 6 =>MIS Test Plans, Cases & Scripts	1 day	100%	Wed 2/4/09	Wed 2/4/09
1273	NMMS	Submit NMMS 6 =>MIS MCR/MMCR for Test Plans, Cases & Scripts	2 days	100%	Thu 2/5/09	Fri 2/6/09
1274	**NMMS**	**Migrate NMMS 6 =>MIS to FAT Environment**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1275	**NMMS**	**Execute NMMS 6 =>MIS Interface Tests**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1276	**NMMS**	**Interface Test Execution Tasks**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1277	NMMS	Execute test scripts	20 days	100%	Mon 2/9/09	Fri 3/6/09
1278	NMMS	Log NMMS =>MIS Defects	20 days	100%	Mon 2/9/09	Fri 3/6/09
1279	NMMS	Repair & Verify Defect Fixes	20 days	100%	Mon 2/9/09	Fri 3/6/09
1280	NMMS	NMMS 6 =>MIS Interface Test Execution Completed	0 days	100%	Fri 3/6/09	Fri 3/6/09
1281	**NMMS**	**Migrate NMMS 6 =>MIS to iTest Environment**	**10 days**	**0%**	**Tue 4/7/09**	**Tue 4/21/09**
1282	NMMS	Receive NMMS 6 in the iTest Environment	0 days	0%	Tue 4/7/09	Tue 4/7/09
1283	NMMS	Perform Migration to iTest (Core Project)	10 days	0%	Wed 4/8/09	Tue 4/21/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1284	NMMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Wed 4/8/09	Wed 4/8/09
1285	NMMS	Review NMMS 6 =>MIS Test Plans, Cases & Scripts	10 days	0%	Wed 4/8/09	Tue 4/21/09
1286	NMMS	Modify NMMS 6 =>MIS Test Plans, Cases & Scripts (if necessary)	10 days	0%	Wed 4/8/09	Tue 4/21/09
1287	NMMS	Approve NMMS 6 =>MIS Test Plans, Cases & Scripts	10 days	0%	Wed 4/8/09	Tue 4/21/09
1288	NMMS	NMMS 6 =>MIS Adapter Ready for iTest	0 days	0%	Tue 4/21/09	Tue 4/21/09
1289	**NMMS**	**Execute NMMS 6 =>MIS Adapter Test**	**10 days**	**0%**	**Wed 4/8/09**	**Tue 4/21/09**
1290	**NMMS**	**Setup Tasks**	**10 days**	**0%**	**Wed 4/8/09**	**Tue 4/21/09**
1291	NMMS	Identify database, UI, etc for Adapter Tests	10 days	0%	Wed 4/8/09	Tue 4/21/09
1292	**NMMS**	**Adapter Test Execution Tasks**	**10 days**	**0%**	**Wed 4/8/09**	**Tue 4/21/09**
1293	NMMS	Execute Adapter Tests	10 days	0%	Wed 4/8/09	Tue 4/21/09
1294	NMMS	Log NMMS 6 =>MIS Adapter Defects (if necessary)	10 days	0%	Wed 4/8/09	Tue 4/21/09
1295	NMMS	Repair & Verify Defect Fixes	10 days	0%	Wed 4/8/09	Tue 4/21/09
1296	NMMS	NMMS 6 =>MIS iTest Test Execution Completed	0 days	0%	Tue 4/21/09	Tue 4/21/09
1297	**NMMS**	**REG=>NMMS**	**63 days**	**46%**	**Thu 1/29/09**	**Mon 4/27/09**
1298	**NMMS**	**Develop REG=>NMMS Test Plans, Cases & Scripts**	**7 days**	**100%**	**Thu 1/29/09**	**Fri 2/6/09**
1299	**NMMS**	**Create REG=>NMMS Test Plan**	**2 days**	**100%**	**Thu 1/29/09**	**Fri 1/30/09**
1300	NMMS	Create & Update Test Plan	1 day	100%	Thu 1/29/09	Thu 1/29/09
1301	NMMS	Review & Approve Test Plan	1 day	100%	Fri 1/30/09	Fri 1/30/09
1302	NMMS	Test Plan Completed	0 days	100%	Fri 1/30/09	Fri 1/30/09
1303	**NMMS**	**Create REG=>NMMS Test Cases**	**2 days**	**100%**	**Mon 2/2/09**	**Tue 2/3/09**
1304	NMMS	Create REG=>NMMS Test Cases	1 day	100%	Mon 2/2/09	Mon 2/2/09
1305	NMMS	Review & Approve Test Cases	1 day	100%	Tue 2/3/09	Tue 2/3/09
1306	NMMS	Test Cases Completed	0 days	100%	Tue 2/3/09	Tue 2/3/09
1307	**NMMS**	**Create REG=>NMMS Scripts**	**2 days**	**100%**	**Mon 2/2/09**	**Tue 2/3/09**
1308	NMMS	Create REG=>NMMS Test Scripts	1 day	100%	Mon 2/2/09	Mon 2/2/09
1309	NMMS	Review & Approve Test Scripts	1 day	100%	Tue 2/3/09	Tue 2/3/09
1310	NMMS	Test Scripts Completed	0 days	100%	Tue 2/3/09	Tue 2/3/09
1311	NMMS	Create MCR/MMCR for REG=>NMMS Test Plans, Cases & Scripts	1 day	100%	Wed 2/4/09	Wed 2/4/09
1312	NMMS	Submit REG=>NMMS MCR/MMCR for Test Plans, Cases & Scripts	2 days	100%	Thu 2/5/09	Fri 2/6/09
1313	**NMMS**	**Migrate REG=>NMMS to FAT Environment**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1314	**NMMS**	**Execute REG=>NMMS Interface Tests**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1315	**NMMS**	**Interface Test Execution Tasks**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1316	NMMS	Execute test scripts	20 days	100%	Mon 2/9/09	Fri 3/6/09
1317	NMMS	Log NMMS =>MIS Defects	20 days	100%	Mon 2/9/09	Fri 3/6/09
1318	NMMS	Repair & Verify Defect Fixes	20 days	100%	Mon 2/9/09	Fri 3/6/09
1319	NMMS	REG=>NMMS Interface Test Execution Completed	0 days	100%	Fri 3/6/09	Fri 3/6/09
1320	**NMMS**	**Migrate REG=>NMMS to iTest Environment**	**10 days**	**0%**	**Tue 4/14/09**	**Mon 4/27/09**
1321	NMMS	Receive NMMS 6 in the iTest Environment	0 days	0%	Tue 4/14/09	Tue 4/14/09
1322	NMMS	Perform Migration to iTest (Core Project)	10 days	0%	Tue 4/14/09	Mon 4/27/09
1323	NMMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Tue 4/14/09	Tue 4/14/09
1324	NMMS	Review REG=>NMMS Test Plans, Cases & Scripts	10 days	0%	Tue 4/14/09	Mon 4/27/09
1325	NMMS	Modify REG=>NMMS Test Plans, Cases & Scripts (if necessary)	10 days	0%	Tue 4/14/09	Mon 4/27/09
1326	NMMS	Approve REG=>NMMS Test Plans, Cases & Scripts	10 days	0%	Tue 4/14/09	Mon 4/27/09
1327	NMMS	REG=>NMMS Adapter Ready for iTest	0 days	0%	Mon 4/27/09	Mon 4/27/09
1328	**NMMS**	**Execute REG=>NMMS Adapter Test**	**10 days**	**0%**	**Tue 4/14/09**	**Mon 4/27/09**
1329	**NMMS**	**Setup Tasks**	**10 days**	**0%**	**Tue 4/14/09**	**Mon 4/27/09**
1330	NMMS	Identify database, UI, etc for Adapter Tests	10 days	0%	Tue 4/14/09	Mon 4/27/09
1331	**NMMS**	**Adapter Test Execution Tasks**	**10 days**	**0%**	**Tue 4/14/09**	**Mon 4/27/09**
1332	NMMS	Execute Adapter Tests	10 days	0%	Tue 4/14/09	Mon 4/27/09
1333	NMMS	Log NMMS 6 =>MIS Adapter Defects (if necessary)	10 days	0%	Tue 4/14/09	Mon 4/27/09
1334	NMMS	Repair & Verify Defect Fixes	10 days	0%	Tue 4/14/09	Mon 4/27/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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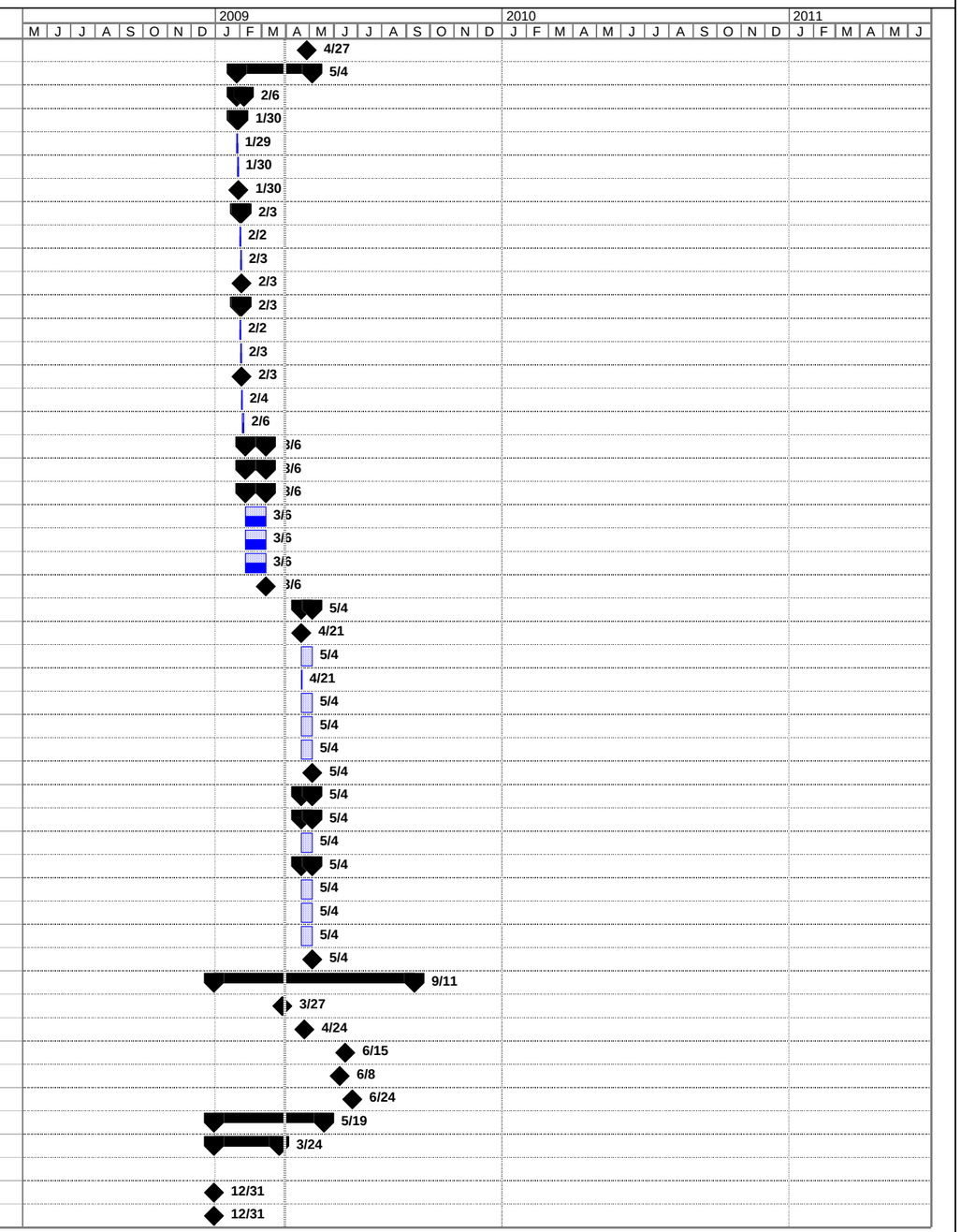
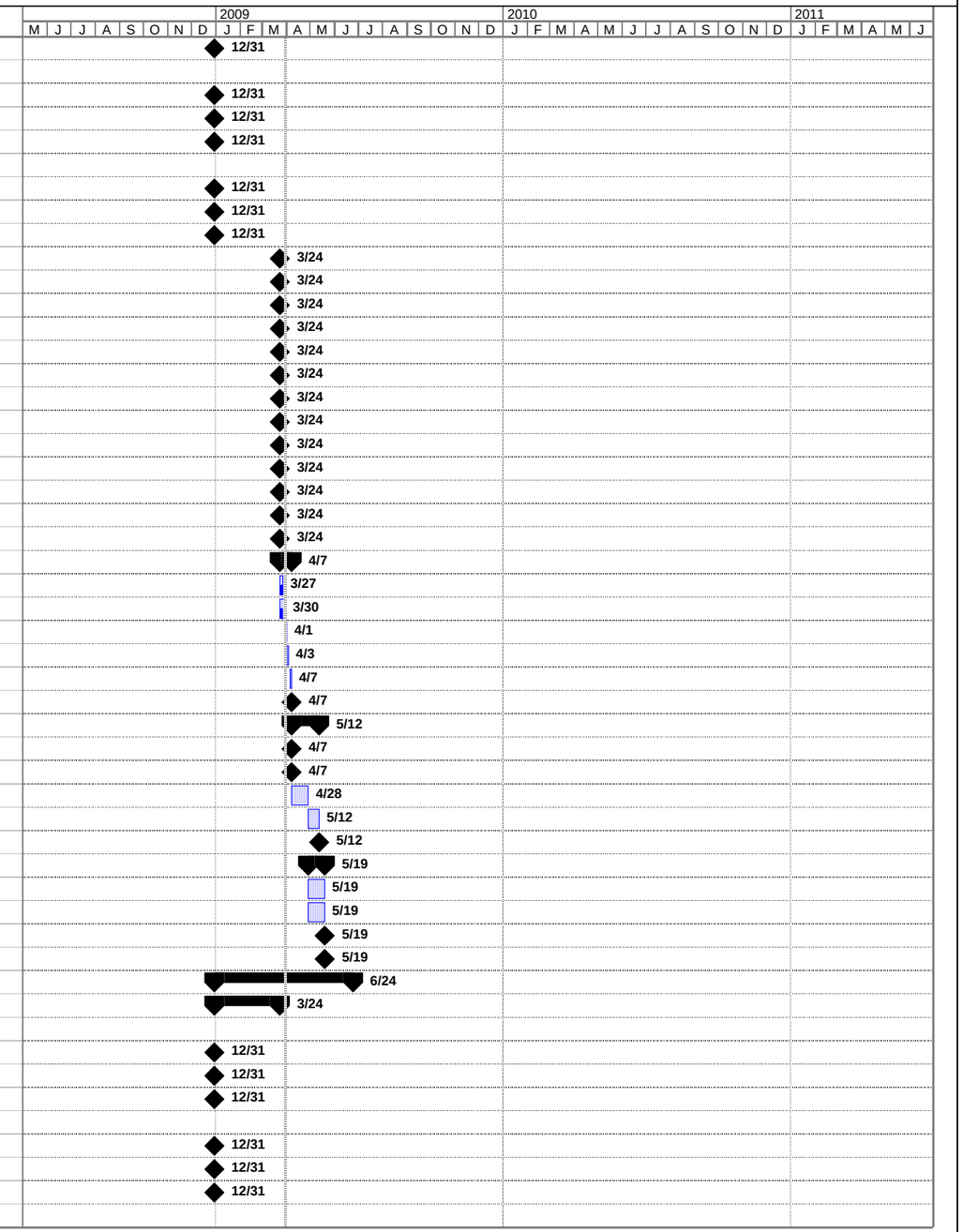
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1335	NMMS	NMMS 6 =>MIS iTest Test Execution Completed	0 days	0%	Mon 4/27/09	Mon 4/27/09
1336	**NMMS**	**OS=>NMMS**	**68 days**	**46%**	**Thu 1/29/09**	**Mon 5/4/09**
1337	**NMMS**	**Develop OS=>NMMS Test Plans, Cases & Scripts**	**7 days**	**100%**	**Thu 1/29/09**	**Fri 2/6/09**
1338	**NMMS**	**Create OS=>NMMS Test Plan**	**2 days**	**100%**	**Thu 1/29/09**	**Fri 1/30/09**
1339	NMMS	Create & Update Test Plan	1 day	100%	Thu 1/29/09	Thu 1/29/09
1340	NMMS	Review & Approve Test Plan	1 day	100%	Fri 1/30/09	Fri 1/30/09
1341	NMMS	Test Plan Completed	0 days	100%	Fri 1/30/09	Fri 1/30/09
1342	**NMMS**	**Create OS=>NMMS Test Cases**	**2 days**	**100%**	**Mon 2/2/09**	**Tue 2/3/09**
1343	NMMS	Create OS=>NMMS Test Cases	1 day	100%	Mon 2/2/09	Mon 2/2/09
1344	NMMS	Review & Approve Test Cases	1 day	100%	Tue 2/3/09	Tue 2/3/09
1345	NMMS	Test Cases Completed	0 days	100%	Tue 2/3/09	Tue 2/3/09
1346	**NMMS**	**Create OS=>NMMS Scripts**	**2 days**	**100%**	**Mon 2/2/09**	**Tue 2/3/09**
1347	NMMS	Create OS=>NMMS Test Scripts	1 day	100%	Mon 2/2/09	Mon 2/2/09
1348	NMMS	Review & Approve Test Scripts	1 day	100%	Tue 2/3/09	Tue 2/3/09
1349	NMMS	Test Scripts Completed	0 days	100%	Tue 2/3/09	Tue 2/3/09
1350	NMMS	Create MCR/MMCR for OS=>NMMS Test Plans, Cases & Scripts	1 day	100%	Wed 2/4/09	Wed 2/4/09
1351	NMMS	Submit OS=>NMMS MCR/MMCR for Test Plans, Cases & Scripts	2 days	100%	Thu 2/5/09	Fri 2/6/09
1352	**NMMS**	**Migrate OS=>NMMS to FAT Environment**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1353	**NMMS**	**Execute OS=>NMMS Interface Tests**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1354	**NMMS**	**Interface Test Execution Tasks**	**20 days**	**100%**	**Mon 2/9/09**	**Fri 3/6/09**
1355	NMMS	Execute test scripts	20 days	100%	Mon 2/9/09	Fri 3/6/09
1356	NMMS	Log NMMS =>MIS Defects	20 days	100%	Mon 2/9/09	Fri 3/6/09
1357	NMMS	Repair & Verify Defect Fixes	20 days	100%	Mon 2/9/09	Fri 3/6/09
1358	NMMS	OS=>NMMS Interface Test Execution Completed	0 days	100%	Fri 3/6/09	Fri 3/6/09
1359	**NMMS**	**Migrate OS=>NMMS to iTest Environment**	**10 days**	**0%**	**Tue 4/21/09**	**Mon 5/4/09**
1360	NMMS	Receive NMMS 6 in the iTest Environment	0 days	0%	Tue 4/21/09	Tue 4/21/09
1361	NMMS	Perform Migration to iTest (Core Project)	10 days	0%	Tue 4/21/09	Mon 5/4/09
1362	NMMS	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Tue 4/21/09	Tue 4/21/09
1363	NMMS	Review OS=>NMMS Test Plans, Cases & Scripts	10 days	0%	Tue 4/21/09	Mon 5/4/09
1364	NMMS	Modify OS=>NMMS Test Plans, Cases & Scripts (if necessary)	10 days	0%	Tue 4/21/09	Mon 5/4/09
1365	NMMS	Approve OS=>NMMS Test Plans, Cases & Scripts	10 days	0%	Tue 4/21/09	Mon 5/4/09
1366	NMMS	OS=>NMMS Adapter Ready for iTest	0 days	0%	Mon 5/4/09	Mon 5/4/09
1367	**NMMS**	**Execute OS=>NMMS Adapter Test**	**10 days**	**0%**	**Tue 4/21/09**	**Mon 5/4/09**
1368	**NMMS**	**Setup Tasks**	**10 days**	**0%**	**Tue 4/21/09**	**Mon 5/4/09**
1369	NMMS	Identify database, UI, etc for Adapter Tests	10 days	0%	Tue 4/21/09	Mon 5/4/09
1370	**NMMS**	**Adapter Test Execution Tasks**	**10 days**	**0%**	**Tue 4/21/09**	**Mon 5/4/09**
1371	NMMS	Execute Adapter Tests	10 days	0%	Tue 4/21/09	Mon 5/4/09
1372	NMMS	Log NMMS 6 =>MIS Adapter Defects (if necessary)	10 days	0%	Tue 4/21/09	Mon 5/4/09
1373	NMMS	Repair & Verify Defect Fixes	10 days	0%	Tue 4/21/09	Mon 5/4/09
1374	NMMS	NMMS 6 =>MIS iTest Test Execution Completed	0 days	0%	Mon 5/4/09	Mon 5/4/09
1375	**CMM**	**CMM - Credit Monitoring & Management**	**177 days**	**4%**	**Wed 12/31/08**	**Fri 9/11/09**
1377	CMM	Perform Migration to iTEST (Core - Bilateral Trade)	0 days	0%	Fri 3/27/09	Fri 3/27/09
1379	CMM	Perform Migration to ITEST (Core - ACL)	0 days	0%	Fri 4/24/09	Fri 4/24/09
1381	CMM	Receive CMM 4.1 FAT Test Execution Complete from COMS	0 days	0%	Mon 6/15/09	Mon 6/15/09
1383	CMM	CMM 4.2.2 ACL Screens and Adjustments FAT Complete	0 days	0%	Mon 6/8/09	Mon 6/8/09
1385	CMM	Receive CMM 4.2 FAT Test Execution Complete from COMS	0 days	0%	Wed 6/24/09	Wed 6/24/09
1386	**CMM**	**REG to CMM**	**97 days**	**10%**	**Wed 12/31/08**	**Tue 5/19/09**
1387	**CMM**	**Develop REG=>CMM Test Plans, Cases & Scripts**	**56 days**	**0%**	**Wed 12/31/08**	**Tue 3/24/09**
1388	**CMM**	**Create REG =>CMM Test Plan**	**0 days**	**100%**	**Wed 12/31/08**	**Wed 12/31/08**
1389	CMM	Create & Update Test Plan	0 days	100%	Wed 12/31/08	Wed 12/31/08
1390	CMM	Review & Approve Test Plan	0 days	100%	Wed 12/31/08	Wed 12/31/08



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1391	CMM	Test Plan Completed	0 days	100%	Wed 12/31/08	Wed 12/31/08
1392	**CMM**	**Create REG =>CMM Test Cases**	**0 days**	**100%**	**Wed 12/31/08**	**Wed 12/31/08**
1393	CMM	Create REG =>CMM Test Cases	0 days	100%	Wed 12/31/08	Wed 12/31/08
1394	CMM	Review & Approve Test Cases	0 days	100%	Wed 12/31/08	Wed 12/31/08
1395	CMM	Test Cases Completed	0 days	100%	Wed 12/31/08	Wed 12/31/08
1396	**CMM**	**Create REG =>CMM Scripts**	**0 days**	**100%**	**Wed 12/31/08**	**Wed 12/31/08**
1397	CMM	Create REG =>CMM Test Scripts	0 days	100%	Wed 12/31/08	Wed 12/31/08
1398	CMM	Review & Approve Test Scripts	0 days	100%	Wed 12/31/08	Wed 12/31/08
1399	CMM	Test Scripts Completed	0 days	100%	Wed 12/31/08	Wed 12/31/08
1400	CMM	Create MMCR for REG =>CMM Migration to iTEST	0 days	0%	Tue 3/24/09	Tue 3/24/09
1401	CMM	Submit REG =>CMM MMCR Migration to iTEST	0 days	0%	Tue 3/24/09	Tue 3/24/09
1402	**CMM**	**Migrate ___ =>___ to FAT (NA)**	**0 days**	**0%**	**Tue 3/24/09**	**Tue 3/24/09**
1403	**CMM**	**Execute ___ =>___ Interface Tests**	**0 days**	**0%**	**Tue 3/24/09**	**Tue 3/24/09**
1404	**CMM**	**FAT Credit Info**	**0 days**	**0%**	**Tue 3/24/09**	**Tue 3/24/09**
1405	CMM	Receive file from ___ (Full and Incremental (if applicable))	0 days	0%	Tue 3/24/09	Tue 3/24/09
1406	CMM	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	0 days	0%	Tue 3/24/09	Tue 3/24/09
1407	CMM	Analyze data processing of full and incremental (if necessary) data files for correctness	0 days	0%	Tue 3/24/09	Tue 3/24/09
1408	CMM	Load file from ___ into MMS	0 days	0%	Tue 3/24/09	Tue 3/24/09
1409	CMM	Verify ___ FAT data load and update successful	0 days	0%	Tue 3/24/09	Tue 3/24/09
1410	CMM	Log ___ FAT defect (if necessary)	0 days	0%	Tue 3/24/09	Tue 3/24/09
1411	CMM	___ (Credit Info) Interface Test Completed	0 days	0%	Tue 3/24/09	Tue 3/24/09
1412	CMM	CMM=>___ FAT Test Execution Completed	0 days	0%	Tue 3/24/09	Tue 3/24/09
1413	**CMM**	**Migrate REG =>CMM to iTest**	**11 days**	**48%**	**Tue 3/24/09**	**Tue 4/7/09**
1414	CMM	Perform Migration to ITEST (Core Project)	4 days	100%	Tue 3/24/09	Fri 3/27/09
1415	CMM	Perform Migration to iTest (adapters, reports, CSI extractor Loaders)	5 days	65%	Tue 3/24/09	Mon 3/30/09
1416	CMM	Review REG =>CMM Test Plans, Cases & Scripts	2 days	0%	Tue 3/31/09	Wed 4/1/09
1417	CMM	Modify REG =>CMM Test Plans, Cases & Scripts (if necessary)	2 days	0%	Thu 4/2/09	Fri 4/3/09
1418	CMM	Approve REG =>CMM Test Plans, Cases & Scripts	2 days	0%	Mon 4/6/09	Tue 4/7/09
1419	CMM	REG > CMM Interface Ready for iTest	0 days	0%	Tue 4/7/09	Tue 4/7/09
1420	**CMM**	**Execute REG >CMM Integration Test**	**25 days**	**0%**	**Tue 4/7/09**	**Tue 5/12/09**
1421	CMM	Execute Resource Detail Updates to Staging	0 days	0%	Tue 4/7/09	Tue 4/7/09
1422	CMM	Execute MP Detail Updates to Staging	0 days	0%	Tue 4/7/09	Tue 4/7/09
1423	CMM	Execute REG to CMM Integration	15 days	0%	Wed 4/8/09	Tue 4/28/09
1424	CMM	Validate Data Input into CMM	10 days	0%	Wed 4/29/09	Tue 5/12/09
1425	CMM	REG > CMM iTest Test Execution Completed	0 days	0%	Tue 5/12/09	Tue 5/12/09
1426	**CMM**	**APPLICATION DEFECT RESOLUTION**	**15 days**	**0%**	**Wed 4/29/09**	**Tue 5/19/09**
1427	CMM	Analyze & Develop Defect Solutions	15 days	0%	Wed 4/29/09	Tue 5/19/09
1428	CMM	Migrate defect resolutions	15 days	0%	Wed 4/29/09	Tue 5/19/09
1429	CMM	Defect Migrations Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
1430	CMM	REG>CMM Ready for E2E Testing	0 days	0%	Tue 5/19/09	Tue 5/19/09
1431	**CMM**	**CRR to CMM**	**122 days**	**15%**	**Wed 12/31/08**	**Wed 6/24/09**
1432	**CMM**	**Develop CRR >CMM Test Plans, Cases & Scripts**	**56 days**	**0%**	**Wed 12/31/08**	**Tue 3/24/09**
1433	**CMM**	**Create CRR >CMM Test Plan**	**0 days**	**100%**	**Wed 12/31/08**	**Wed 12/31/08**
1434	CMM	Create & Update Test Plan	0 days	100%	Wed 12/31/08	Wed 12/31/08
1435	CMM	Review & Approve Test Plan	0 days	100%	Wed 12/31/08	Wed 12/31/08
1436	CMM	Test Plan Completed	0 days	100%	Wed 12/31/08	Wed 12/31/08
1437	**CMM**	**Create CRR >CMM Test Cases**	**0 days**	**100%**	**Wed 12/31/08**	**Wed 12/31/08**
1438	CMM	Create CRR =>CMM Test Cases	0 days	100%	Wed 12/31/08	Wed 12/31/08
1439	CMM	Review & Approve Test Cases	0 days	100%	Wed 12/31/08	Wed 12/31/08
1440	CMM	Test Cases Completed	0 days	100%	Wed 12/31/08	Wed 12/31/08
1441	**CMM**	**Create CRR =>CMM Scripts**	**0 days**	**100%**	**Wed 12/31/08**	**Wed 12/31/08**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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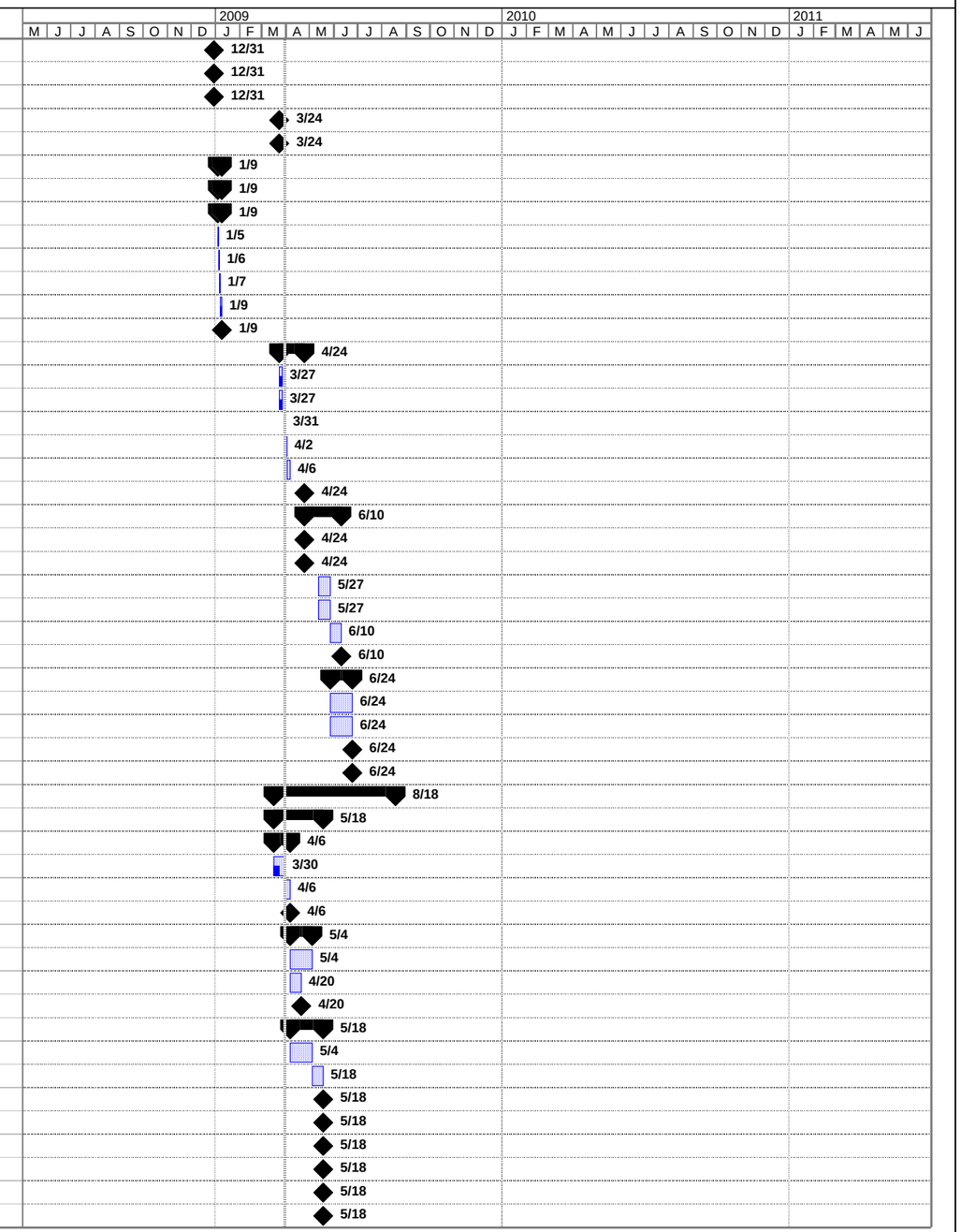
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1442	CMM	Create CRR =>CMM Test Scripts	0 days	100%	Wed 12/31/08	Wed 12/31/08
1443	CMM	Review & Approve Test Scripts	0 days	100%	Wed 12/31/08	Wed 12/31/08
1444	CMM	Test Scripts Completed	0 days	100%	Wed 12/31/08	Wed 12/31/08
1445	CMM	Create MMCR for CRR =>CMM Migration to iTEST	0 days	0%	Tue 3/24/09	Tue 3/24/09
1446	CMM	Submit CRR =>CMM MMCR Migration to iTEST	0 days	0%	Tue 3/24/09	Tue 3/24/09
1447	**CMM**	**Migrate CRR =>CMM to FAT (Stub Data Test)**	**5 days**	**100%**	**Mon 1/5/09**	**Fri 1/9/09**
1448	**CMM**	**Execute CRR => CMM Interface Tests**	**5 days**	**100%**	**Mon 1/5/09**	**Fri 1/9/09**
1449	**CMM**	**CRR > CMM iFAT Testing**	**5 days**	**100%**	**Mon 1/5/09**	**Fri 1/9/09**
1450	CMM	Provide Data Requirements to CRR Team	1 day	100%	Mon 1/5/09	Mon 1/5/09
1451	CMM	Provide the Requested Data Push through the Interface to CMM Team	1 day	100%	Tue 1/6/09	Tue 1/6/09
1452	CMM	Load data from CRR into CMM Staging	1 day	100%	Wed 1/7/09	Wed 1/7/09
1453	CMM	Validate data meets the REQ, Specs, etc.	2 days	100%	Thu 1/8/09	Fri 1/9/09
1454	CMM	CRR > CMM iFAT Test Execution Completed	0 days	100%	Fri 1/9/09	Fri 1/9/09
1455	**CMM**	**Migrate CRR =>CMM to iTest**	**24 days**	**57%**	**Tue 3/24/09**	**Fri 4/24/09**
1456	CMM	Perform Migration to ITEST (CRR Inventory)	4 days	100%	Tue 3/24/09	Fri 3/27/09
1457	CMM	Perform Migration to iTest (adapters, reports, CSI extractor Loaders)	4 days	100%	Tue 3/24/09	Fri 3/27/09
1458	CMM	Review CRR =>CMM Test Plans, Cases & Scripts	2 days	0%	Mon 3/30/09	Tue 3/31/09
1459	CMM	Modify CRR =>CMM Test Plans, Cases & Scripts (if necessary)	2 days	0%	Wed 4/1/09	Thu 4/2/09
1460	CMM	Approve CRR =>CMM Test Plans, Cases & Scripts	2 days	0%	Fri 4/3/09	Mon 4/6/09
1461	CMM	CRR > CMM Interface Ready for iTest	0 days	0%	Fri 4/24/09	Fri 4/24/09
1462	**CMM**	**Execute CRR >CMM Integration Test**	**32 days**	**0%**	**Fri 4/24/09**	**Wed 6/10/09**
1463	CMM	Execute CRR Calendar (manual upload)	0 days	0%	Fri 4/24/09	Fri 4/24/09
1464	CMM	Execute CRR inventory	0 days	0%	Fri 4/24/09	Fri 4/24/09
1465	CMM	Execute CRR ACL Allocation	10 days	0%	Wed 5/13/09	Wed 5/27/09
1466	CMM	Execute CRR Bilateral Trade for Approval	10 days	0%	Wed 5/13/09	Wed 5/27/09
1467	CMM	Validate Data Input into CMM	10 days	0%	Thu 5/28/09	Wed 6/10/09
1468	CMM	CRR > CMM iTest Test Execution Completed	0 days	0%	Wed 6/10/09	Wed 6/10/09
1469	**CMM**	**APPLICATION DEFECT RESOLUTION**	**20 days**	**0%**	**Thu 5/28/09**	**Wed 6/24/09**
1470	CMM	Analyze & Develop Defect Solutions	20 days	0%	Thu 5/28/09	Wed 6/24/09
1471	CMM	Migrate defect resolutions	20 days	0%	Thu 5/28/09	Wed 6/24/09
1472	CMM	Defect Migrations Completed	0 days	0%	Wed 6/24/09	Wed 6/24/09
1473	CMM	CRR>CMM Ready for E2E Testing	0 days	0%	Wed 6/24/09	Wed 6/24/09
1474	**CMM**	**CSI to CMM**	**109 days**	**2%**	**Tue 3/17/09**	**Tue 8/18/09**
1475	**CMM**	**Develop CSI >CMM Test Plans, Cases & Scripts**	**45 days**	**7%**	**Tue 3/17/09**	**Mon 5/18/09**
1476	**CMM**	**Create CSI >CMM Test Plan**	**15 days**	**33%**	**Tue 3/17/09**	**Mon 4/6/09**
1477	CMM	Create & Update Test Plan	10 days	50%	Tue 3/17/09	Mon 3/30/09
1478	CMM	Review & Approve Test Plan	5 days	0%	Tue 3/31/09	Mon 4/6/09
1479	CMM	Test Plan Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
1480	**CMM**	**Create CSI >CMM Test Cases**	**20 days**	**0%**	**Tue 4/7/09**	**Mon 5/4/09**
1481	CMM	Create CSI >CMM Test Cases	20 days	0%	Tue 4/7/09	Mon 5/4/09
1482	CMM	Review & Approve Test Cases	10 days	0%	Tue 4/7/09	Mon 4/20/09
1483	CMM	Test Cases Completed	0 days	0%	Mon 4/20/09	Mon 4/20/09
1484	**CMM**	**Create CSI =>CMM Scripts**	**30 days**	**0%**	**Tue 4/7/09**	**Mon 5/18/09**
1485	CMM	Create CSI>CMM Test Scripts	20 days	0%	Tue 4/7/09	Mon 5/4/09
1486	CMM	Review & Approve Test Scripts	10 days	0%	Tue 5/5/09	Mon 5/18/09
1487	CMM	Test Scripts Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1488	CMM	Create MMCR for CSI =>CMM Migration to iTEST	0 days	0%	Mon 5/18/09	Mon 5/18/09
1489	CMM	Submit CSI =>CMM MMCR Migration to iTEST	0 days	0%	Mon 5/18/09	Mon 5/18/09
1490	**CMM**	**Migrate ___ =>___ to FAT (NA)**	**0 days**	**0%**	**Mon 5/18/09**	**Mon 5/18/09**
1491	**CMM**	**Execute ___ =>___ Interface Tests**	**0 days**	**0%**	**Mon 5/18/09**	**Mon 5/18/09**
1492	**CMM**	**FAT Credit Info**	**0 days**	**0%**	**Mon 5/18/09**	**Mon 5/18/09**

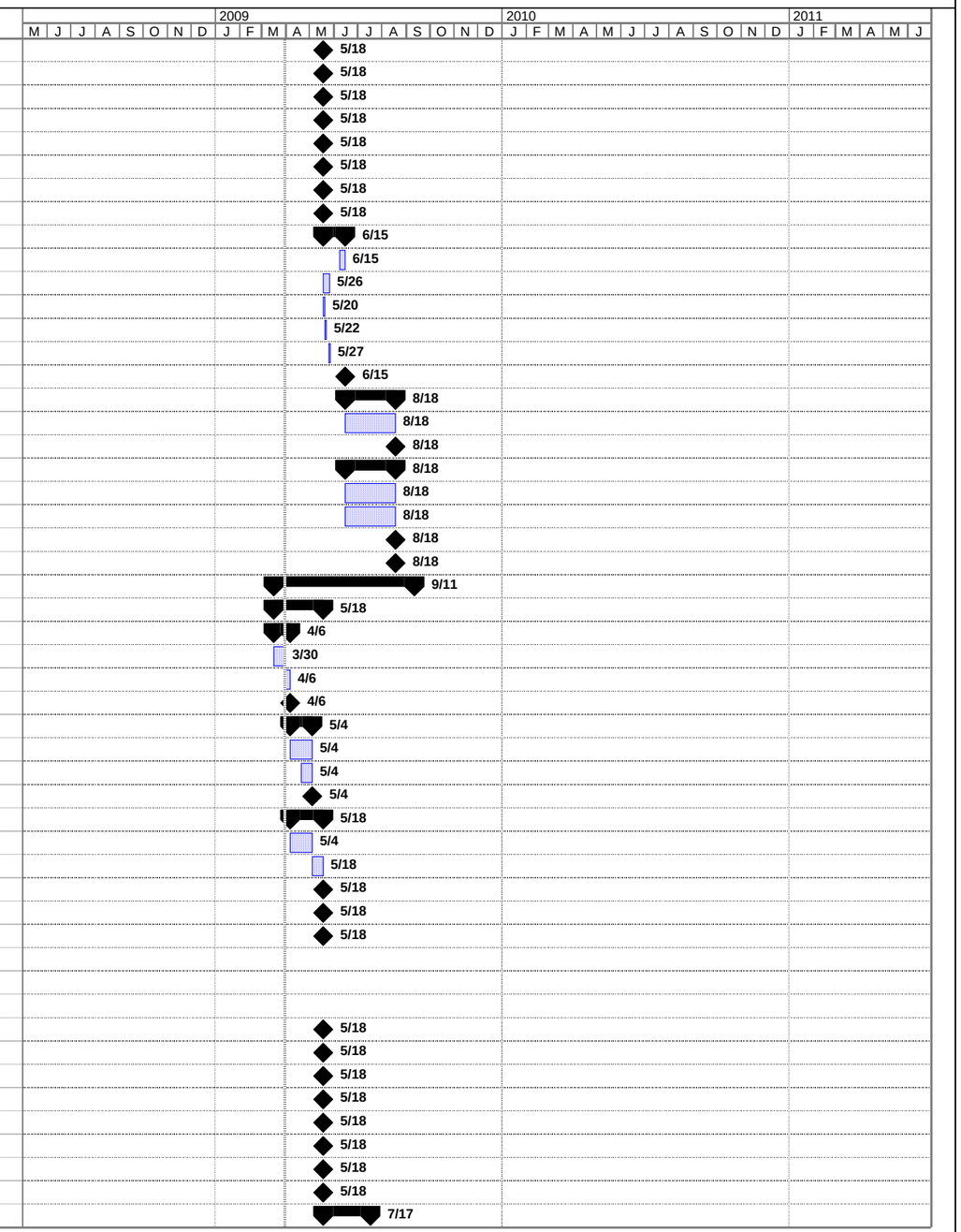


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1493	CMM	Receive file from ___ (Full and Incremental (if applicable))	0 days	0%	Mon 5/18/09	Mon 5/18/09
1494	CMM	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	0 days	0%	Mon 5/18/09	Mon 5/18/09
1495	CMM	Analyze data processing of full and incremental (if necessary) data files for correctness	0 days	0%	Mon 5/18/09	Mon 5/18/09
1496	CMM	Load file from ___ into MMS	0 days	0%	Mon 5/18/09	Mon 5/18/09
1497	CMM	Verify ___ FAT data load and update successful	0 days	0%	Mon 5/18/09	Mon 5/18/09
1498	CMM	Log ___ FAT defect (if necessary)	0 days	0%	Mon 5/18/09	Mon 5/18/09
1499	CMM	___ (Credit Info) Interface Test Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1500	CMM	CMM=>___ FAT Test Execution Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1501	**CMM**	**Migrate CSI >CMM to iTest**	**19 days**	**0%**	**Tue 5/19/09**	**Mon 6/15/09**
1502	CMM	Migrate CSI 7.0 to ITEST	5 days	0%	Tue 6/9/09	Mon 6/15/09
1503	CMM	Perform migration to iTEST (CORE CMM Application)	5 days	0%	Tue 5/19/09	Tue 5/26/09
1504	CMM	Review CSI =>CMM Test Plans, Cases & Scripts	2 days	0%	Tue 5/19/09	Wed 5/20/09
1505	CMM	Modify CSI =>CMM Test Plans, Cases & Scripts (if necessary)	2 days	0%	Thu 5/21/09	Fri 5/22/09
1506	CMM	Approve CSI =>CMM Test Plans, Cases & Scripts	2 days	0%	Tue 5/26/09	Wed 5/27/09
1507	CMM	CSI > CMM Interface Ready for iTest	0 days	0%	Mon 6/15/09	Mon 6/15/09
1508	**CMM**	**Execute CSI >CMM Integration Test**	**45 days**	**0%**	**Tue 6/16/09**	**Tue 8/18/09**
1509	CMM	Excute CSI > CMM Integration Test	45 days	0%	Tue 6/16/09	Tue 8/18/09
1510	CMM	CSI > CMM iTest Test Execution Completed	0 days	0%	Tue 8/18/09	Tue 8/18/09
1511	**CMM**	**APPLICATION DEFECT RESOLUTION**	**45 days**	**0%**	**Tue 6/16/09**	**Tue 8/18/09**
1512	CMM	Analyze & Develop Defect Solutions	45 days	0%	Tue 6/16/09	Tue 8/18/09
1513	CMM	Migrate defect resolutions	45 days	0%	Tue 6/16/09	Tue 8/18/09
1514	CMM	Defect Migrations Completed	0 days	0%	Tue 8/18/09	Tue 8/18/09
1515	CMM	CSI>CMM Ready for E2E Testing	0 days	0%	Tue 8/18/09	Tue 8/18/09
1516	**CMM**	**MMS to CMM**	**126 days**	**0%**	**Tue 3/17/09**	**Fri 9/11/09**
1517	**CMM**	**Develop MMS >CMM Test Plans, Cases & Scripts**	**45 days**	**0%**	**Tue 3/17/09**	**Mon 5/18/09**
1518	**CMM**	**Create MMS >CMM Test Plan**	**15 days**	**0%**	**Tue 3/17/09**	**Mon 4/6/09**
1519	CMM	Create & Update Test Plan	10 days	0%	Tue 3/17/09	Mon 3/30/09
1520	CMM	Review & Approve Test Plan	5 days	0%	Tue 3/31/09	Mon 4/6/09
1521	CMM	Test Plan Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
1522	**CMM**	**Create MMS >CMM Test Cases**	**20 days**	**0%**	**Tue 4/7/09**	**Mon 5/4/09**
1523	CMM	Create MMS >CMM Test Cases	20 days	0%	Tue 4/7/09	Mon 5/4/09
1524	CMM	Review & Approve Test Cases	10 days	0%	Tue 4/21/09	Mon 5/4/09
1525	CMM	Test Cases Completed	0 days	0%	Mon 5/4/09	Mon 5/4/09
1526	**CMM**	**Create MMS =>CMM Scripts**	**30 days**	**0%**	**Tue 4/7/09**	**Mon 5/18/09**
1527	CMM	Create CSI>CMM Test Scripts	20 days	0%	Tue 4/7/09	Mon 5/4/09
1528	CMM	Review & Approve Test Scripts	10 days	0%	Tue 5/5/09	Mon 5/18/09
1529	CMM	Test Scripts Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1530	CMM	Create MMCR for MMS =>CMM Migration to iTEST	0 days	0%	Mon 5/18/09	Mon 5/18/09
1531	CMM	Submit MMS =>CMM MMCR Migration to iTEST	0 days	0%	Mon 5/18/09	Mon 5/18/09
1532	**CMM**	**Migrate ___ =>___ to FAT (NA)**	**0 days**	**0%**	**Mon 5/18/09**	**Mon 5/18/09**
1533	**CMM**	**Execute ___ =>___ Interface Tests**	**0 days**	**0%**	**Mon 5/18/09**	**Mon 5/18/09**
1534	**CMM**	**FAT Credit Info**	**0 days**	**0%**	**Mon 5/18/09**	**Mon 5/18/09**
1535	CMM	Receive file from ___ (Full and Incremental (if applicable))	0 days	0%	Mon 5/18/09	Mon 5/18/09
1536	CMM	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	0 days	0%	Mon 5/18/09	Mon 5/18/09
1537	CMM	Analyze data processing of full and incremental (if necessary) data files for correctness	0 days	0%	Mon 5/18/09	Mon 5/18/09
1538	CMM	Load file from ___ into MMS	0 days	0%	Mon 5/18/09	Mon 5/18/09
1539	CMM	Verify ___ FAT data load and update successful	0 days	0%	Mon 5/18/09	Mon 5/18/09
1540	CMM	Log ___ FAT defect (if necessary)	0 days	0%	Mon 5/18/09	Mon 5/18/09
1541	CMM	___ (Credit Info) Interface Test Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1542	CMM	CMM=>___ FAT Test Execution Completed	0 days	0%	Mon 5/18/09	Mon 5/18/09
1543	**CMM**	**Migrate MMS >CMM to iTest**	**42 days**	**0%**	**Tue 5/19/09**	**Fri 7/17/09**

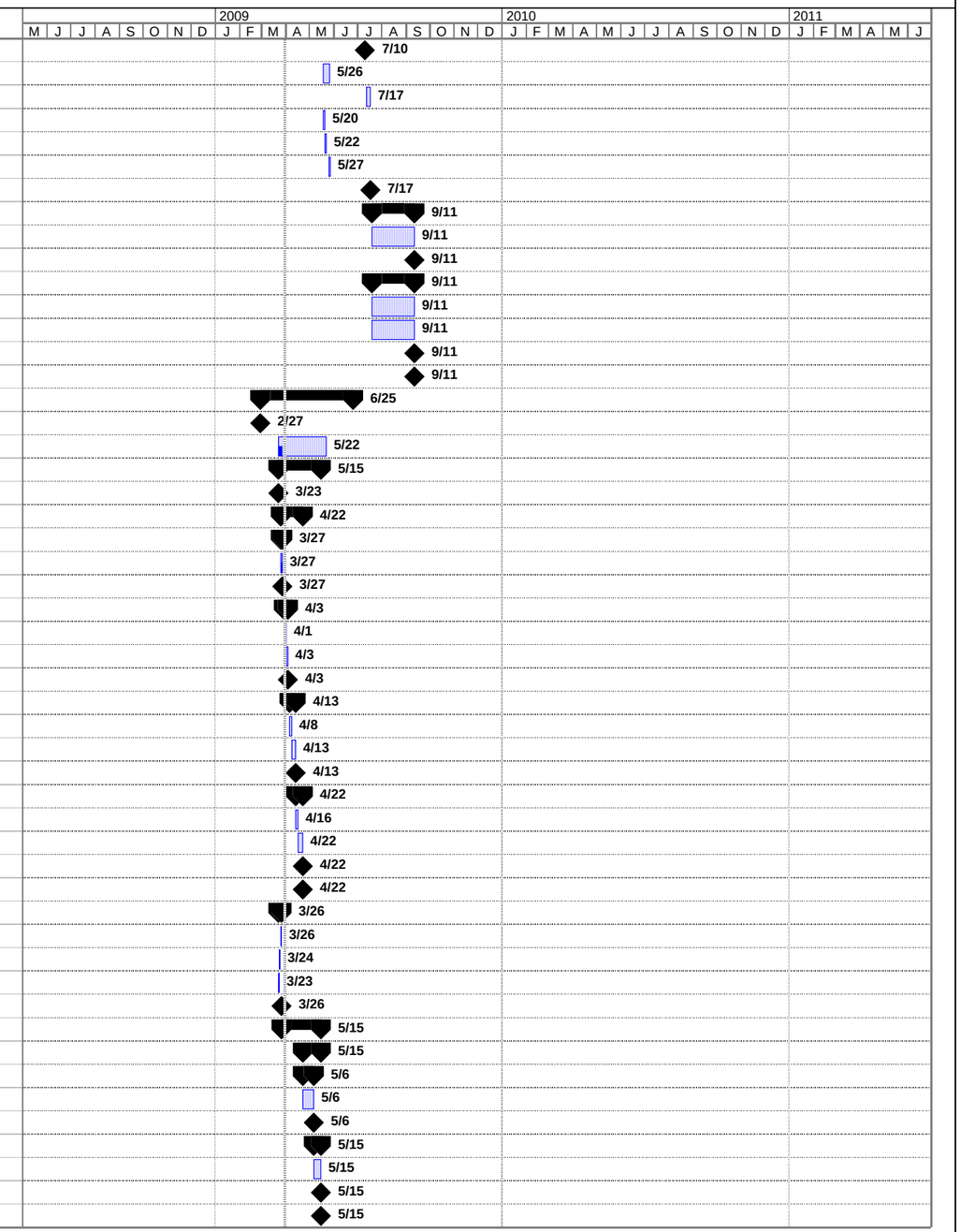


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

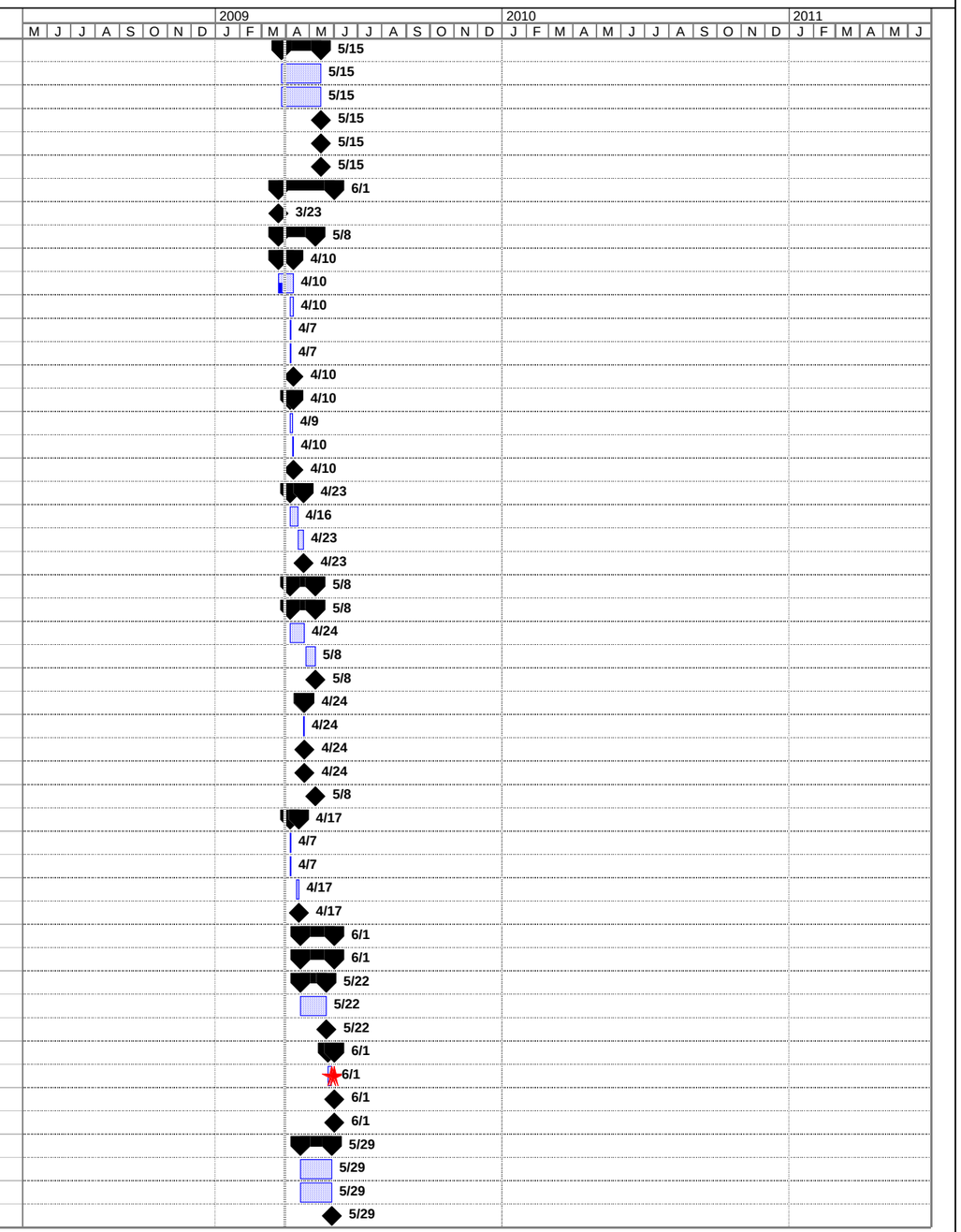
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1545	CMM	MMS5 Pre-FAT Complete	0 days	0%	Fri 7/10/09	Fri 7/10/09
1546	CMM	Migrate CSI 7.0 to ITEST	5 days	0%	Tue 5/19/09	Tue 5/26/09
1547	CMM	Perform migration to iTEST (CORE CMM Application)	5 days	0%	Mon 7/13/09	Fri 7/17/09
1548	CMM	Review MMS =>CMM Test Plans, Cases & Scripts	2 days	0%	Tue 5/19/09	Wed 5/20/09
1549	CMM	Modify MMS =>CMM Test Plans, Cases & Scripts (if necessary)	2 days	0%	Thu 5/21/09	Fri 5/22/09
1550	CMM	Approve MMS =>CMM Test Plans, Cases & Scripts	2 days	0%	Tue 5/26/09	Wed 5/27/09
1551	CMM	MMS > CMM Interface Ready for iTest	0 days	0%	Fri 7/17/09	Fri 7/17/09
1552	**CMM**	**Execute MMS >CMM Integration Test**	**39 days**	**0%**	**Mon 7/20/09**	**Fri 9/11/09**
1553	CMM	Excute MMS > CMM Integration Test	39 days	0%	Mon 7/20/09	Fri 9/11/09
1554	CMM	MMS > CMM iTest Test Execution Completed	0 days	0%	Fri 9/11/09	Fri 9/11/09
1555	**CMM**	**APPLICATION DEFECT RESOLUTION**	**39 days**	**0%**	**Mon 7/20/09**	**Fri 9/11/09**
1556	CMM	Analyze & Develop Defect Solutions	39 days	0%	Mon 7/20/09	Fri 9/11/09
1557	CMM	Migrate defect resolutions	39 days	0%	Mon 7/20/09	Fri 9/11/09
1558	CMM	Defect Migrations Completed	0 days	0%	Fri 9/11/09	Fri 9/11/09
1559	CMM	MMS>CMM Ready for E2E Testing	0 days	0%	Fri 9/11/09	Fri 9/11/09
1560	**REG**	**REG - Registration & Disputes**	**83 days**	**5%**	**Fri 2/27/09**	**Thu 6/25/09**
1562	REG	COMS REG 5/DISP 3: IMPLEMENTATION TO PRODUCTION Complete	0 days	100%	Fri 2/27/09	Fri 2/27/09
1563	REG	REG-Registration & Disputes Interface Testing: Project Management	45 days	10%	Mon 3/23/09	Fri 5/22/09
1564	**REG**	**CMM to REG (Creditworthy Status Update and Notification)**	**40 days**	**4%**	**Mon 3/23/09**	**Fri 5/15/09**
1565	REG	CMM-REG: Interface Test Schedule Begin	0 days	100%	Mon 3/23/09	Mon 3/23/09
1566	**REG**	**CMM-REG: DEVELOP CMM=>REG TEST PLANS, CASES & SCRIPTS**	**20 days**	**10%**	**Thu 3/26/09**	**Wed 4/22/09**
1567	**REG**	**CMM-REG: ITEST ENVIRONMENT READINESS PREPARATION**	**2 days**	**100%**	**Thu 3/26/09**	**Fri 3/27/09**
1568	REG	CMM-REG: Migrate Siebel Defect 8089 (email notification on update)	2 days	100%	Thu 3/26/09	Fri 3/27/09
1569	REG	CMM-REG: Interface Environment Readiness Complete	0 days	100%	Fri 3/27/09	Fri 3/27/09
1570	**REG**	**CMM-REG: CREATE CMM=>REG TEST PLAN DOCUMENT**	**5 days**	**0%**	**Mon 3/30/09**	**Fri 4/3/09**
1571	REG	CMM-REG: Create & Update Test Plan	3 days	0%	Mon 3/30/09	Wed 4/1/09
1572	REG	CMM-REG: Review & Approve Test Plan	2 days	0%	Thu 4/2/09	Fri 4/3/09
1573	REG	CMM-REG: Test Plan Completed	0 days	0%	Fri 4/3/09	Fri 4/3/09
1574	**REG**	**CMM-REG: CREATE CMM=>REG INTERFACE TEST CASES**	**6 days**	**0%**	**Mon 4/6/09**	**Mon 4/13/09**
1575	REG	CMM-REG: Create Interface Test Case (System A -> System B)	3 days	0%	Mon 4/6/09	Wed 4/8/09
1576	REG	CMM-REG: Review and Approve Interface Test Cases	3 days	0%	Thu 4/9/09	Mon 4/13/09
1577	REG	CMM-REG: Interface Test Case Complete	0 days	0%	Mon 4/13/09	Mon 4/13/09
1578	**REG**	**CMM-REG: CREATE CMM=>REG INTERFACE TEST SCRIPTS**	**7 days**	**0%**	**Tue 4/14/09**	**Wed 4/22/09**
1579	REG	CMM-REG: Create Interface Test Scripts	3 days	0%	Tue 4/14/09	Thu 4/16/09
1580	REG	CMM-REG: Review and Approve Interface Test Scripts	4 days	0%	Fri 4/17/09	Wed 4/22/09
1581	REG	CMM-REG: Interface Test Scripts Complete	0 days	0%	Wed 4/22/09	Wed 4/22/09
1582	REG	CMM-REG: Test Planning Phase Complete	0 days	0%	Wed 4/22/09	Wed 4/22/09
1583	**REG**	**CMM-REG: MIGRATE CMM=>REG TO ITEST ENVIRONMENT**	**4 days**	**100%**	**Mon 3/23/09**	**Thu 3/26/09**
1584	REG	CMM-REG: Perform Migration to ITEST (Siebel Core Application Project)	1 day	100%	Thu 3/26/09	Thu 3/26/09
1585	REG	CMM-REG: Perform Migration to iTest (adapter defects as needed)	1 day	100%	Tue 3/24/09	Tue 3/24/09
1586	REG	CMM-REG: Perform Migration to iTest (CMM Core)	1 day	100%	Mon 3/23/09	Mon 3/23/09
1587	REG	CMM-REG: Migration to iTest Complete	0 days	100%	Thu 3/26/09	Thu 3/26/09
1588	**REG**	**CMM-REG: EXECUTE CMM=> REG INTERFACE AND REGRESSION TESTS**	**36 days**	**0%**	**Fri 3/27/09**	**Fri 5/15/09**
1589	**REG**	**CMM-REG: EXECUTE TESTS**	**17 days**	**0%**	**Thu 4/23/09**	**Fri 5/15/09**
1590	**REG**	**CMM-REG: EXECUTE CMM=>REG INTERFACE TEST**	**10 days**	**0%**	**Thu 4/23/09**	**Wed 5/6/09**
1591	REG	CMM-REG: Execute Interface Tests	10 days	0%	Thu 4/23/09	Wed 5/6/09
1592	REG	CMM-REG: Interface Test Execution Completed	0 days	0%	Wed 5/6/09	Wed 5/6/09
1593	**REG**	**CMM-REG: EXECUTE CMM=>REG REGRESSION TEST**	**7 days**	**0%**	**Thu 5/7/09**	**Fri 5/15/09**
1594	REG	CMM-REG: Regression Test Main Module	7 days	0%	Thu 5/7/09	Fri 5/15/09
1595	REG	CMM-REG: Regression Test Execution Complete	0 days	0%	Fri 5/15/09	Fri 5/15/09
1596	REG	CMM-REG: Test Execution Completed	0 days	0%	Fri 5/15/09	Fri 5/15/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

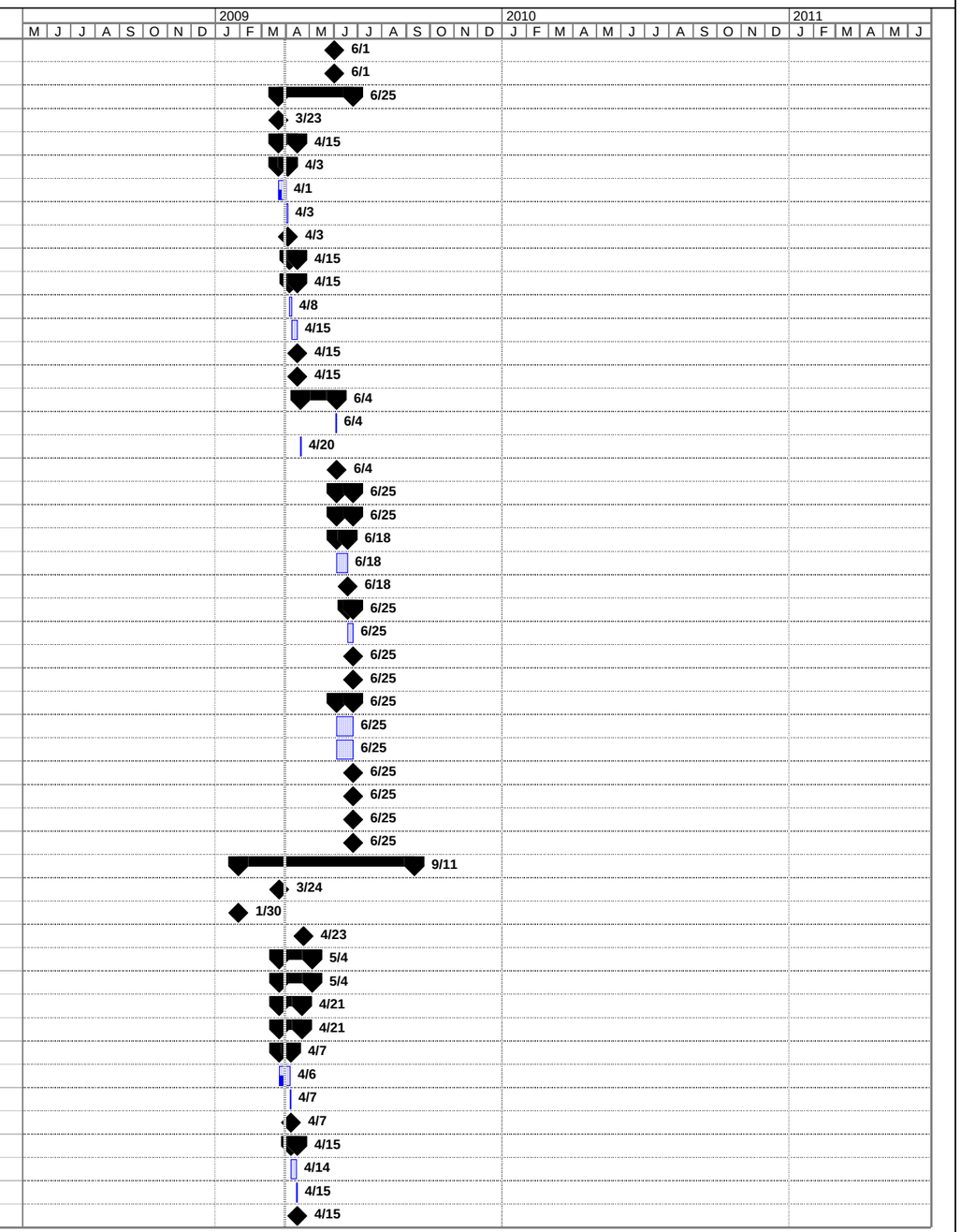
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1597	**REG**	**CMM-REG: CMM=>REG INTERFACE DEFECT RESOLUTION**	**36 days**	**0%**	**Fri 3/27/09**	**Fri 5/15/09**
1598	REG	CMM-REG: Analyze & Develop Defect Solutions	36 days	0%	Fri 3/27/09	Fri 5/15/09
1599	REG	CMM-REG: Migrate defect resolutions	36 days	0%	Fri 3/27/09	Fri 5/15/09
1600	REG	CMM-REG: Application Defect Migrations Completed	0 days	0%	Fri 5/15/09	Fri 5/15/09
1601	REG	CMM-REG: Test Execution Phase Complete	0 days	0%	Fri 5/15/09	Fri 5/15/09
1602	REG	CMM-REG: (Creditworthy Status Update) Interface Test Complete	0 days	0%	Fri 5/15/09	Fri 5/15/09
1603	**REG**	**EWS to REG (Dispute API)**	**50 days**	**3%**	**Mon 3/23/09**	**Mon 6/1/09**
1604	REG	EWS-REG-MIS: Interface Test Schedule begin	0 days	0%	Mon 3/23/09	Mon 3/23/09
1605	**REG**	**EWS-REG-MIS: DEVELOP EWS=>REG=>MIS TEST PLANS, CASES & SCRIPTS**	**35 days**	**7%**	**Mon 3/23/09**	**Fri 5/8/09**
1606	**REG**	**EWS-REG-MIS: EWS=>REG=>MIS ITEST ENVIRONMENT READINESS PREPARATION**	**15 days**	**21%**	**Mon 3/23/09**	**Fri 4/10/09**
1607	REG	EWS-REG-MIS eService server built-out in EDS 3	15 days	30%	Mon 3/23/09	Fri 4/10/09
1608	REG	EWS-REG-MIS Re-Create 4 MIS Links in EDS3 for Disputes for viewing submissions	4 days	0%	Tue 4/7/09	Fri 4/10/09
1609	REG	EWS-REG-MIS LDAP configurations for Roles	1 day	0%	Tue 4/7/09	Tue 4/7/09
1610	REG	EWS-REG-MIS Certificate coordination for CRR, QSE, and ERCOT MPs with LDAPs	1 day	0%	Tue 4/7/09	Tue 4/7/09
1611	REG	EWS-REG-MIS Interface Environment Readiness Preparation Complete	0 days	0%	Fri 4/10/09	Fri 4/10/09
1612	**REG**	**EWS-REG-MIS: CREATE EWS=>REG=>MIS TEST PLAN DOCUMENT**	**4 days**	**0%**	**Tue 4/7/09**	**Fri 4/10/09**
1613	REG	EWS-REG-MIS Create & Update Test Plan	3 days	0%	Tue 4/7/09	Thu 4/9/09
1614	REG	EWS-REG-MIS Review & Approve Test Plan	1 day	0%	Fri 4/10/09	Fri 4/10/09
1615	REG	EWS-REG-MIS Test Plan Completed	0 days	0%	Fri 4/10/09	Fri 4/10/09
1616	**REG**	**EWS-REG-MIS: CREATE EWS=>REG=>MIS INTERFACE TEST CASES**	**13 days**	**0%**	**Tue 4/7/09**	**Thu 4/23/09**
1617	REG	EWS-REG-MIS Create Interface Test Case (System A -> System B)	8 days	0%	Tue 4/7/09	Thu 4/16/09
1618	REG	EWS-REG-MIS Review and Approve	5 days	0%	Fri 4/17/09	Thu 4/23/09
1619	REG	EWS-REG-MISInterface Test Cases Complete	0 days	0%	Thu 4/23/09	Thu 4/23/09
1620	**REG**	**EWS-REG-MIS: CREATE EWS=>REG=>MIS INTERFACE TEST SCRIPTS**	**24 days**	**0%**	**Tue 4/7/09**	**Fri 5/8/09**
1621	**REG**	**EWS-REG-MIS: Interface Test Scripts**	**24 days**	**0%**	**Tue 4/7/09**	**Fri 5/8/09**
1622	REG	EWS-REG-MIS Create Interface Test Scripts (System A -> System B)	14 days	0%	Tue 4/7/09	Fri 4/24/09
1623	REG	EWS-REG-MIS Review and approve Test scripts	10 days	0%	Mon 4/27/09	Fri 5/8/09
1624	REG	EWS-REG-MIS Interface Test Scripts Complete	0 days	0%	Fri 5/8/09	Fri 5/8/09
1625	**REG**	**EWS-REG-MIS: Regression Test Scripts**	**1 day**	**0%**	**Fri 4/24/09**	**Fri 4/24/09**
1626	REG	EWS-REG-MIS Select Regression Test Scripts (MIS - EDS3)	1 day	0%	Fri 4/24/09	Fri 4/24/09
1627	REG	EWS-REG-MIS Regression Test Scripts Complete	0 days	0%	Fri 4/24/09	Fri 4/24/09
1628	REG	EWS-REG-MIS Interface, & Regression Test Scripts Completed	0 days	0%	Fri 4/24/09	Fri 4/24/09
1629	REG	EWS-REG-MIS: Test Planning Complete	0 days	0%	Fri 5/8/09	Fri 5/8/09
1630	**REG**	**EWS-REG-MIS: MIGRATE EWS=>REG=>MIS TO ITEST ENVIRONMENT**	**9 days**	**0%**	**Tue 4/7/09**	**Fri 4/17/09**
1631	REG	EWS-REG-MIS: Perform Migration to ITEST (Core REG Project)	1 day	0%	Tue 4/7/09	Tue 4/7/09
1632	REG	EWS-REG-MIS: Perform Migration to iTest (adapters)	1 day	0%	Tue 4/7/09	Tue 4/7/09
1634	REG	EWS-REG-MIS: Perform Migration to iTest (MIS Links)	3 days	0%	Wed 4/15/09	Fri 4/17/09
1635	REG	EWS-REG-MIS: Migration to iTest Complete	0 days	0%	Fri 4/17/09	Fri 4/17/09
1636	**REG**	**EWS-REG-MIS: EXECUTE EWS=> REG=>MIS INTERFACE AND REGRESSION TESTS**	**30 days**	**0%**	**Mon 4/20/09**	**Mon 6/1/09**
1637	**REG**	**EWS-REG-MIS: EXECUTE TESTS**	**30 days**	**0%**	**Mon 4/20/09**	**Mon 6/1/09**
1638	**REG**	**EWS-REG-MIS: EXECUTE EWS=>REG=>MIS INTERFACE TEST**	**25 days**	**0%**	**Mon 4/20/09**	**Fri 5/22/09**
1639	REG	EWS-REG-MIS: Execute Interface Tests (incl view on MIS)	25 days	0%	Mon 4/20/09	Fri 5/22/09
1640	REG	EWS-REG-MIS: Interface Tests Completed	0 days	0%	Fri 5/22/09	Fri 5/22/09
1641	**REG**	**EWS-REG-MIS: EWS=>REG=>MIS REGRESSION TEST**	**5 days**	**0%**	**Mon 5/25/09**	**Mon 6/1/09**
1642	REG	EWS-REG-MIS: Regression Test Submissions / Finds on MIS / REG (MIS - EDS3)	5 days	0%	Mon 5/25/09	Mon 6/1/09
1643	REG	EWS-REG-MIS: Regression Test Complete	0 days	0%	Mon 6/1/09	Mon 6/1/09
1644	REG	EWS-REG-MIS: Test Execution Complete	0 days	0%	Mon 6/1/09	Mon 6/1/09
1645	**REG**	**EWS-REG-MIS: EWS=>REG=>MIS INTERFACE DEFECT RESOLUTION**	**29 days**	**0%**	**Mon 4/20/09**	**Fri 5/29/09**
1646	REG	EWS-REG-MIS: Analyze & Develop Defect Solutions	30 days	0%	Mon 4/20/09	Fri 5/29/09
1647	REG	EWS-REG-MIS: Migrate defect resolutions	30 days	0%	Mon 4/20/09	Fri 5/29/09
1648	REG	EWS-REG-MIS: Defect Migrations Completed	0 days	0%	Fri 5/29/09	Fri 5/29/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1649	REG	EWS-REG-MIS: Test Execution Phase Complete	0 days	0%	Mon 6/1/09	Mon 6/1/09
1650	REG	EWS to REG (Dispute API) Interface Test Complete	0 days	0%	Mon 6/1/09	Mon 6/1/09
1651	**REG**	**REG to MIS (Dispute Extracts x2)**	**68 days**	**6%**	**Mon 3/23/09**	**Thu 6/25/09**
1652	REG	REG to MIS: Interface Test Schedule Begin	0 days	100%	Mon 3/23/09	Mon 3/23/09
1653	**REG**	**REG-MIS: DEVELOP REG=>MIS TEST PLANS, CASES & SCRIPTS**	**18 days**	**20%**	**Mon 3/23/09**	**Wed 4/15/09**
1654	**REG**	**REG-MIS: CREATE REG=>MIS TEST PLAN DOCUMENT**	**10 days**	**36%**	**Mon 3/23/09**	**Fri 4/3/09**
1655	REG	REG-MIS: Create & Update Test Plan	8 days	45%	Mon 3/23/09	Wed 4/1/09
1656	REG	REG-MIS: Business Review & Approve Test Plan	2 days	0%	Thu 4/2/09	Fri 4/3/09
1657	REG	REG-MIS: Test Plan Completed	0 days	0%	Fri 4/3/09	Fri 4/3/09
1658	**REG**	**REG-MIS: CREATE REG=>MIS TEST SCRIPTS**	**8 days**	**0%**	**Mon 4/6/09**	**Wed 4/15/09**
1659	**REG**	**REG-MIS: CREATE INTERFACE TEST SCRIPTS - (ERCOT Summary Dispute Report - Secure)**	**8 days**	**0%**	**Mon 4/6/09**	**Wed 4/15/09**
1660	REG	REG-MIS: Create Interface Test Scripts	3 days	0%	Mon 4/6/09	Wed 4/8/09
1661	REG	REG-MIS: Business Review & Approve Interface Test Scripts	5 days	0%	Thu 4/9/09	Wed 4/15/09
1662	REG	REG-MIS: Interface Test Scripts Complete	0 days	0%	Wed 4/15/09	Wed 4/15/09
1663	REG	REG-MIS: Test Planning Phase Complete	0 days	0%	Wed 4/15/09	Wed 4/15/09
1664	**REG**	**REG-MIS: MIGRATE REG=>MIS TO ITEST ENVIRONMENT**	**33 days**	**0%**	**Mon 4/20/09**	**Thu 6/4/09**
1666	REG	REG-MIS: Perform Migration to ITEST (EDW Changes)	1 day	0%	Thu 6/4/09	Thu 6/4/09
1667	REG	REG-MIS: Perform Migration to iTest (MIS Links / Folders for Posting)	1 day	0%	Mon 4/20/09	Mon 4/20/09
1668	REG	REG-MIS: Migration to iTest Complete	0 days	0%	Thu 6/4/09	Thu 6/4/09
1669	**REG**	**REG-MIS: EXECUTE REG=>MIS INTERFACE AND REGRESSION TESTS**	**15 days**	**0%**	**Fri 6/5/09**	**Thu 6/25/09**
1670	**REG**	**REG-MIS: EXECUTE TESTS**	**15 days**	**0%**	**Fri 6/5/09**	**Thu 6/25/09**
1671	**REG**	**REG-MIS: EXECUTE REG=>MIS INTERFACE TEST - (ERCOT Summary Dispute Report - Secure)**	**10 days**	**0%**	**Fri 6/5/09**	**Thu 6/18/09**
1672	REG	REG-MIS: Execute Interface Tests	10 days	0%	Fri 6/5/09	Thu 6/18/09
1673	REG	REG-MIS: Interface Tests Completed	0 days	0%	Thu 6/18/09	Thu 6/18/09
1674	**REG**	**REG-MIS: EXECUTE REG=>MIS REGRESSION TEST - (ERCOT MP Dispute Extract - Certified)**	**5 days**	**0%**	**Fri 6/19/09**	**Thu 6/25/09**
1675	REG	REG-MIS: Regression Test MIS links for Service Requests and Disputes	5 days	0%	Fri 6/19/09	Thu 6/25/09
1676	REG	REG-MIS: Regression Test Complete	0 days	0%	Thu 6/25/09	Thu 6/25/09
1677	REG	REG-MIS: REG to MIS: Test Execution Completed	0 days	0%	Thu 6/25/09	Thu 6/25/09
1678	**REG**	**REG-MIS: REG=>MIS INTERFACE DEFECT RESOLUTION**	**15 days**	**0%**	**Fri 6/5/09**	**Thu 6/25/09**
1679	REG	REG-MIS: Analyze & Develop Defect Solutions	15 days	0%	Fri 6/5/09	Thu 6/25/09
1680	REG	REG-MIS: Migrate defect resolutions	15 days	0%	Fri 6/5/09	Thu 6/25/09
1681	REG	REG-MIS: Defect Migrations Completed	0 days	0%	Thu 6/25/09	Thu 6/25/09
1682	REG	REG-MIS: Test Execution Phase Complete	0 days	0%	Thu 6/25/09	Thu 6/25/09
1683	REG	REG to MIS (Dispute Extracts x2) Interface Test Complete	0 days	0%	Thu 6/25/09	Thu 6/25/09
1684	REG	REG-Registration & Disputes Interface Testing Complete	0 days	0%	Thu 6/25/09	Thu 6/25/09
1685	**S&B**	**S&B - DATA AGG**	**157 days**	**2%**	**Fri 1/30/09**	**Fri 9/11/09**
1686	S&B	Nodal Integration Re-Plan	0 days	100%	Tue 3/24/09	Tue 3/24/09
1688	S&B	Receive CSI 5.5 - Migration from COMS	0 days	100%	Fri 1/30/09	Fri 1/30/09
1690	S&B	Receive CSI 7.0 - Migration from COMS	0 days	0%	Thu 4/23/09	Thu 4/23/09
1691	**S&B**	**PLANNING - INTEGRATION TESTING**	**30 days**	**21%**	**Tue 3/24/09**	**Mon 5/4/09**
1692	**S&B**	**CSI Interfaces**	**30 days**	**19%**	**Tue 3/24/09**	**Mon 5/4/09**
1693	**S&B**	**MMS to S&B**	**21 days**	**19%**	**Tue 3/24/09**	**Tue 4/21/09**
1694	**S&B**	**Develop MMS to S&B Test Plan, Test Cases, Scripts**	**21 days**	**19%**	**Tue 3/24/09**	**Tue 4/21/09**
1695	**S&B**	**Create MMS to S&B Test Plan**	**11 days**	**36%**	**Tue 3/24/09**	**Tue 4/7/09**
1696	S&B	MMS TO S&B: Create & Update Test Plan	10 days	40%	Tue 3/24/09	Mon 4/6/09
1697	S&B	MMS TO S&B: Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1698	S&B	MMS TO S&B: Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1699	**S&B**	**Create MMS to S&B Test Cases**	**6 days**	**0%**	**Wed 4/8/09**	**Wed 4/15/09**
1700	S&B	MMS TO S&B: Create Test Cases	5 days	0%	Wed 4/8/09	Tue 4/14/09
1701	S&B	MMS TO S&B: Review & Approve Test Cases	1 day	0%	Wed 4/15/09	Wed 4/15/09
1702	S&B	MMS TO S&B: Test Cases Completed	0 days	0%	Wed 4/15/09	Wed 4/15/09

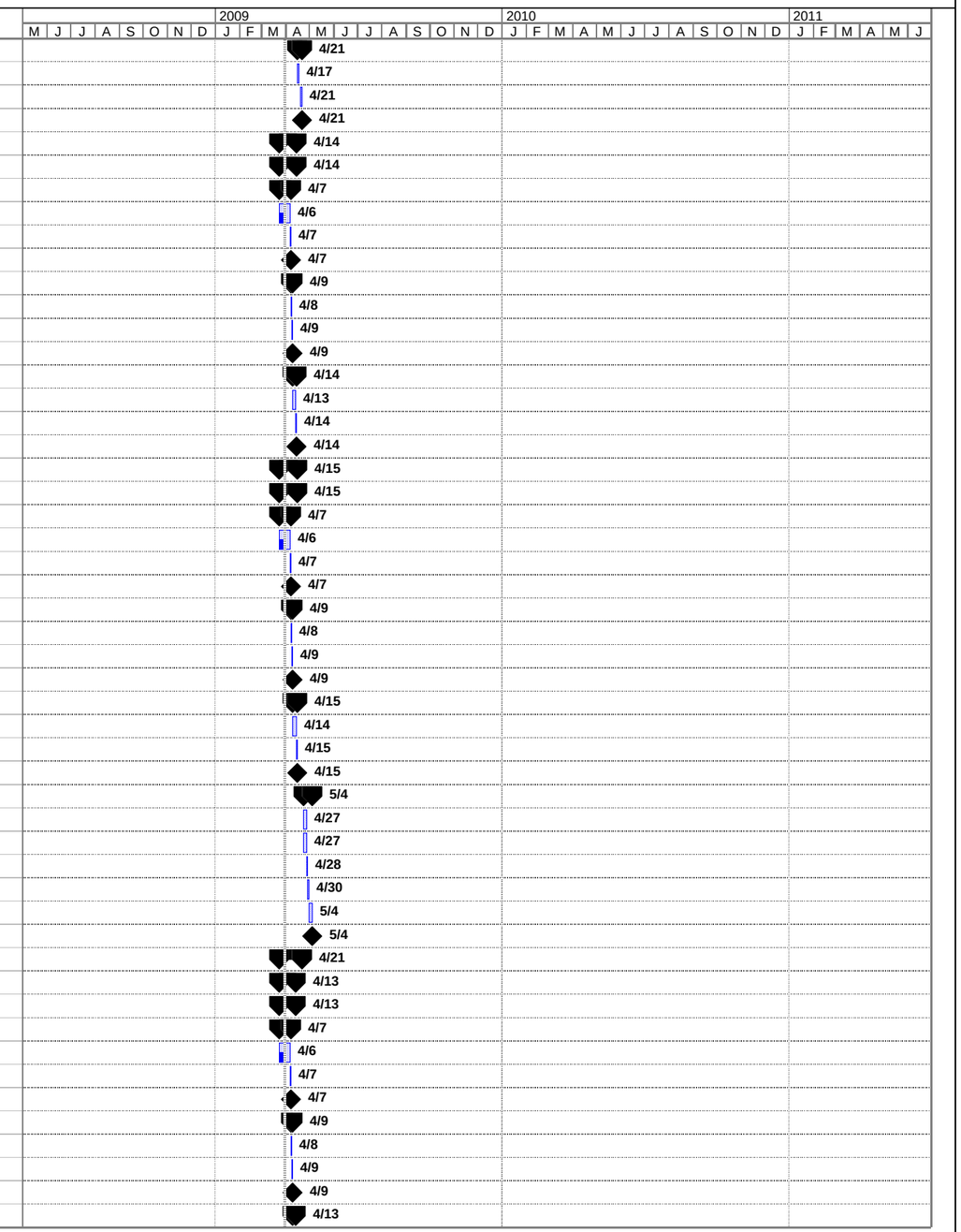


Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1703	**S&B**	**Create MMS to S&B Scripts**	**4 days**	**0%**	**Thu 4/16/09**	**Tue 4/21/09**
1704	S&B	MMS TO S&B: Create Test Scripts	2 days	0%	Thu 4/16/09	Fri 4/17/09
1705	S&B	MMS TO S&B: Review & Approve Test Scripts	2 days	0%	Mon 4/20/09	Tue 4/21/09
1706	S&B	MMS TO S&B: Test Scripts Completed	0 days	0%	Tue 4/21/09	Tue 4/21/09
1707	**S&B**	**EMS to S&B**	**16 days**	**25%**	**Tue 3/24/09**	**Tue 4/14/09**
1708	**S&B**	**Develop EMS to S&B Test Plan, Test Cases, Scripts**	**16 days**	**25%**	**Tue 3/24/09**	**Tue 4/14/09**
1709	**S&B**	**Create EMS to S&B Test Plan**	**11 days**	**36%**	**Tue 3/24/09**	**Tue 4/7/09**
1710	S&B	EMS TO S&B: Create & Update Test Plan	10 days	40%	Tue 3/24/09	Mon 4/6/09
1711	S&B	EMS TO S&B:Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1712	S&B	EMS TO S&B:Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1713	**S&B**	**Create EMS to S&B Test Cases**	**2 days**	**0%**	**Wed 4/8/09**	**Thu 4/9/09**
1714	S&B	EMS TO S&B: CreateTest Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
1715	S&B	EMS TO S&B:Review & Approve Test Cases	1 day	0%	Thu 4/9/09	Thu 4/9/09
1716	S&B	EMS TO S&B:Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
1717	**S&B**	**Create EMS to S&B Scripts**	**3 days**	**0%**	**Fri 4/10/09**	**Tue 4/14/09**
1718	S&B	EMS TO S&B: CreateTest Scripts	2 days	0%	Fri 4/10/09	Mon 4/13/09
1719	S&B	EMS TO S&B:Review & Approve Test Scripts	1 day	0%	Tue 4/14/09	Tue 4/14/09
1720	S&B	EMS TO S&B:Test Scripts Completed	0 days	0%	Tue 4/14/09	Tue 4/14/09
1721	**S&B**	**CRR to S&B**	**17 days**	**24%**	**Tue 3/24/09**	**Wed 4/15/09**
1722	**S&B**	**Develop CRR to S&B Test Plan, Test Cases, Scripts**	**17 days**	**24%**	**Tue 3/24/09**	**Wed 4/15/09**
1723	**S&B**	**Create CRR to S&B Test Plan**	**11 days**	**36%**	**Tue 3/24/09**	**Tue 4/7/09**
1724	S&B	CRR TO S&B: Create & Update Test Plan	10 days	40%	Tue 3/24/09	Mon 4/6/09
1725	S&B	CRR TO S&B: Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1726	S&B	CRR TO S&B: Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1727	**S&B**	**Create CRR to S&B Test Cases**	**2 days**	**0%**	**Wed 4/8/09**	**Thu 4/9/09**
1728	S&B	CRR TO S&B: CreateTest Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
1729	S&B	CRR TO S&B:Review & Approve Test Cases	1 day	0%	Thu 4/9/09	Thu 4/9/09
1730	S&B	CRR TO S&B: Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
1731	**S&B**	**Create CRR to S&B Scripts**	**4 days**	**0%**	**Fri 4/10/09**	**Wed 4/15/09**
1732	S&B	CRR TO S&B: Create Test Scripts	3 days	0%	Fri 4/10/09	Tue 4/14/09
1733	S&B	CRR TO S&B: Review & Approve Test Scripts	1 day	0%	Wed 4/15/09	Wed 4/15/09
1734	S&B	CRR TO S&B: Test Scripts Completed	0 days	0%	Wed 4/15/09	Wed 4/15/09
1735	**S&B**	**Migration for CSI Interfaces**	**7 days**	**0%**	**Fri 4/24/09**	**Mon 5/4/09**
1736	S&B	CSI INTERFACES: Create MCD - Framework/Orchestration	2 days	0%	Fri 4/24/09	Mon 4/27/09
1737	S&B	CSI INTERFACES: Create MCD - CSI core/business rules	2 days	0%	Fri 4/24/09	Mon 4/27/09
1738	S&B	CSI INTERFACES: Combine MCDs to MMCR	1 day	0%	Tue 4/28/09	Tue 4/28/09
1739	S&B	CSI INTERFACES: Submit MMCR for CSI Interfaces	2 days	0%	Wed 4/29/09	Thu 4/30/09
1740	S&B	CSI INTERFACES: Migrate CSI Interfaces to Nodal ITEST	2 days	0%	Fri 5/1/09	Mon 5/4/09
1741	S&B	CSI INTERFACES: Ready for Integration Testing	0 days	0%	Mon 5/4/09	Mon 5/4/09
1742	**S&B**	**TIBCO Adapter Interface (TAI)**	**21 days**	**23%**	**Tue 3/24/09**	**Tue 4/21/09**
1743	**S&B**	**REG TO S&B**	**15 days**	**27%**	**Tue 3/24/09**	**Mon 4/13/09**
1744	**S&B**	**Develop REG to S&B Test Plan, Test Cases, Scripts**	**15 days**	**27%**	**Tue 3/24/09**	**Mon 4/13/09**
1745	**S&B**	**Create REG to S&B Test Plan**	**11 days**	**36%**	**Tue 3/24/09**	**Tue 4/7/09**
1746	S&B	REG to S&B: Create & Update Test Plan	10 days	40%	Tue 3/24/09	Mon 4/6/09
1747	S&B	REG to S&B: Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1748	S&B	REG to S&B: Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1749	**S&B**	**Create REG to S&B Test Cases**	**2 days**	**0%**	**Wed 4/8/09**	**Thu 4/9/09**
1750	S&B	REG to S&B: Create Test Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
1751	S&B	REG to S&B: Review & Approve Test Cases	1 day	0%	Thu 4/9/09	Thu 4/9/09
1752	S&B	REG to S&B: Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
1753	**S&B**	**Create REG to S&B Scripts**	**2 days**	**0%**	**Fri 4/10/09**	**Mon 4/13/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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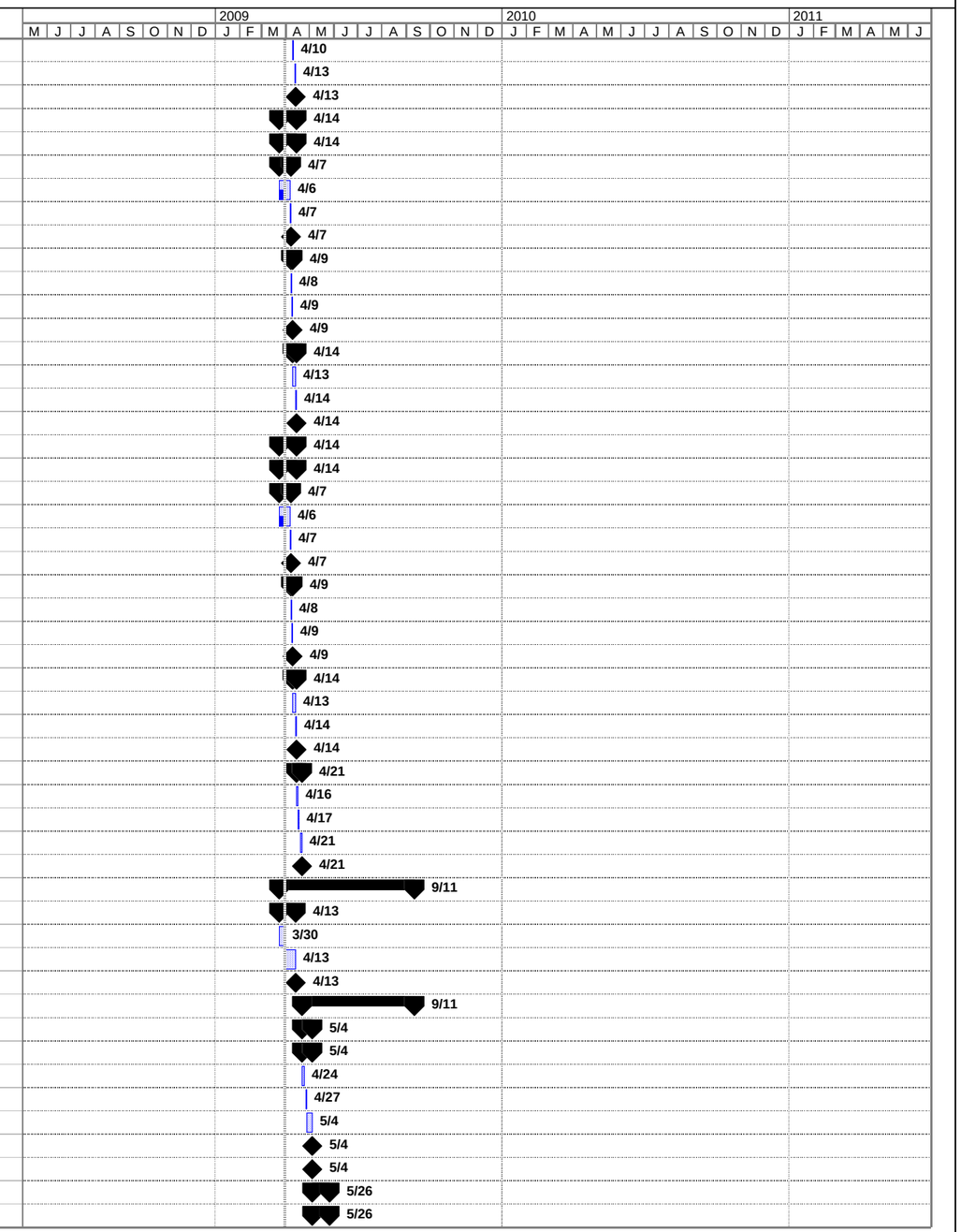
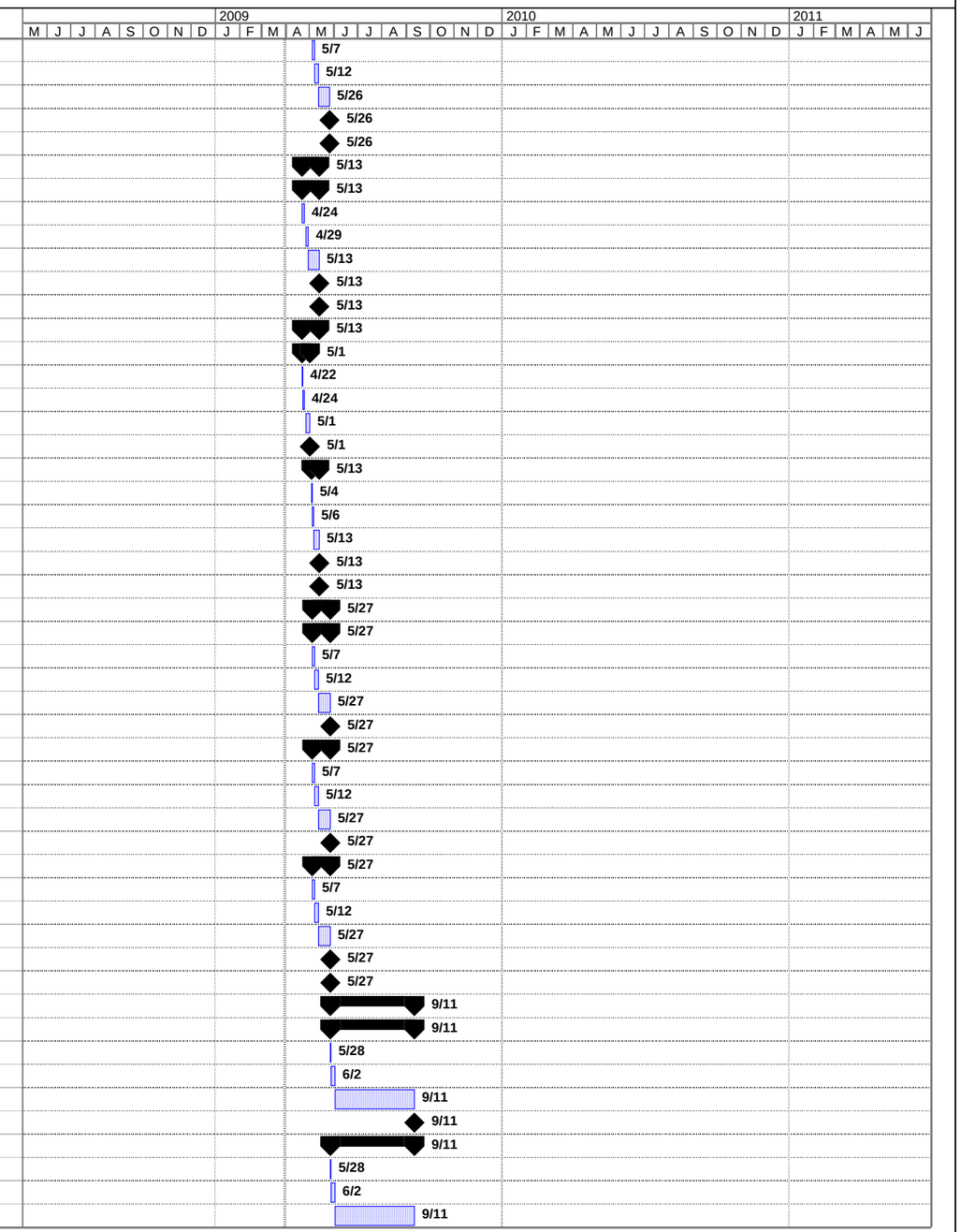
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1754	S&B	REG to S&B: Create Test Scripts	1 day	0%	Fri 4/10/09	Fri 4/10/09
1755	S&B	REG to S&B: Review & Approve Test Scripts	1 day	0%	Mon 4/13/09	Mon 4/13/09
1756	S&B	REG to S&B: Test Scripts Completed	0 days	0%	Mon 4/13/09	Mon 4/13/09
1757	**S&B**	**NMMS to S&B**	**16 days**	**25%**	**Tue 3/24/09**	**Tue 4/14/09**
1758	**S&B**	**Develop NMMS to S&B Test Plan, Test Cases, Scripts**	**16 days**	**25%**	**Tue 3/24/09**	**Tue 4/14/09**
1759	**S&B**	**Create NMMS to S&B Test Plan**	**11 days**	**36%**	**Tue 3/24/09**	**Tue 4/7/09**
1760	S&B	NMMS to S&B: Create & Update Test Plan	10 days	40%	Tue 3/24/09	Mon 4/6/09
1761	S&B	NMMS to S&B: Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1762	S&B	NMMS to S&B: Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1763	**S&B**	**Create NMMS to S&B Test Cases**	**2 days**	**0%**	**Wed 4/8/09**	**Thu 4/9/09**
1764	S&B	NMMS to S&B: Create Test Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
1765	S&B	NMMS to S&B: Review & Approve Test Cases	1 day	0%	Thu 4/9/09	Thu 4/9/09
1766	S&B	NMMS to S&B: Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
1767	**S&B**	**Create NMMS to S&B Scripts**	**3 days**	**0%**	**Fri 4/10/09**	**Tue 4/14/09**
1768	S&B	NMMS to S&B: Create Test Scripts	2 days	0%	Fri 4/10/09	Mon 4/13/09
1769	S&B	NMMS to S&B: Review & Approve Test Scripts	1 day	0%	Tue 4/14/09	Tue 4/14/09
1770	S&B	NMMS to S&B: Test Scripts Completed	0 days	0%	Tue 4/14/09	Tue 4/14/09
1771	**S&B**	**PLATTS to S&B**	**16 days**	**25%**	**Tue 3/24/09**	**Tue 4/14/09**
1772	**S&B**	**Develop PLATTS to S&B Test Plan, Test Cases, Scripts**	**16 days**	**25%**	**Tue 3/24/09**	**Tue 4/14/09**
1773	**S&B**	**Create PLATTS to S&B Test Plan**	**11 days**	**36%**	**Tue 3/24/09**	**Tue 4/7/09**
1774	S&B	PLATTS to S&B: Create & Update Test Plan	10 days	40%	Tue 3/24/09	Mon 4/6/09
1775	S&B	PLATTS to S&B: Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1776	S&B	PLATTS to S&B: Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1777	**S&B**	**Create PLATTS to S&B Test Cases**	**2 days**	**0%**	**Wed 4/8/09**	**Thu 4/9/09**
1778	S&B	PLATTS to S&B: Create Test Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
1779	S&B	PLATTS to S&B: Review & Approve Test Cases	1 day	0%	Thu 4/9/09	Thu 4/9/09
1780	S&B	PLATTS to S&B: Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
1781	**S&B**	**Create PLATTS to S&B Scripts**	**3 days**	**0%**	**Fri 4/10/09**	**Tue 4/14/09**
1782	S&B	PLATTS to S&B: Create Test Scripts	2 days	0%	Fri 4/10/09	Mon 4/13/09
1783	S&B	PLATTS to S&B: Review & Approve Test Scripts	1 day	0%	Tue 4/14/09	Tue 4/14/09
1784	S&B	PLATTS to S&B: Test Scripts Completed	0 days	0%	Tue 4/14/09	Tue 4/14/09
1785	**S&B**	**Migration for TAI Interfaces**	**5 days**	**0%**	**Wed 4/15/09**	**Tue 4/21/09**
1786	S&B	TAI INTERFACES: Create MMCR -TAI Interfaces	2 days	0%	Wed 4/15/09	Thu 4/16/09
1787	S&B	TAI INTERFACES: Submit MMCR for TAI Interfaces	1 day	0%	Fri 4/17/09	Fri 4/17/09
1788	S&B	TAI INTERFACES: Migrate TAI Interfaces to Nodal ITEST	2 days	0%	Mon 4/20/09	Tue 4/21/09
1789	S&B	TAI INTERFACES: Ready for Integration Testing	0 days	0%	Tue 4/21/09	Tue 4/21/09
1790	**S&B**	**EXECUTION - INTEGRATION TESTING**	**121 days**	**0%**	**Tue 3/24/09**	**Fri 9/11/09**
1791	**S&B**	**Data Preparation**	**15 days**	**0%**	**Tue 3/24/09**	**Mon 4/13/09**
1792	S&B	Establish Update Plan for Lodestar	5 days	0%	Tue 3/24/09	Mon 3/30/09
1793	S&B	Add updated data to IT00NDL	10 days	0%	Tue 3/31/09	Mon 4/13/09
1794	S&B	Data Preparation - complete	0 days	0%	Mon 4/13/09	Mon 4/13/09
1795	**S&B**	**Interface Testing (aka Integrated FAT, Integration Testing)**	**100 days**	**0%**	**Wed 4/22/09**	**Fri 9/11/09**
1796	**S&B**	**PLATTS to S&B**	**9 days**	**0%**	**Wed 4/22/09**	**Mon 5/4/09**
1797	**S&B**	**FIP/FOP**	**9 days**	**0%**	**Wed 4/22/09**	**Mon 5/4/09**
1798	S&B	PLATTS to S&B - FIP/FOP: Confirm Connectivity	3 days	0%	Wed 4/22/09	Fri 4/24/09
1799	S&B	PLATTS to S&B - FIP/FOP: Validate ETVCVL	1 day	0%	Mon 4/27/09	Mon 4/27/09
1800	S&B	PLATTS to S&B - FIP/FOP: Defect Resolution/Refactor/Retest	5 days	0%	Tue 4/28/09	Mon 5/4/09
1801	S&B	PLATTS to S&B - FIP/FOP: Interface Test Complete	0 days	0%	Mon 5/4/09	Mon 5/4/09
1802	S&B	PLATTS to S&B Interface Test Complete - ready for Business Scenario Testing	0 days	0%	Mon 5/4/09	Mon 5/4/09
1803	**S&B**	**EMS to S&B**	**15 days**	**0%**	**Tue 5/5/09**	**Tue 5/26/09**
1804	**S&B**	**DAILY_EMS2STL**	**15 days**	**0%**	**Tue 5/5/09**	**Tue 5/26/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1805	S&B	EMS to S&B - DAILY_EMS2STL: Confirm Connectivity	3 days	0%	Tue 5/5/09	Thu 5/7/09
1806	S&B	EMS to S&B - DAILY_EMS2STL: Validate ETVCVL	3 days	0%	Fri 5/8/09	Tue 5/12/09
1807	S&B	EMS to S&B - DAILY_EMS2STL: Defect Resolution/Refactor/Retest	10 days	0%	Wed 5/13/09	Tue 5/26/09
1808	S&B	DAILY_EMS2STL: Interface Test Complete	0 days	0%	Tue 5/26/09	Tue 5/26/09
1809	S&B	EMS to S&B Interface Test Complete - read for Business Scenario Testing	0 days	0%	Tue 5/26/09	Tue 5/26/09
1810	**S&B**	**NMMS to S&B**	**16 days**	**0%**	**Wed 4/22/09**	**Wed 5/13/09**
1811	**S&B**	**Resource Parameters (RES PARAM)**	**16 days**	**0%**	**Wed 4/22/09**	**Wed 5/13/09**
1812	S&B	NMMS to S&B - RES PARAM: Confirm Connectivity	3 days	0%	Wed 4/22/09	Fri 4/24/09
1813	S&B	NMMS to S&B - RES PARAM: Validate ETVCVL	3 days	0%	Mon 4/27/09	Wed 4/29/09
1814	S&B	NMMS to S&B - RES PARAM: Defect Resolution/Refactor/Retest	10 days	0%	Thu 4/30/09	Wed 5/13/09
1815	S&B	NMMS to S&B - RES PARAM: Interface Test complete	0 days	0%	Wed 5/13/09	Wed 5/13/09
1816	S&B	NMMS to S&B Interface Test Complete - ready for Business Scenario Testing	0 days	0%	Wed 5/13/09	Wed 5/13/09
1817	**S&B**	**REG to S&B**	**16 days**	**0%**	**Wed 4/22/09**	**Wed 5/13/09**
1818	**S&B**	**MP Details (MPD)**	**8 days**	**0%**	**Wed 4/22/09**	**Fri 5/1/09**
1819	S&B	REG to S&B - MPD: Confirm Connectivity	1 day	0%	Wed 4/22/09	Wed 4/22/09
1820	S&B	REG to S&B - MPD: Validate ETVCVL	2 days	0%	Thu 4/23/09	Fri 4/24/09
1821	S&B	REG to S&B - MPD: Defect Resolution/Refactor/Retest	5 days	0%	Mon 4/27/09	Fri 5/1/09
1822	S&B	REG to S&B - MPD: Interface Test complete	0 days	0%	Fri 5/1/09	Fri 5/1/09
1823	**S&B**	**Resource Details (RESD)**	**8 days**	**0%**	**Mon 5/4/09**	**Wed 5/13/09**
1824	S&B	REG to S&B - RESD: Confirm Connectivity	1 day	0%	Mon 5/4/09	Mon 5/4/09
1825	S&B	REG to S&B - RESD: Validate ETVCVL	2 days	0%	Tue 5/5/09	Wed 5/6/09
1826	S&B	REG to S&B - RESD: Defect Resolution/Refactor/Retest	5 days	0%	Thu 5/7/09	Wed 5/13/09
1827	S&B	REG to S&B - RESD: Interface Test complete	0 days	0%	Wed 5/13/09	Wed 5/13/09
1828	S&B	REG to S&B Interface Test Complete - ready for Business Scenario Testing	0 days	0%	Wed 5/13/09	Wed 5/13/09
1829	**S&B**	**CRR to S&B**	**16 days**	**0%**	**Tue 5/5/09**	**Wed 5/27/09**
1830	**S&B**	**DAILY_CRROWNERSHIP2STL**	**16 days**	**0%**	**Tue 5/5/09**	**Wed 5/27/09**
1831	S&B	CRR to S&B - DAILY_CRROWNERSHIP2STL: Confirm Connectivity	3 days	0%	Tue 5/5/09	Thu 5/7/09
1832	S&B	CRR to S&B - DAILY_CRROWNERSHIP2STL: Validate ETVCVL	3 days	0%	Fri 5/8/09	Tue 5/12/09
1833	S&B	CRR to S&B - DAILY_CRROWNERSHIP2STL: Defect Resolution/Refactor/Retest	10 days	0%	Wed 5/13/09	Wed 5/27/09
1834	S&B	DAILY_CRROWNERSHIP2STL: Interface Test Complete	0 days	0%	Wed 5/27/09	Wed 5/27/09
1835	**S&B**	**MONTHLY_AUCTION2STL**	**16 days**	**0%**	**Tue 5/5/09**	**Wed 5/27/09**
1836	S&B	CRR to S&B - MONTHLY_AUCTION2STL: Confirm Connectivity	3 days	0%	Tue 5/5/09	Thu 5/7/09
1837	S&B	CRR to S&B - MONTHLY_AUCTION2STL: Validate ETVCVL	3 days	0%	Fri 5/8/09	Tue 5/12/09
1838	S&B	CRR to S&B - MONTHLY_AUCTION2STL: Defect Resolution/Refactor/Retest	10 days	0%	Wed 5/13/09	Wed 5/27/09
1839	S&B	MONTHLY_AUCTION2STL: Interface Test Complete	0 days	0%	Wed 5/27/09	Wed 5/27/09
1840	**S&B**	**ANNUAL_AUCTION2STL**	**16 days**	**0%**	**Tue 5/5/09**	**Wed 5/27/09**
1841	S&B	CRR to S&B - ANNUAL_AUCTION2STL: Confirm Connectivity	3 days	0%	Tue 5/5/09	Thu 5/7/09
1842	S&B	CRR to S&B - ANNUAL_AUCTION2STL: Validate ETVCVL	3 days	0%	Fri 5/8/09	Tue 5/12/09
1843	S&B	CRR to S&B - ANNUAL_AUCTION2STL: Defect Resolution/Refactor/Retest	10 days	0%	Wed 5/13/09	Wed 5/27/09
1844	S&B	ANNUAL_AUCTION2STL: Interface Test Complete	0 days	0%	Wed 5/27/09	Wed 5/27/09
1845	S&B	CRR to S&B Interface Test Complete - read for Business Scenario Testing	0 days	0%	Wed 5/27/09	Wed 5/27/09
1846	**S&B**	**MMS to S&B**	**75 days**	**0%**	**Thu 5/28/09**	**Fri 9/11/09**
1847	**S&B**	**DAILY_DAMOUTPUT2STL**	**75 days**	**0%**	**Thu 5/28/09**	**Fri 9/11/09**
1848	S&B	MMS to S&B - DAILY_DAMOUTPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1849	S&B	MMS to S&B - DAILY_DAMOUTPUT2STL: Validate ETVCVL	3 days	0%	Fri 5/29/09	Tue 6/2/09
1850	S&B	MMS to S&B - DAILY_DAMOUTPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Wed 6/3/09	Fri 9/11/09
1851	S&B	MMS to S&B - DAILY_DAMOUTPUT2STL: Interface Test Complete	0 days	0%	Fri 9/11/09	Fri 9/11/09
1852	**S&B**	**DAILY_DAMINPUT2STL**	**75 days**	**0%**	**Thu 5/28/09**	**Fri 9/11/09**
1853	S&B	MMS to S&B - DAILY_DAMINPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1854	S&B	MMS to S&B - DAILY_DAMINPUT2STL: Validate ETVCVL	3 days	0%	Fri 5/29/09	Tue 6/2/09
1855	S&B	MMS to S&B - DAILY_DAMINPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Wed 6/3/09	Fri 9/11/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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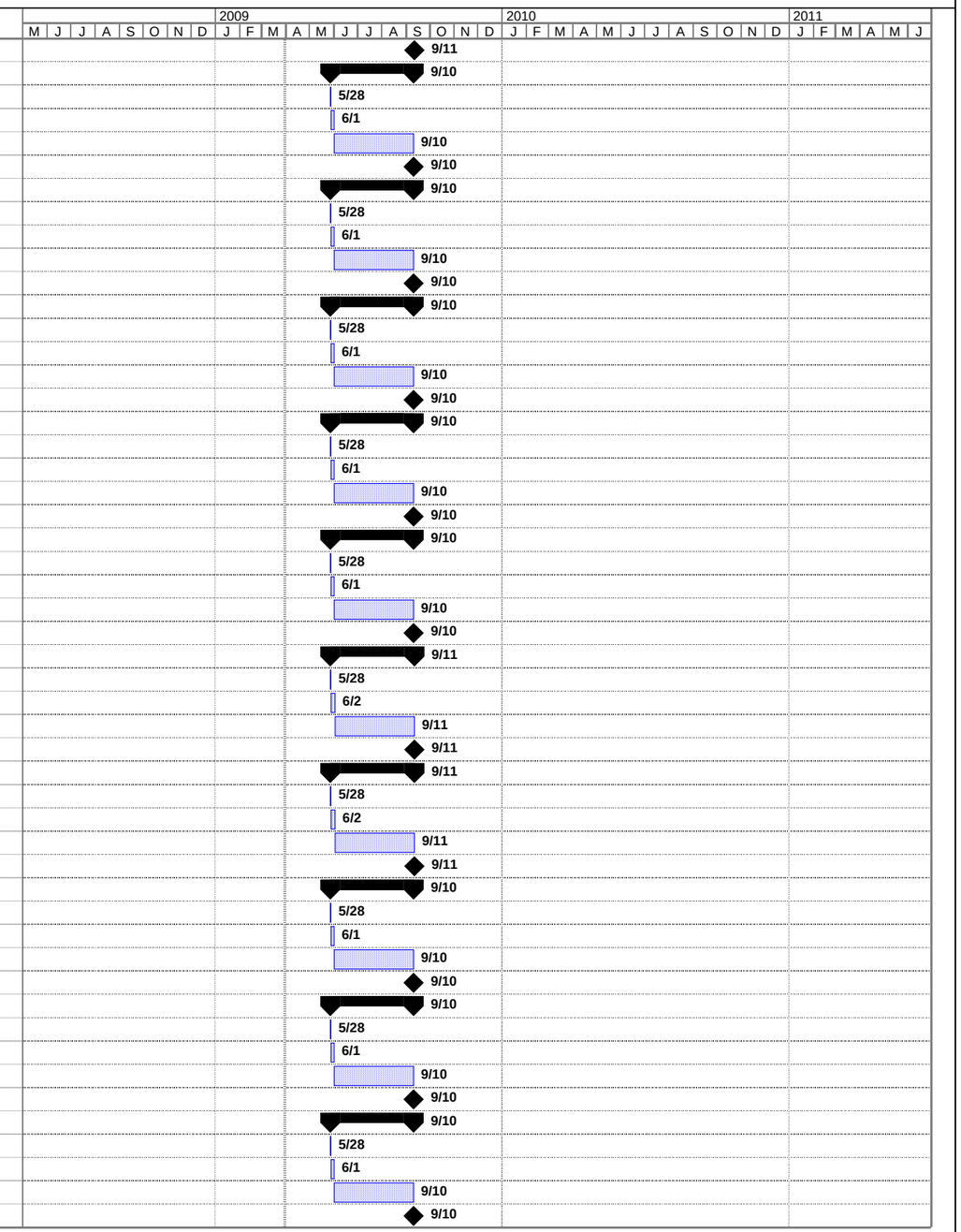
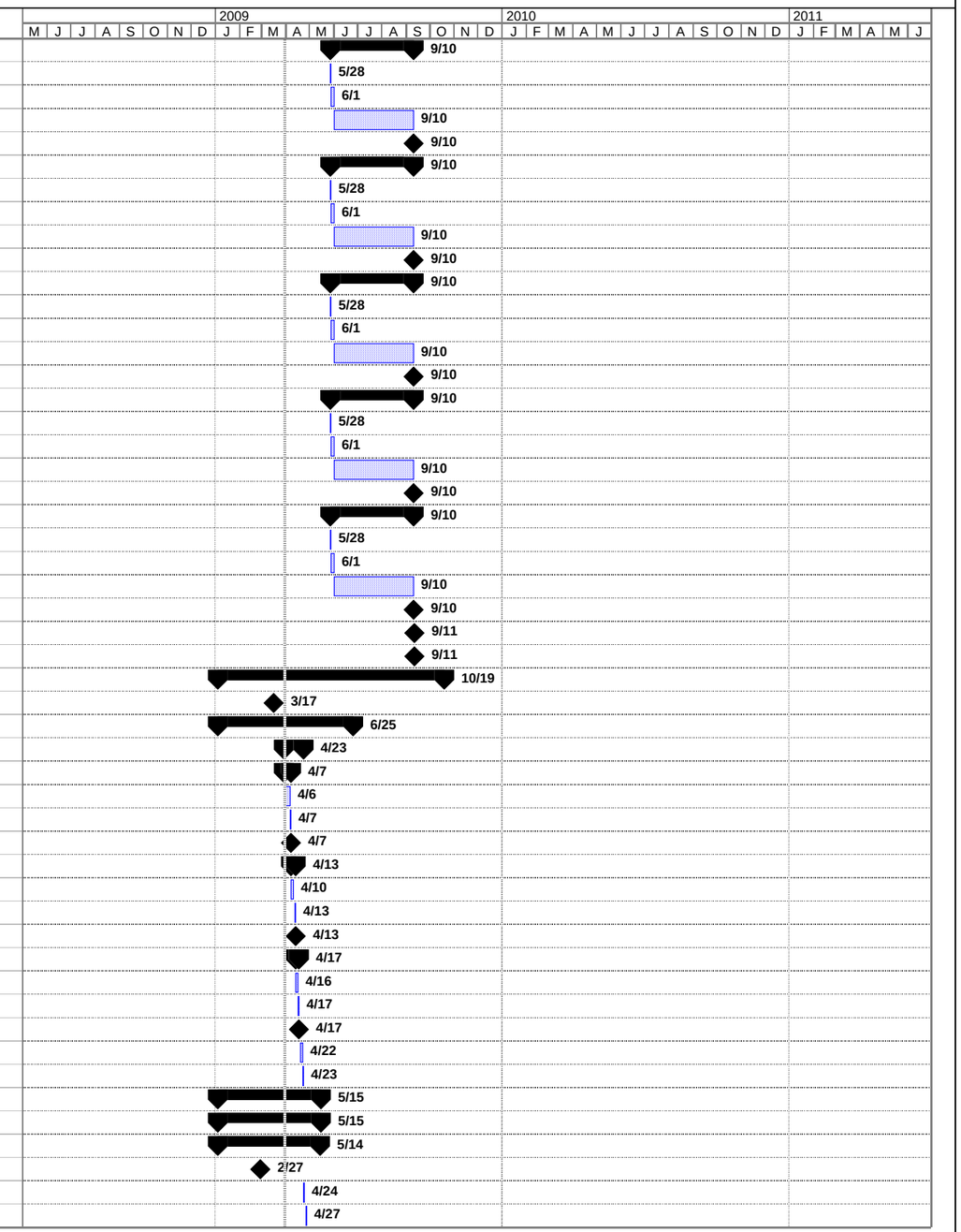
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1856	S&B	MMS to S&B - DAILY_DAMINPUT2STL: Interface Test Complete	0 days	0%	Fri 9/11/09	Fri 9/11/09
1857	**S&B**	**DAILY_SPP2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1858	S&B	MMS to S&B - DAILY_SPP2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1859	S&B	MMS to S&B - DAILY_SPP2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1860	S&B	MMS to S&B - DAILY_SPP2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1861	S&B	MMS to S&B - DAILY_SPP2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1862	**S&B**	**DAILY_OUTPUTSCH2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1863	S&B	MMS to S&B - DAILY_OUTPUTSCH2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1864	S&B	MMS to S&B - DAILY_OUTPUTSCH2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1865	S&B	MMS to S&B - DAILY_OUTPUTSCH2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1866	S&B	MMS to S&B - DAILY_OUTPUTSCH2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1867	**S&B**	**DAILY_SCED2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1868	S&B	MMS to S&B - DAILY_SCED2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1869	S&B	MMS to S&B - DAILY_SCED2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1870	S&B	MMS to S&B - DAILY_SCED2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1871	S&B	MMS to S&B - DAILY_SCED2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1872	**S&B**	**DAILY_SASMOUTPUT2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1873	S&B	MMS to S&B - DAILY_SASMOUTPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1874	S&B	MMS to S&B - DAILY_SASMOUTPUT2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1875	S&B	MMS to S&B - DAILY_SASMOUTPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1876	S&B	MMS to S&B - DAILY_SASMOUTPUT2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1877	**S&B**	**DAILY_ENDOFADJ2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1878	S&B	MMS to S&B - DAILY_ENDOFADJ2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1879	S&B	MMS to S&B - DAILY_ENDOFADJ2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1880	S&B	MMS to S&B - DAILY_ENDOFADJ2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1881	S&B	MMS to S&B - DAILY_ENDOFADJ2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1882	**S&B**	**DAILY_HRUCOUTPUT2STL**	**75 days**	**0%**	**Thu 5/28/09**	**Fri 9/11/09**
1883	S&B	MMS to S&B - DAILY_HRUCOUTPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1884	S&B	MMS to S&B - DAILY_HRUCOUTPUT2STL: Validate ETVCVL	3 days	0%	Fri 5/29/09	Tue 6/2/09
1885	S&B	MMS to S&B - DAILY_HRUCOUTPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Wed 6/3/09	Fri 9/11/09
1886	S&B	MMS to S&B - DAILY_HRUCOUTPUT2STL: Interface Test Complete	0 days	0%	Fri 9/11/09	Fri 9/11/09
1887	**S&B**	**DAILY_HRUCINPUT2STL**	**75 days**	**0%**	**Thu 5/28/09**	**Fri 9/11/09**
1888	S&B	MMS to S&B - DAILY_HRUCINPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1889	S&B	MMS to S&B - DAILY_HRUCINPUT2STL: Validate ETVCVL	3 days	0%	Fri 5/29/09	Tue 6/2/09
1890	S&B	MMS to S&B - DAILY_HRUCINPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Wed 6/3/09	Fri 9/11/09
1891	S&B	MMS to S&B - DAILY_HRUCINPUT2STL: Interface Test Complete	0 days	0%	Fri 9/11/09	Fri 9/11/09
1892	**S&B**	**DAILY_FINAL2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1893	S&B	MMS to S&B - DAILY_FINAL2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1894	S&B	MMS to S&B - DAILY_FINAL2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1895	S&B	MMS to S&B - DAILY_FINAL2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1896	S&B	MMS to S&B - DAILY_FINAL2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1897	**S&B**	**DAILY_DRUCOUTPUT2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1898	S&B	MMS to S&B - DAILY_DRUCOUTPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1899	S&B	MMS to S&B - DAILY_DRUCOUTPUT2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1900	S&B	MMS to S&B - DAILY_DRUCOUTPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1901	S&B	MMS to S&B - DAILY_DRUCOUTPUT2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1902	**S&B**	**DAILY_DRUCINPUT2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1903	S&B	MMS to S&B - DAILY_DRUCINPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1904	S&B	MMS to S&B - DAILY_DRUCINPUT2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1905	S&B	MMS to S&B - DAILY_DRUCINPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1906	S&B	MMS to S&B - DAILY_DRUCINPUT2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1907	**S&B**	**DAILY_RTOPTPRINFO2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1908	S&B	MMS to S&B - DAILY_RTOPTRINFO2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1909	S&B	MMS to S&B - DAILY_RTOPTRINFO2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1910	S&B	MMS to S&B - DAILY_RTOPTRINFO2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1911	S&B	MMS to S&B - DAILY_RTOPTRINFO2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1912	**S&B**	**DAILY_RTRMPR2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1913	S&B	MMS to S&B - DAILY_RTRMPR2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1914	S&B	MMS to S&B - DAILY_RTRMPR2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1915	S&B	MMS to S&B - DAILY_RTRMPR2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1916	S&B	MMS to S&B - DAILY_RTRMPR2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1917	**S&B**	**DAILY_DAMSFTOUTPUT2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1918	S&B	MMS to S&B - DAILY_DAMSFTOUTPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1919	S&B	MMS to S&B - DAILY_DAMSFTOUTPUT2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1920	S&B	MMS to S&B - DAILY_DAMSFTOUTPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1921	S&B	MMS to S&B - DAILY_DAMSFTOUTPUT2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1922	**S&B**	**DAILY_DAMPODOUTPUT2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1923	S&B	MMS to S&B - DAILY_DAMPODOUTPUT2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1924	S&B	MMS to S&B - DAILY_DAMPODOUTPUT2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1925	S&B	MMS to S&B - DAILY_DAMPODOUTPUT2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1926	S&B	MMS to S&B - DAILY_DAMPODOUTPUT2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1927	**S&B**	**DAILY_NDRTFGRPR2STL**	**74 days**	**0%**	**Thu 5/28/09**	**Thu 9/10/09**
1928	S&B	MMS to S&B - DAILY_NDRTFGRPR2STL: Confirm Connectivity	1 day	0%	Thu 5/28/09	Thu 5/28/09
1929	S&B	MMS to S&B - DAILY_NDRTFGRPR2STL: Validate ETVCVL	2 days	0%	Fri 5/29/09	Mon 6/1/09
1930	S&B	MMS to S&B - DAILY_NDRTFGRPR2STL: Defect Resolution/Refactor/Retest	71 days	0%	Tue 6/2/09	Thu 9/10/09
1931	S&B	MMS to S&B - DAILY_NDRTFGRPR2STL: Interface Test Complete	0 days	0%	Thu 9/10/09	Thu 9/10/09
1932	S&B	MMS to S&B Interface Test Complete - ready for Business Scenario Testing	0 days	0%	Fri 9/11/09	Fri 9/11/09
1933	S&B	Interface Test Complete - ready for Business Scenario Testing	0 days	0%	Fri 9/11/09	Fri 9/11/09
1934	**CRR**	**CRR - Congestion Revenue Rights**	**203 days**	**6%**	**Mon 1/5/09**	**Mon 10/19/09**
1936	CRR	CRR 4 available in FAT	0 days	100%	Tue 3/17/09	Tue 3/17/09
1937	**CRR**	**REG to CRR - Registration Info**	**123 days**	**0%**	**Mon 1/5/09**	**Thu 6/25/09**
1938	**CRR**	**Develop REG=>CRR Test Plans, Cases & Scripts**	**19 days**	**0%**	**Mon 3/30/09**	**Thu 4/23/09**
1939	**CRR**	**Create REG=>CRR Test Plan**	**7 days**	**0%**	**Mon 3/30/09**	**Tue 4/7/09**
1940	CRR	Create & Update Test Plan	6 days	0%	Mon 3/30/09	Mon 4/6/09
1941	CRR	Review & Approve Test Plan	1 day	0%	Tue 4/7/09	Tue 4/7/09
1942	CRR	Test Plan Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
1943	**CRR**	**Create REG=>CRR Test Cases**	**4 days**	**0%**	**Wed 4/8/09**	**Mon 4/13/09**
1944	CRR	Create REG=>CRR Test Cases	3 days	0%	Wed 4/8/09	Fri 4/10/09
1945	CRR	Review & Approve Test Cases	1 day	0%	Mon 4/13/09	Mon 4/13/09
1946	CRR	Test Cases Completed	0 days	0%	Mon 4/13/09	Mon 4/13/09
1947	**CRR**	**Create REG=>CRR Scripts**	**4 days**	**0%**	**Tue 4/14/09**	**Fri 4/17/09**
1948	CRR	Create REG=>CRR Test Scripts	3 days	0%	Tue 4/14/09	Thu 4/16/09
1949	CRR	Review & Approve Test Scripts	1 day	0%	Fri 4/17/09	Fri 4/17/09
1950	CRR	Test Scripts Completed	0 days	0%	Fri 4/17/09	Fri 4/17/09
1951	CRR	Submit REG=>CRR MMCR for Test Plans, Cases & Scripts	3 days	0%	Mon 4/20/09	Wed 4/22/09
1952	CRR	Migrate REG=>CRR to FAT	1 day	0%	Thu 4/23/09	Thu 4/23/09
1953	**CRR**	**Execute REG=>CRR Interface Tests**	**95 days**	**0%**	**Mon 1/5/09**	**Fri 5/15/09**
1954	**CRR**	**FAT Interface**	**95 days**	**0%**	**Mon 1/5/09**	**Fri 5/15/09**
1955	**CRR**	**Receive file from REG (Full and Incremental (if applicable))**	**94 days**	**0%**	**Mon 1/5/09**	**Thu 5/14/09**
1956	CRR	Regiration verion 5 is available in FAT	0 days	0%	Fri 2/27/09	Fri 2/27/09
1957	CRR	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Fri 4/24/09	Fri 4/24/09
1958	CRR	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Mon 4/27/09	Mon 4/27/09



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

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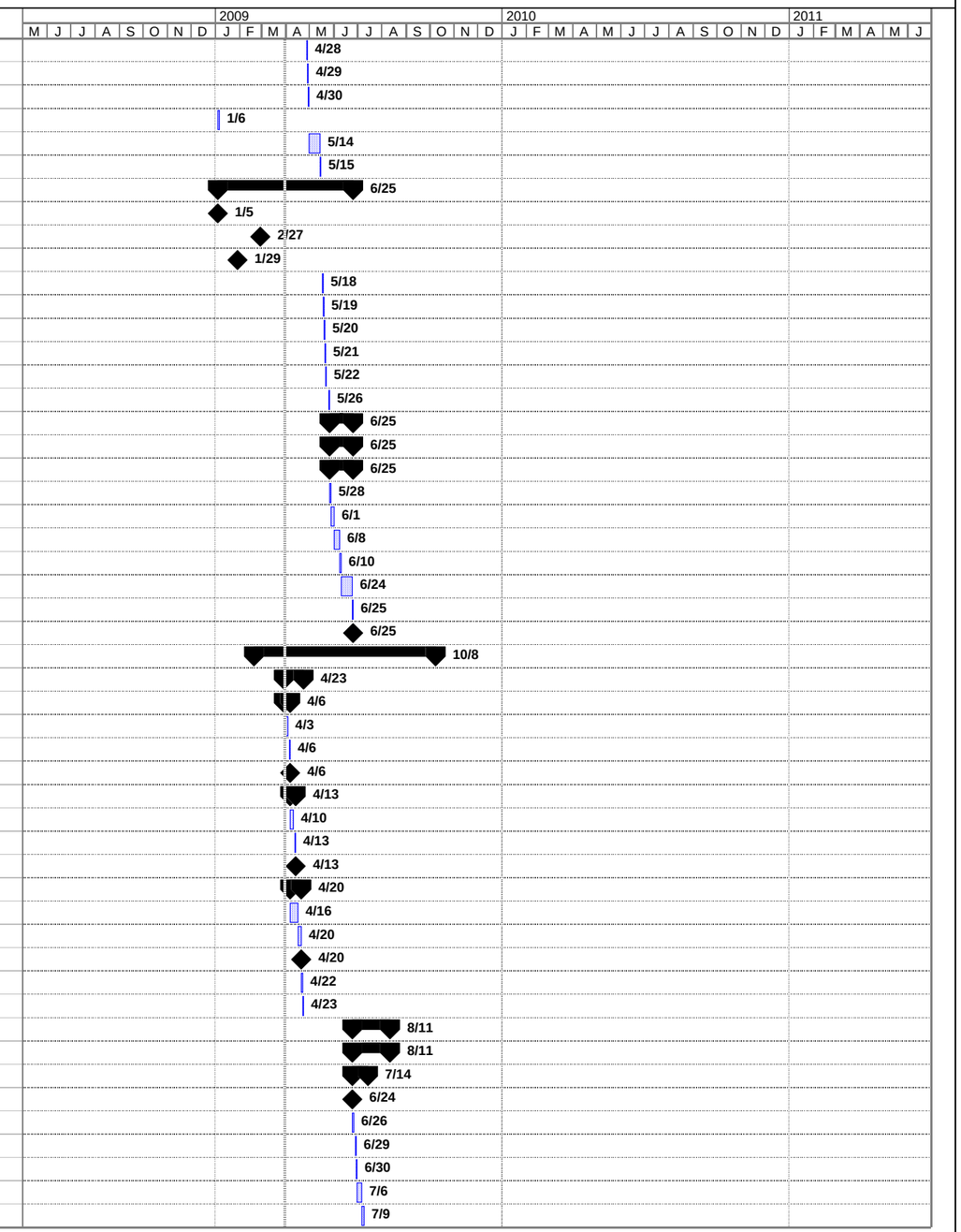
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
1959	CRR	Load file from REG into CRR	1 day	0%	Tue 4/28/09	Tue 4/28/09
1960	CRR	Verify REG FAT data load and update successful	1 day	0%	Wed 4/29/09	Wed 4/29/09
1961	CRR	Log REG FAT defect (if necessary)	1 day	0%	Thu 4/30/09	Thu 4/30/09
1962	CRR	Repair & Verify Defect Fixes	2 days	0%	Mon 1/5/09	Tue 1/6/09
1963	CRR	REG Interface Test Completed	10 days	0%	Fri 5/1/09	Thu 5/14/09
1964	CRR	REG=>CRR FAT Test Execution Completed	1 day	0%	Fri 5/15/09	Fri 5/15/09
1965	**CRR**	**Migrate REG=>CRR to iTest**	**123 days**	**0%**	**Mon 1/5/09**	**Thu 6/25/09**
1966	CRR	iTest Environment availabiltiy	0 days	0%	Mon 1/5/09	Mon 1/5/09
1967	CRR	Regiration verion 5 is available in iTest	0 days	0%	Fri 2/27/09	Fri 2/27/09
1968	CRR	EIP adaptor available in iTest	0 days	0%	Thu 1/29/09	Thu 1/29/09
1969	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Mon 5/18/09	Mon 5/18/09
1970	CRR	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Tue 5/19/09	Tue 5/19/09
1971	CRR	Review REG=>CRR Test Plans, Cases & Scripts	1 day	0%	Wed 5/20/09	Wed 5/20/09
1972	CRR	Modify REG=>CRR Test Plans, Cases & Scripts (if necessary)	1 day	0%	Thu 5/21/09	Thu 5/21/09
1973	CRR	Approve REG=>CRR Test Plans, Cases & Scripts	1 day	0%	Fri 5/22/09	Fri 5/22/09
1974	CRR	REG=>CRR Interface Ready for iTest	1 day	0%	Tue 5/26/09	Tue 5/26/09
1975	**CRR**	**Execute REG=>CRR Integration Test**	**22 days**	**0%**	**Wed 5/27/09**	**Thu 6/25/09**
1976	**CRR**	**iTEST Interface Info**	**22 days**	**0%**	**Wed 5/27/09**	**Thu 6/25/09**
1977	**CRR**	**REG - generate data file**	**22 days**	**0%**	**Wed 5/27/09**	**Thu 6/25/09**
1978	CRR	EIP - transport REG data file to CRR repository	2 days	0%	Wed 5/27/09	Thu 5/28/09
1979	CRR	CRR - receive & process REG data file	2 days	0%	Fri 5/29/09	Mon 6/1/09
1980	CRR	CRR - Verify REG iTest data load and update successful	5 days	0%	Tue 6/2/09	Mon 6/8/09
1981	CRR	Log REG iTest defect (if necessary)	2 days	0%	Tue 6/9/09	Wed 6/10/09
1982	CRR	Repair & Verify Defect Fixes	10 days	0%	Thu 6/11/09	Wed 6/24/09
1983	CRR	REG (Automated Interface) Integration Test Completed	1 day	0%	Thu 6/25/09	Thu 6/25/09
1984	CRR	REG=>CRR iTest Test Execution Completed	0 days	0%	Thu 6/25/09	Thu 6/25/09
1985	**CRR**	**CMM to CRR - ACL for CRR Account Holders**	**162 days**	**0%**	**Thu 2/19/09**	**Thu 10/8/09**
1986	**CRR**	**Develop CMM=>CRR Test Plans, Cases & Scripts**	**19 days**	**0%**	**Mon 3/30/09**	**Thu 4/23/09**
1987	**CRR**	**Create CMM=>CRR Test Plan**	**6 days**	**0%**	**Mon 3/30/09**	**Mon 4/6/09**
1988	CRR	Create & Update Test Plan	5 days	0%	Mon 3/30/09	Fri 4/3/09
1989	CRR	Review & Approve Test Plan	1 day	0%	Mon 4/6/09	Mon 4/6/09
1990	CRR	Test Plan Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
1991	**CRR**	**Create CMM=>CRR Test Cases**	**5 days**	**0%**	**Tue 4/7/09**	**Mon 4/13/09**
1992	CRR	Create CMM=>CRR Test Cases	4 days	0%	Tue 4/7/09	Fri 4/10/09
1993	CRR	Review & Approve Test Cases	1 day	0%	Mon 4/13/09	Mon 4/13/09
1994	CRR	Test Cases Completed	0 days	0%	Mon 4/13/09	Mon 4/13/09
1995	**CRR**	**Create CMM=>CRR Scripts**	**10 days**	**0%**	**Tue 4/7/09**	**Mon 4/20/09**
1996	CRR	Create CMM=>CRR Test Scripts	8 days	0%	Tue 4/7/09	Thu 4/16/09
1997	CRR	Review & Approve Test Scripts	2 days	0%	Fri 4/17/09	Mon 4/20/09
1998	CRR	Test Scripts Completed	0 days	0%	Mon 4/20/09	Mon 4/20/09
1999	CRR	Create MMCR for CMM=>CRR Test Plans, Cases & Scripts	2 days	0%	Tue 4/21/09	Wed 4/22/09
2000	CRR	Submit CMM=>CRR MMCR for Test Plans, Cases & Scripts	1 day	0%	Thu 4/23/09	Thu 4/23/09
2001	**CRR**	**Migrate CMM=>CRR to FAT**	**33 days**	**0%**	**Wed 6/24/09**	**Tue 8/11/09**
2002	**CRR**	**Execute CMM=>CRR Interface Tests**	**33 days**	**0%**	**Wed 6/24/09**	**Tue 8/11/09**
2003	**CRR**	**FAT ACL Interface**	**13 days**	**0%**	**Wed 6/24/09**	**Tue 7/14/09**
2004	CRR	CMM 4.2 is avaialble in the FAT environment	0 days	0%	Wed 6/24/09	Wed 6/24/09
2005	CRR	Receive file from CMM (Full and Incremental (if applicable))	2 days	0%	Thu 6/25/09	Fri 6/26/09
2006	CRR	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Mon 6/29/09	Mon 6/29/09
2007	CRR	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Tue 6/30/09	Tue 6/30/09
2008	CRR	Load file from CMM into CRR	3 days	0%	Wed 7/1/09	Mon 7/6/09
2009	CRR	Verify CMM FAT data load and update successful	3 days	0%	Tue 7/7/09	Thu 7/9/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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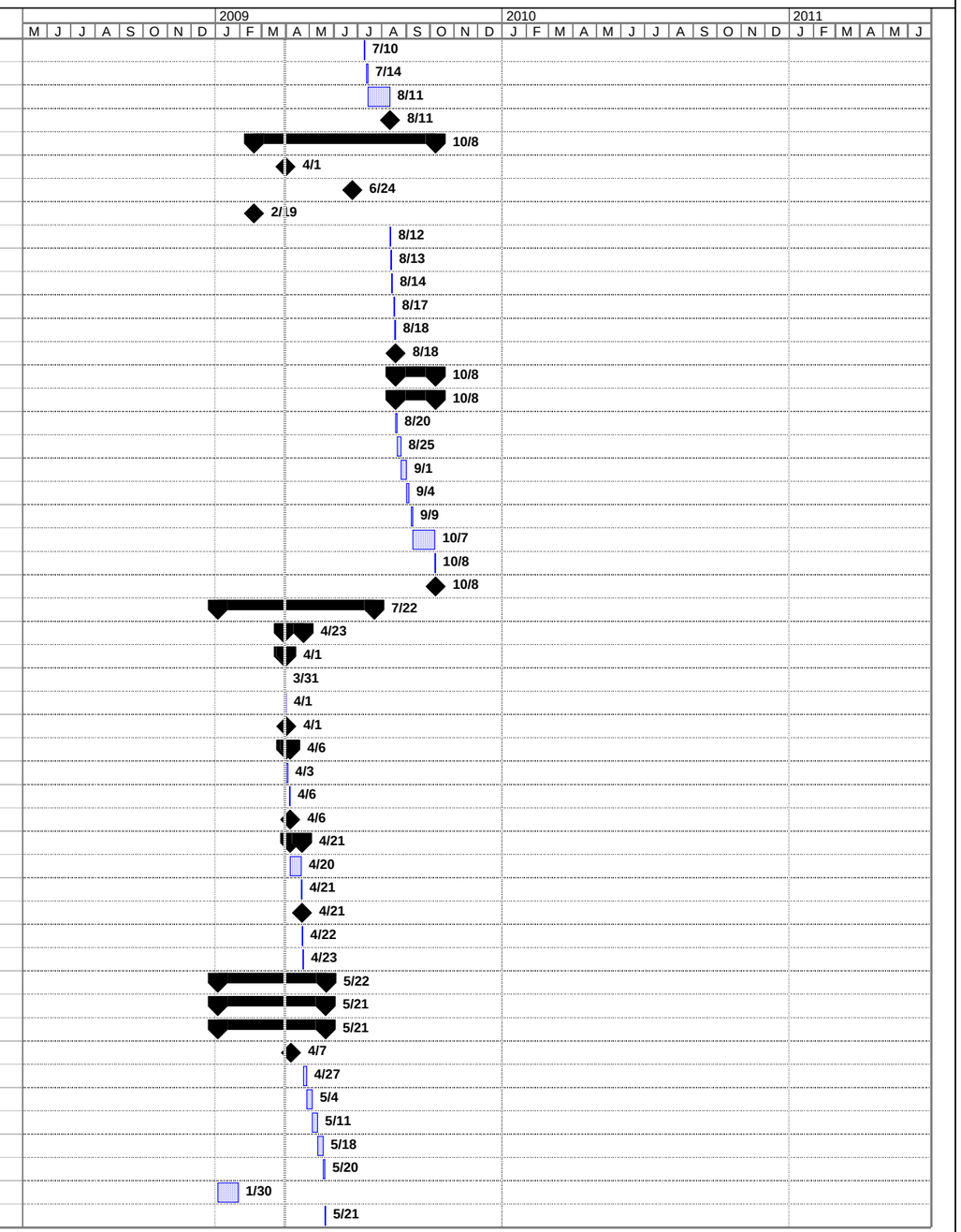
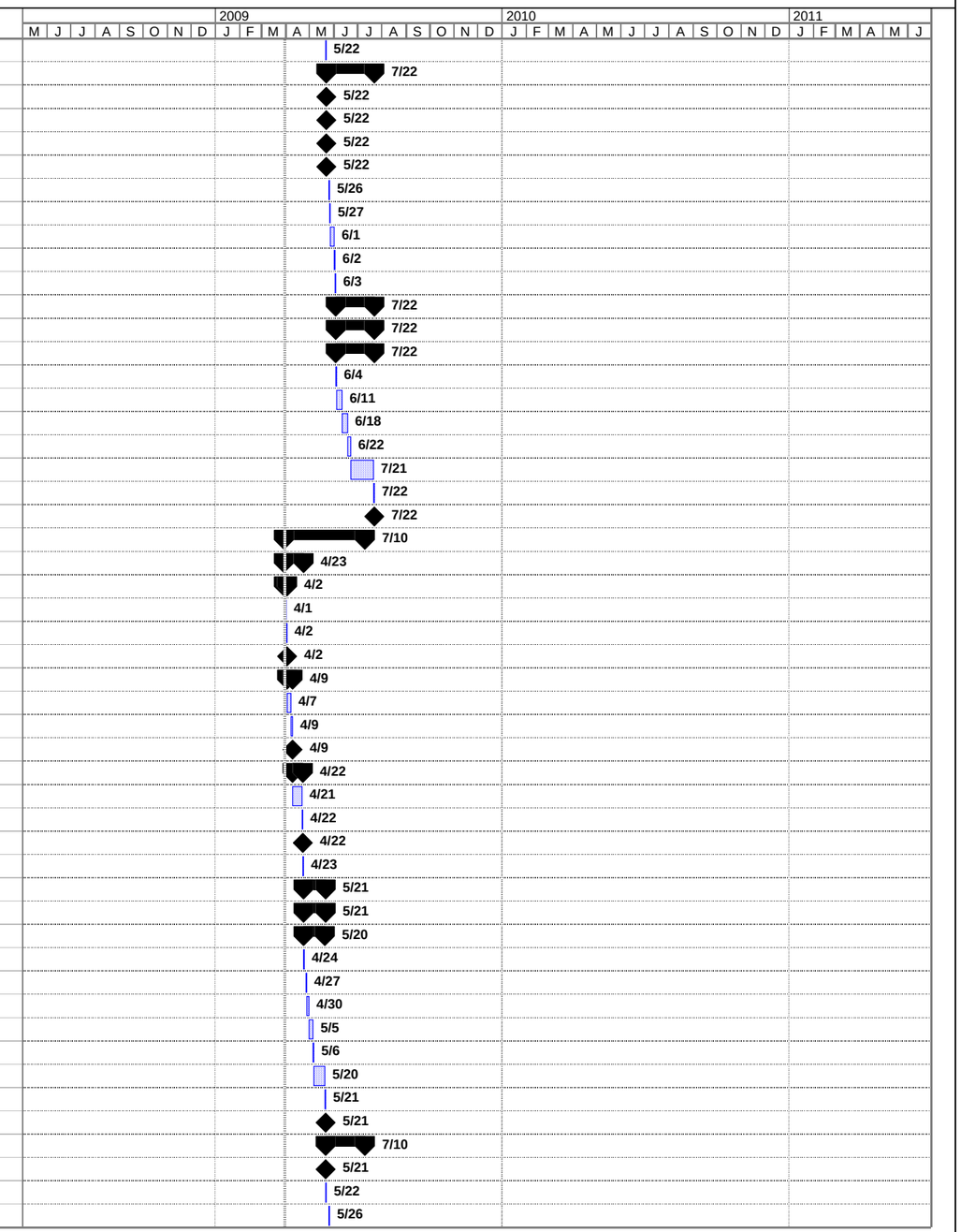
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2010	CRR	Log CMM FAT defect (if necessary)	1 day	0%	Fri 7/10/09	Fri 7/10/09
2011	CRR	Repair & Verify Defect Fixes	2 days	0%	Mon 7/13/09	Tue 7/14/09
2012	CRR	CMM (ACL) Interface Test Completed	20 days	0%	Wed 7/15/09	Tue 8/11/09
2013	CRR	CMM=>CRR FAT Test Execution Completed	0 days	0%	Tue 8/11/09	Tue 8/11/09
2014	**CRR**	**Migrate CMM=>CRR to iTest**	**162 days**	**0%**	**Thu 2/19/09**	**Thu 10/8/09**
2015	CRR	iTest Environment availabiltiy	0 days	0%	Wed 4/1/09	Wed 4/1/09
2016	CRR	CMM 4.2 Is available in iTest environment	0 days	0%	Wed 6/24/09	Wed 6/24/09
2017	CRR	EIP Adaptor Avaialable in iTest	0 days	0%	Thu 2/19/09	Thu 2/19/09
2018	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 8/12/09	Wed 8/12/09
2019	CRR	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 8/13/09	Thu 8/13/09
2020	CRR	Review CMM=>CRR Test Plans, Cases & Scripts	1 day	0%	Fri 8/14/09	Fri 8/14/09
2021	CRR	Modify CMM=>CRR Test Plans, Cases & Scripts (if necessary)	1 day	0%	Mon 8/17/09	Mon 8/17/09
2022	CRR	Approve CMM=>CRR Test Plans, Cases & Scripts	1 day	0%	Tue 8/18/09	Tue 8/18/09
2023	CRR	CMM=>CRR Interface Ready for iTest	0 days	0%	Tue 8/18/09	Tue 8/18/09
2024	**CRR**	**Execute CMM=>CRR Integration Test**	**36 days**	**0%**	**Wed 8/19/09**	**Thu 10/8/09**
2025	**CRR**	**iTEST ACL Interface**	**36 days**	**0%**	**Wed 8/19/09**	**Thu 10/8/09**
2026	CRR	CMM - generate data file	2 days	0%	Wed 8/19/09	Thu 8/20/09
2027	CRR	EIP - transport CMM data file to CRR repository	3 days	0%	Fri 8/21/09	Tue 8/25/09
2028	CRR	CRR - receive & process CMM data file	5 days	0%	Wed 8/26/09	Tue 9/1/09
2029	CRR	CRR - Verify CMM iTest data load and update successful	3 days	0%	Wed 9/2/09	Fri 9/4/09
2030	CRR	Log CMM iTest defect (if necessary)	2 days	0%	Tue 9/8/09	Wed 9/9/09
2031	CRR	Repair & Verify Defect Fixes	20 days	0%	Thu 9/10/09	Wed 10/7/09
2032	CRR	CMM (ACL Info) Integration Test Completed	1 day	0%	Thu 10/8/09	Thu 10/8/09
2033	CRR	CMM=>CRR iTest Test Execution Completed	0 days	0%	Thu 10/8/09	Thu 10/8/09
2034	**CRR**	**NMMS to CRR - 2 Interfaces**	**141 days**	**0%**	**Mon 1/5/09**	**Wed 7/22/09**
2035	**CRR**	**Develop NMMS=>CRR Test Plans, Cases & Scripts**	**19 days**	**0%**	**Mon 3/30/09**	**Thu 4/23/09**
2036	**CRR**	**Create NMMS=>CRR Test Plan**	**3 days**	**0%**	**Mon 3/30/09**	**Wed 4/1/09**
2037	CRR	Create & Update Test Plan	2 days	0%	Mon 3/30/09	Tue 3/31/09
2038	CRR	Review & Approve Test Plan	1 day	0%	Wed 4/1/09	Wed 4/1/09
2039	CRR	Test Plan Completed	0 days	0%	Wed 4/1/09	Wed 4/1/09
2040	**CRR**	**Create NMMS=>CRR Test Cases**	**3 days**	**0%**	**Thu 4/2/09**	**Mon 4/6/09**
2041	CRR	Create NMMS=>CRR Test Cases	2 days	0%	Thu 4/2/09	Fri 4/3/09
2042	CRR	Review & Approve Test Cases	1 day	0%	Mon 4/6/09	Mon 4/6/09
2043	CRR	Test Cases Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
2044	**CRR**	**Create NMMS=>CRR Scripts**	**11 days**	**0%**	**Tue 4/7/09**	**Tue 4/21/09**
2045	CRR	Create NMMS=>CRR Test Scripts	10 days	0%	Tue 4/7/09	Mon 4/20/09
2046	CRR	Review & Approve Test Scripts	1 day	0%	Tue 4/21/09	Tue 4/21/09
2047	CRR	Test Scripts Completed	0 days	0%	Tue 4/21/09	Tue 4/21/09
2048	CRR	Submit NMMS=>CRR MMCR for Test Plans, Cases & Scripts	1 day	0%	Wed 4/22/09	Wed 4/22/09
2049	CRR	Migrate NMMS=>CRR to FAT	1 day	0%	Thu 4/23/09	Thu 4/23/09
2050	**CRR**	**Execute NMMS=>CRR Interface Tests**	**100 days**	**0%**	**Mon 1/5/09**	**Fri 5/22/09**
2051	**CRR**	**FAT Interface**	**99 days**	**0%**	**Mon 1/5/09**	**Thu 5/21/09**
2052	**CRR**	**Receive file from NMMS (Full and Incremental (if applicable))**	**99 days**	**0%**	**Mon 1/5/09**	**Thu 5/21/09**
2053	CRR	NMMS version 6 available in FAT	0 days	0%	Tue 4/7/09	Tue 4/7/09
2054	CRR	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Fri 4/24/09	Mon 4/27/09
2055	CRR	Analyze data processing of full and incremental (if necessary) data files for correctness	5 days	0%	Tue 4/28/09	Mon 5/4/09
2056	CRR	Load file from NMMS into CRR	5 days	0%	Tue 5/5/09	Mon 5/11/09
2057	CRR	Verify NMMS FAT data load and update successful	5 days	0%	Tue 5/12/09	Mon 5/18/09
2058	CRR	Log NMMS FAT defect (if necessary)	2 days	0%	Tue 5/19/09	Wed 5/20/09
2059	CRR	Repair & Verify Defect Fixes	20 days	0%	Mon 1/5/09	Fri 1/30/09
2060	CRR	NMMS Interface Test Completed	1 day	0%	Thu 5/21/09	Thu 5/21/09



Project: Nodal Program
Date: Mon 3/30/09

Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2061	CRR	NMMS=>CRR FAT Test Execution Completed	1 day	0%	Fri 5/22/09	Fri 5/22/09
2062	**CRR**	**Migrate NMMS=>CRR to iTest**	**41 days**	**0%**	**Fri 5/22/09**	**Wed 7/22/09**
2063	CRR	iTest Environment availabiltiy	0 days	0%	Fri 5/22/09	Fri 5/22/09
2064	CRR	NMMS version 6 available in FAT	0 days	0%	Fri 5/22/09	Fri 5/22/09
2065	CRR	EIP Adaptor Available in iTest	0 days	0%	Fri 5/22/09	Fri 5/22/09
2066	CRR	Perform Migration to ITEST (Core Project)	0 days	0%	Fri 5/22/09	Fri 5/22/09
2067	CRR	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Tue 5/26/09	Tue 5/26/09
2068	CRR	Review NMMS=>CRR Test Plans, Cases & Scripts	1 day	0%	Wed 5/27/09	Wed 5/27/09
2069	CRR	Modify NMMS=>CRR Test Plans, Cases & Scripts (if necessary)	3 days	0%	Thu 5/28/09	Mon 6/1/09
2070	CRR	Approve NMMS=>CRR Test Plans, Cases & Scripts	1 day	0%	Tue 6/2/09	Tue 6/2/09
2071	CRR	NMMS=>CRR Interface Ready for iTest	1 day	0%	Wed 6/3/09	Wed 6/3/09
2072	**CRR**	**Execute NMMS=>CRR Integration Test**	**34 days**	**0%**	**Thu 6/4/09**	**Wed 7/22/09**
2073	**CRR**	**iTEST Interface Info**	**34 days**	**0%**	**Thu 6/4/09**	**Wed 7/22/09**
2074	**CRR**	**NMMS - generate data file**	**34 days**	**0%**	**Thu 6/4/09**	**Wed 7/22/09**
2075	CRR	EIP - transport NMMS data file to CRR repository	1 day	0%	Thu 6/4/09	Thu 6/4/09
2076	CRR	CRR - receive & process NMMS data file	5 days	0%	Fri 6/5/09	Thu 6/11/09
2077	CRR	CRR - Verify NMMS iTest data load and update successful	5 days	0%	Fri 6/12/09	Thu 6/18/09
2078	CRR	Log NMMS iTest defect (if necessary)	2 days	0%	Fri 6/19/09	Mon 6/22/09
2079	CRR	Repair & Verify Defect Fixes	20 days	0%	Tue 6/23/09	Tue 7/21/09
2080	CRR	NMMS Integration Test Completed	1 day	0%	Wed 7/22/09	Wed 7/22/09
2081	CRR	NMMS=>CRR iTest Test Execution Completed	0 days	0%	Wed 7/22/09	Wed 7/22/09
2082	**CRR**	**Planning and Operations to CRR - Non Termal Constraints**	**73 days**	**0%**	**Mon 3/30/09**	**Fri 7/10/09**
2083	**CRR**	**Develop Planning and Operations=>CRR Test Plans, Cases & Scripts**	**19 days**	**0%**	**Mon 3/30/09**	**Thu 4/23/09**
2084	**CRR**	**Create Planning and Operations=>CRR Test Plan**	**4 days**	**0%**	**Mon 3/30/09**	**Thu 4/2/09**
2085	CRR	Create & Update Test Plan	3 days	0%	Mon 3/30/09	Wed 4/1/09
2086	CRR	Review & Approve Test Plan	1 day	0%	Thu 4/2/09	Thu 4/2/09
2087	CRR	Test Plan Completed	0 days	0%	Thu 4/2/09	Thu 4/2/09
2088	**CRR**	**Create Planning and Operations=>CRR Test Cases**	**5 days**	**0%**	**Fri 4/3/09**	**Thu 4/9/09**
2089	CRR	Create & Update Test Case	3 days	0%	Fri 4/3/09	Tue 4/7/09
2090	CRR	Review & Approve Test Cases	2 days	0%	Wed 4/8/09	Thu 4/9/09
2091	CRR	Test Cases Completed	0 days	0%	Thu 4/9/09	Thu 4/9/09
2092	**CRR**	**Create Planning and Operations=>CRR Scripts**	**9 days**	**0%**	**Fri 4/10/09**	**Wed 4/22/09**
2093	CRR	Create Planning=>CRR Test Scripts	8 days	0%	Fri 4/10/09	Tue 4/21/09
2094	CRR	Review & Approve Test Scripts	1 day	0%	Wed 4/22/09	Wed 4/22/09
2095	CRR	Test Scripts Completed	0 days	0%	Wed 4/22/09	Wed 4/22/09
2096	CRR	Submit Planning and Operations=>CRR MMCR for Test Plans, Cases & Scripts	1 day	0%	Thu 4/23/09	Thu 4/23/09
2097	**CRR**	**Migrate Planning and Operations=>CRR to FAT**	**20 days**	**0%**	**Fri 4/24/09**	**Thu 5/21/09**
2098	**CRR**	**Execute Planning and Operations=>CRR Interface Tests**	**20 days**	**0%**	**Fri 4/24/09**	**Thu 5/21/09**
2099	**CRR**	**FAT Interface**	**19 days**	**0%**	**Fri 4/24/09**	**Wed 5/20/09**
2100	CRR	Receive file from Planning and Operations (Full and Incremental (if applicable))	1 day	0%	Fri 4/24/09	Fri 4/24/09
2101	CRR	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Mon 4/27/09	Mon 4/27/09
2102	CRR	Load file from Planning and Operations into CRR	3 days	0%	Tue 4/28/09	Thu 4/30/09
2103	CRR	Verify Planning and Operations FAT data load and update successful	3 days	0%	Fri 5/1/09	Tue 5/5/09
2104	CRR	Log Planning and Operations FAT defect (if necessary)	1 day	0%	Wed 5/6/09	Wed 5/6/09
2105	CRR	Repair & Verify Defect Fixes	10 days	0%	Thu 5/7/09	Wed 5/20/09
2106	CRR	Planning and Operations (Non Thermal Constraints) Interface Test Completed	1 day	0%	Thu 5/21/09	Thu 5/21/09
2107	CRR	Planning and Operations=>CRR FAT Test Execution Completed	0 days	0%	Thu 5/21/09	Thu 5/21/09
2108	**CRR**	**Migrate Planning and Operations=>CRR to iTest**	**34 days**	**0%**	**Thu 5/21/09**	**Fri 7/10/09**
2109	CRR	iTest Environment availabiltiy	0 days	0%	Thu 5/21/09	Thu 5/21/09
2110	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 5/22/09	Fri 5/22/09
2111	CRR	Review Planning and Operations=>CRR Test Plans, Cases & Scripts	1 day	0%	Tue 5/26/09	Tue 5/26/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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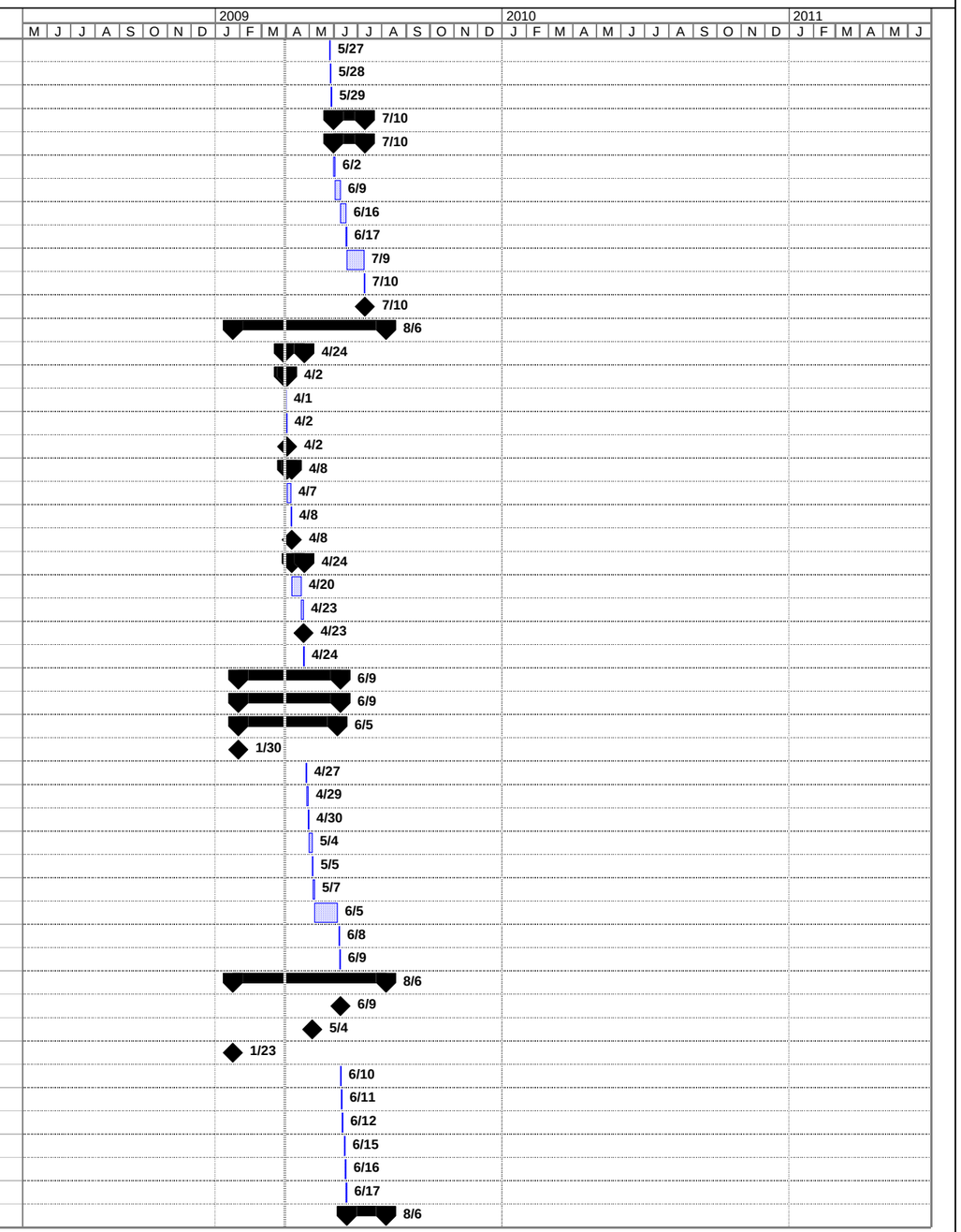
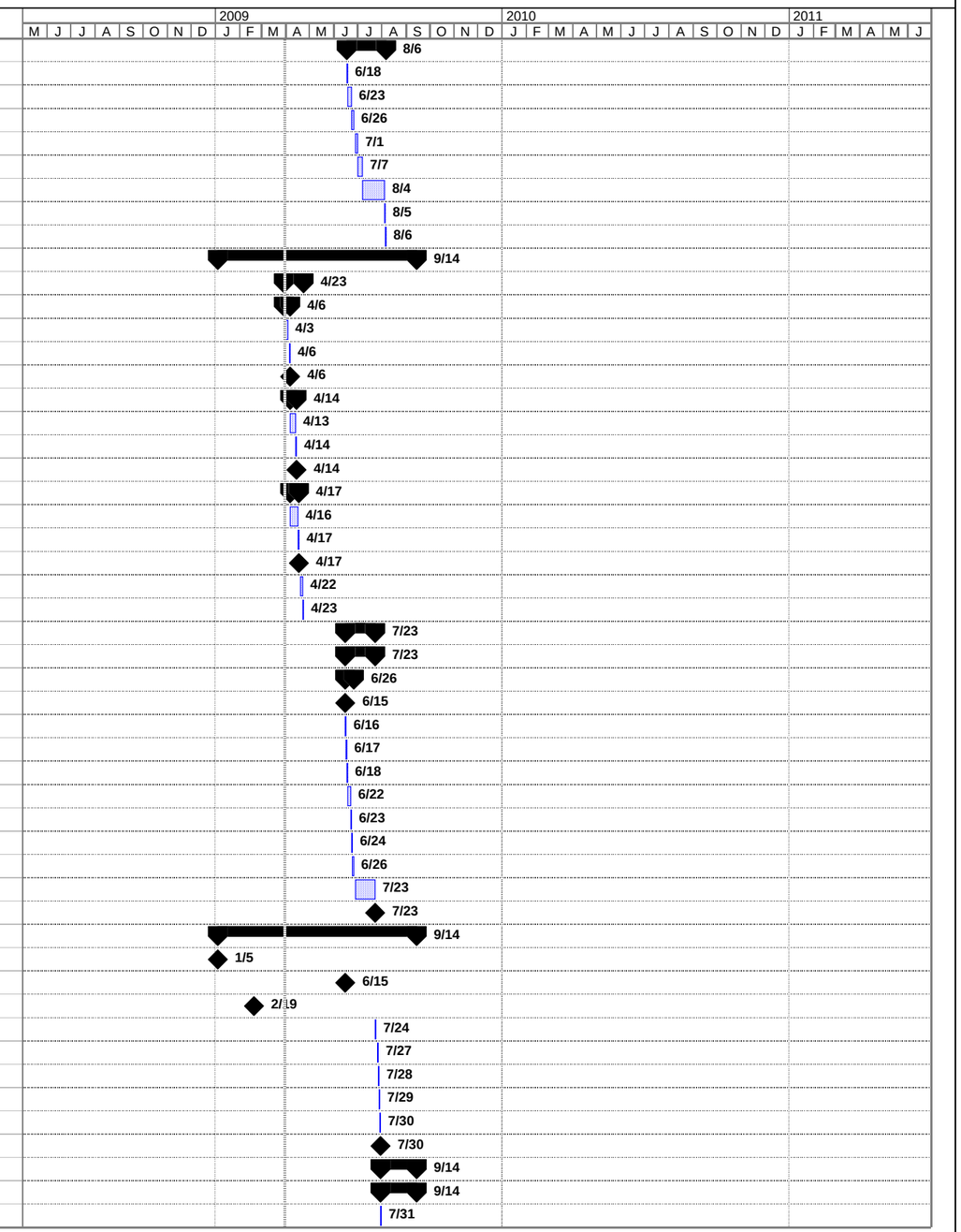
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2112	CRR	Modify Planning and Operations=>CRR Test Plans, Cases & Scripts (if necessary)	1 day	0%	Wed 5/27/09	Wed 5/27/09
2113	CRR	Approve Planning and Operations=>CRR Test Plans, Cases & Scripts	1 day	0%	Thu 5/28/09	Thu 5/28/09
2114	CRR	Planning and Operations=>CRR Interface Ready for iTest	1 day	0%	Fri 5/29/09	Fri 5/29/09
2115	**CRR**	**Execute Planning and Operations=>CRR Integration Test**	**29 days**	**0%**	**Mon 6/1/09**	**Fri 7/10/09**
2116	**CRR**	**iTEST Interface Info**	**29 days**	**0%**	**Mon 6/1/09**	**Fri 7/10/09**
2117	CRR	Planning and Operations - generate data file	2 days	0%	Mon 6/1/09	Tue 6/2/09
2118	CRR	CRR - receive & process Planning and Operations data file	5 days	0%	Wed 6/3/09	Tue 6/9/09
2119	CRR	CRR - Verify Planning and Operations iTest data load and update successful	5 days	0%	Wed 6/10/09	Tue 6/16/09
2120	CRR	Log Planning and Operations iTest defect (if necessary)	1 day	0%	Wed 6/17/09	Wed 6/17/09
2121	CRR	Repair & Verify Defect Fixes	15 days	0%	Thu 6/18/09	Thu 7/9/09
2122	CRR	Planning and Operations (Automated Interface) Integration Test Completed	1 day	0%	Fri 7/10/09	Fri 7/10/09
2123	CRR	Planning and Operations=>CRR iTest Test Execution Completed	0 days	0%	Fri 7/10/09	Fri 7/10/09
2124	**CRR**	**SB to CRR**	**137 days**	**0%**	**Fri 1/23/09**	**Thu 8/6/09**
2125	**CRR**	**Develop SB=>CRR Test Plans, Cases & Scripts**	**20 days**	**0%**	**Mon 3/30/09**	**Fri 4/24/09**
2126	**CRR**	**Create SB=>CRR Test Plan**	**4 days**	**0%**	**Mon 3/30/09**	**Thu 4/2/09**
2127	CRR	Create & Update Test Plan	3 days	0%	Mon 3/30/09	Wed 4/1/09
2128	CRR	Review & Approve Test Plan	1 day	0%	Thu 4/2/09	Thu 4/2/09
2129	CRR	Test Plan Completed	0 days	0%	Thu 4/2/09	Thu 4/2/09
2130	**CRR**	**Create SB=>CRR Test Cases**	**4 days**	**0%**	**Fri 4/3/09**	**Wed 4/8/09**
2131	CRR	Create & Update Test Case	3 days	0%	Fri 4/3/09	Tue 4/7/09
2132	CRR	Review & Approve Test Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
2133	CRR	Test Cases Completed	0 days	0%	Wed 4/8/09	Wed 4/8/09
2134	**CRR**	**Create SB=>CRR Scripts**	**12 days**	**0%**	**Thu 4/9/09**	**Fri 4/24/09**
2135	CRR	Create SB=>CRR Test Scripts	8 days	0%	Thu 4/9/09	Mon 4/20/09
2136	CRR	Review & Approve Test Scripts	3 days	0%	Tue 4/21/09	Thu 4/23/09
2137	CRR	Test Scripts Completed	0 days	0%	Thu 4/23/09	Thu 4/23/09
2138	CRR	Submit SB=>CRR MMCR for Test Plans, Cases & Scripts	1 day	0%	Fri 4/24/09	Fri 4/24/09
2139	**CRR**	**Migrate SB=>CRR to FAT**	**91 days**	**0%**	**Fri 1/30/09**	**Tue 6/9/09**
2140	**CRR**	**Execute SB=>CRR Interface Tests**	**91 days**	**0%**	**Fri 1/30/09**	**Tue 6/9/09**
2141	**CRR**	**FAT Interface**	**89 days**	**0%**	**Fri 1/30/09**	**Fri 6/5/09**
2142	CRR	CSI Version 5 Available in FAT environemnt	0 days	100%	Fri 1/30/09	Fri 1/30/09
2143	CRR	Receive file from SB (Full and Incremental (if applicable))	1 day	0%	Mon 4/27/09	Mon 4/27/09
2144	CRR	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	2 days	0%	Tue 4/28/09	Wed 4/29/09
2145	CRR	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Thu 4/30/09	Thu 4/30/09
2146	CRR	Load file from SB into CRR	2 days	0%	Fri 5/1/09	Mon 5/4/09
2147	CRR	Verify SB FAT data load and update successful	1 day	0%	Tue 5/5/09	Tue 5/5/09
2148	CRR	Log SB FAT defect (if necessary)	2 days	0%	Wed 5/6/09	Thu 5/7/09
2149	CRR	Repair & Verify Defect Fixes	20 days	0%	Fri 5/8/09	Fri 6/5/09
2150	CRR	SB Interface Test Completed	1 day	0%	Mon 6/8/09	Mon 6/8/09
2151	CRR	SB=>CRR FAT Test Execution Completed	1 day	0%	Tue 6/9/09	Tue 6/9/09
2152	**CRR**	**Migrate SB=>CRR to iTest**	**137 days**	**0%**	**Fri 1/23/09**	**Thu 8/6/09**
2153	CRR	iTest Environment availabiltiy	0 days	0%	Tue 6/9/09	Tue 6/9/09
2154	CRR	CSI Version 5 Available in iTest environment	0 days	0%	Mon 5/4/09	Mon 5/4/09
2155	CRR	EIP Adaptor Available in iTest	0 days	0%	Fri 1/23/09	Fri 1/23/09
2156	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Wed 6/10/09	Wed 6/10/09
2157	CRR	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Thu 6/11/09	Thu 6/11/09
2158	CRR	Review SB=>CRR Test Plans, Cases & Scripts	1 day	0%	Fri 6/12/09	Fri 6/12/09
2159	CRR	Modify SB=>CRR Test Plans, Cases & Scripts (if necessary)	1 day	0%	Mon 6/15/09	Mon 6/15/09
2160	CRR	Approve SB=>CRR Test Plans, Cases & Scripts	1 day	0%	Tue 6/16/09	Tue 6/16/09
2161	CRR	SB=>CRR Interface Ready for iTest	1 day	0%	Wed 6/17/09	Wed 6/17/09
2162	**CRR**	**Execute SB=>CRR Integration Test**	**35 days**	**0%**	**Thu 6/18/09**	**Thu 8/6/09**



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2163	**CRR**	**iTEST Interface Info**	**35 days**	**0%**	**Thu 6/18/09**	**Thu 8/6/09**
2164	CRR	SB - generate data file	1 day	0%	Thu 6/18/09	Thu 6/18/09
2165	CRR	EIP - transport SB data file to CRR repository	3 days	0%	Fri 6/19/09	Tue 6/23/09
2166	CRR	CRR - receive & process SB data file	3 days	0%	Wed 6/24/09	Fri 6/26/09
2167	CRR	CRR - Verify SB iTest data load and update successful	3 days	0%	Mon 6/29/09	Wed 7/1/09
2168	CRR	Log SB iTest defect (if necessary)	3 days	0%	Thu 7/2/09	Tue 7/7/09
2169	CRR	Repair & Verify Defect Fixes	20 days	0%	Wed 7/8/09	Tue 8/4/09
2170	CRR	SB Integration Test Completed	1 day	0%	Wed 8/5/09	Wed 8/5/09
2171	CRR	SB=>CRR iTest Test Execution Completed	1 day	0%	Thu 8/6/09	Thu 8/6/09
2172	**CRR**	**CMM to CRR - Bilateral Market Interface**	**178 days**	**0%**	**Mon 1/5/09**	**Mon 9/14/09**
2173	**CRR**	**Develop CMM=>CRR Test Plans, Cases & Scripts**	**19 days**	**0%**	**Mon 3/30/09**	**Thu 4/23/09**
2174	**CRR**	**Create CMM=>CRR Test Plan**	**6 days**	**0%**	**Mon 3/30/09**	**Mon 4/6/09**
2175	CRR	Create & Update Test Plan	5 days	0%	Mon 3/30/09	Fri 4/3/09
2176	CRR	Review & Approve Test Plan	1 day	0%	Mon 4/6/09	Mon 4/6/09
2177	CRR	Test Plan Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
2178	**CRR**	**Create CMM=>CRR Test Cases**	**6 days**	**0%**	**Tue 4/7/09**	**Tue 4/14/09**
2179	CRR	Create CMM=>CRR Test Cases	5 days	0%	Tue 4/7/09	Mon 4/13/09
2180	CRR	Review & Approve Test Cases	1 day	0%	Tue 4/14/09	Tue 4/14/09
2181	CRR	Test Cases Completed	0 days	0%	Tue 4/14/09	Tue 4/14/09
2182	**CRR**	**Create CMM=>CRR Scripts**	**9 days**	**0%**	**Tue 4/7/09**	**Fri 4/17/09**
2183	CRR	Create CMM=>CRR Test Scripts	8 days	0%	Tue 4/7/09	Thu 4/16/09
2184	CRR	Review & Approve Test Scripts	1 day	0%	Fri 4/17/09	Fri 4/17/09
2185	CRR	Test Scripts Completed	0 days	0%	Fri 4/17/09	Fri 4/17/09
2186	CRR	Create MMCR for CMM=>CRR Test Plans, Cases & Scripts	3 days	0%	Mon 4/20/09	Wed 4/22/09
2187	CRR	Submit CMM=>CRR MMCR for Test Plans, Cases & Scripts	1 day	0%	Thu 4/23/09	Thu 4/23/09
2188	**CRR**	**Migrate CMM=>CRR to FAT**	**27 days**	**0%**	**Mon 6/15/09**	**Thu 7/23/09**
2189	**CRR**	**Execute CMM=>CRR Interface Tests**	**27 days**	**0%**	**Mon 6/15/09**	**Thu 7/23/09**
2190	**CRR**	**FAT ACL Interface**	**9 days**	**0%**	**Mon 6/15/09**	**Fri 6/26/09**
2191	CRR	CMM 4.1 is avaialble in the FAT environment	0 days	0%	Mon 6/15/09	Mon 6/15/09
2192	CRR	Receive file from CMM (Full and Incremental (if applicable))	1 day	0%	Tue 6/16/09	Tue 6/16/09
2193	CRR	Analyze data for Compatibility (e.g. string length, valid static data-QSE name)	1 day	0%	Wed 6/17/09	Wed 6/17/09
2194	CRR	Analyze data processing of full and incremental (if necessary) data files for correctness	1 day	0%	Thu 6/18/09	Thu 6/18/09
2195	CRR	Load file from CMM into CRR	2 days	0%	Fri 6/19/09	Mon 6/22/09
2196	CRR	Verify CMM FAT data load and update successful	1 day	0%	Tue 6/23/09	Tue 6/23/09
2197	CRR	Log CMM FAT defect (if necessary)	1 day	0%	Wed 6/24/09	Wed 6/24/09
2198	CRR	Repair & Verify Defect Fixes	2 days	0%	Thu 6/25/09	Fri 6/26/09
2199	CRR	CMM (ACL) Interface Test Completed	18 days	0%	Mon 6/29/09	Thu 7/23/09
2200	CRR	CMM=>CRR FAT Test Execution Completed	0 days	0%	Thu 7/23/09	Thu 7/23/09
2201	**CRR**	**Migrate CMM=>CRR to iTest**	**178 days**	**0%**	**Mon 1/5/09**	**Mon 9/14/09**
2202	CRR	iTest Environment availabiltiy	0 days	0%	Mon 1/5/09	Mon 1/5/09
2203	CRR	CMM 4.1 Is available in iTest environment	0 days	0%	Mon 6/15/09	Mon 6/15/09
2204	CRR	EIP Adaptor available in iTest	0 days	100%	Thu 2/19/09	Thu 2/19/09
2205	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 7/24/09	Fri 7/24/09
2206	CRR	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 7/27/09	Mon 7/27/09
2207	CRR	Review CMM=>CRR Test Plans, Cases & Scripts	1 day	0%	Tue 7/28/09	Tue 7/28/09
2208	CRR	Modify CMM=>CRR Test Plans, Cases & Scripts (if necessary)	1 day	0%	Wed 7/29/09	Wed 7/29/09
2209	CRR	Approve CMM=>CRR Test Plans, Cases & Scripts	1 day	0%	Thu 7/30/09	Thu 7/30/09
2210	CRR	CMM=>CRR Interface Ready for iTest	0 days	0%	Thu 7/30/09	Thu 7/30/09
2211	**CRR**	**Execute CMM=>CRR Integration Test**	**31 days**	**0%**	**Fri 7/31/09**	**Mon 9/14/09**
2212	**CRR**	**iTEST ACL Interface**	**31 days**	**0%**	**Fri 7/31/09**	**Mon 9/14/09**
2213	CRR	CMM - generate data file	1 day	0%	Fri 7/31/09	Fri 7/31/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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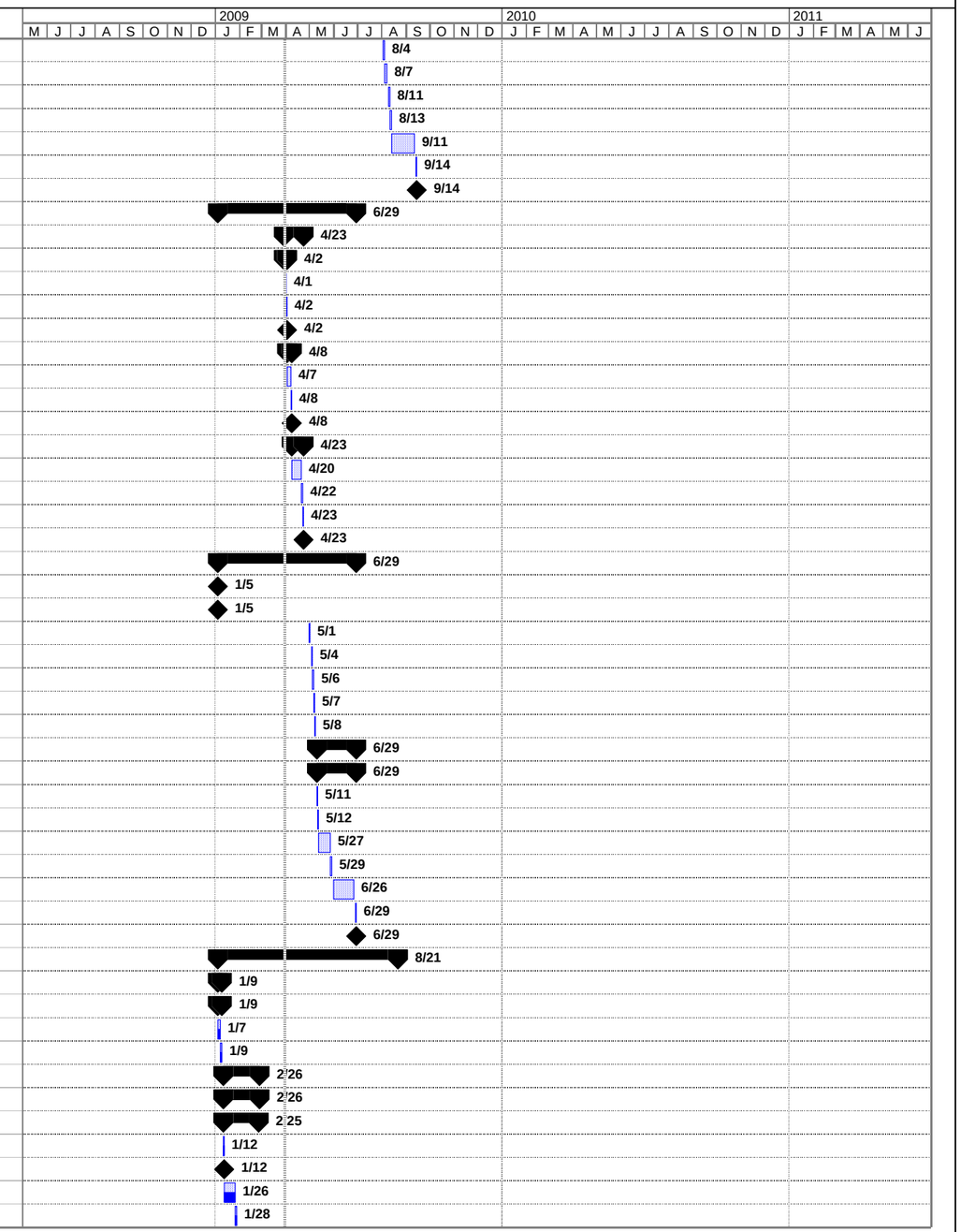
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2214	CRR	EIP - transport CMM data file to CRR repository	2 days	0%	Mon 8/3/09	Tue 8/4/09
2215	CRR	CRR - receive & process CMM data file	3 days	0%	Wed 8/5/09	Fri 8/7/09
2216	CRR	CRR - Verify CMM iTest data load and update successful	2 days	0%	Mon 8/10/09	Tue 8/11/09
2217	CRR	Log CMM iTest defect (if necessary)	2 days	0%	Wed 8/12/09	Thu 8/13/09
2218	CRR	Repair & Verify Defect Fixes	20 days	0%	Fri 8/14/09	Fri 9/11/09
2219	CRR	CMM (ACL Info) Integration Test Completed	1 day	0%	Mon 9/14/09	Mon 9/14/09
2220	CRR	CMM=>CRR iTest Test Execution Completed	0 days	0%	Mon 9/14/09	Mon 9/14/09
2221	**CRR**	**MPIM to CRR**	**125 days**	**0%**	**Mon 1/5/09**	**Mon 6/29/09**
2222	**CRR**	**Develop MPIM=>CRR Test Plans, Cases & Scripts**	**19 days**	**0%**	**Mon 3/30/09**	**Thu 4/23/09**
2223	**CRR**	**Create CMM=>CRR Test Plan**	**4 days**	**0%**	**Mon 3/30/09**	**Thu 4/2/09**
2224	CRR	Create & Update Test Plan	3 days	0%	Mon 3/30/09	Wed 4/1/09
2225	CRR	Review & Approve Test Plan	1 day	0%	Thu 4/2/09	Thu 4/2/09
2226	CRR	Test Plan Completed	0 days	0%	Thu 4/2/09	Thu 4/2/09
2227	**CRR**	**Create CMM=>CRR Test Cases**	**4 days**	**0%**	**Fri 4/3/09**	**Wed 4/8/09**
2228	CRR	Create CMM=>CRR Test Cases	3 days	0%	Fri 4/3/09	Tue 4/7/09
2229	CRR	Review & Approve Test Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
2230	CRR	Test Cases Completed	0 days	0%	Wed 4/8/09	Wed 4/8/09
2231	**CRR**	**Create CMM=>CRR Scripts**	**11 days**	**0%**	**Thu 4/9/09**	**Thu 4/23/09**
2232	CRR	Create CMM=>CRR Test Scripts	8 days	0%	Thu 4/9/09	Mon 4/20/09
2233	CRR	Review & Approve Test Scripts	2 days	0%	Tue 4/21/09	Wed 4/22/09
2234	CRR	Test Scripts Completed	1 day	0%	Thu 4/23/09	Thu 4/23/09
2235	CRR	Test Scripts Completed	0 days	0%	Thu 4/23/09	Thu 4/23/09
2236	**CRR**	**MPIM=>CRR iTest Execution**	**125 days**	**0%**	**Mon 1/5/09**	**Mon 6/29/09**
2237	CRR	iTest Environment availabiltiy	0 days	0%	Mon 1/5/09	Mon 1/5/09
2238	CRR	Migrate MPIM=>CRR to iTest	0 days	0%	Mon 1/5/09	Mon 1/5/09
2239	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 5/1/09	Fri 5/1/09
2240	CRR	Perform Migration to iTest (adapters, reports, etc)	1 day	0%	Mon 5/4/09	Mon 5/4/09
2241	CRR	Review MPIM=>CRR Test Plans, Cases & Scripts	2 days	0%	Tue 5/5/09	Wed 5/6/09
2242	CRR	Modify MPIM=>CRR Test Plans, Cases & Scripts (if necessary)	1 day	0%	Thu 5/7/09	Thu 5/7/09
2243	CRR	Approve MPIM=>CRR Test Plans, Cases & Scripts	1 day	0%	Fri 5/8/09	Fri 5/8/09
2244	**CRR**	**MPIM=>CRR Interface Ready for iTest**	**35 days**	**0%**	**Mon 5/11/09**	**Mon 6/29/09**
2245	**CRR**	**Execute MPIM=>CRR Integration Test**	**35 days**	**0%**	**Mon 5/11/09**	**Mon 6/29/09**
2246	CRR	Receive File from MPIM	1 day	0%	Mon 5/11/09	Mon 5/11/09
2247	CRR	Verify the data	1 day	0%	Tue 5/12/09	Tue 5/12/09
2248	CRR	OS - receive & process MPIM data file	10 days	0%	Wed 5/13/09	Wed 5/27/09
2249	CRR	OS - Verify MPIM iTest data load and update successful	2 days	0%	Thu 5/28/09	Fri 5/29/09
2250	CRR	Log MPIM iTest defect (if necessary)	20 days	0%	Mon 6/1/09	Fri 6/26/09
2251	CRR	Repair & Verify Defect Fixes	1 day	0%	Mon 6/29/09	Mon 6/29/09
2252	CRR	MPIM Integration Test Completed	0 days	0%	Mon 6/29/09	Mon 6/29/09
2253	**CRR**	**CRR to EDW**	**163 days**	**53%**	**Mon 1/5/09**	**Fri 8/21/09**
2254	**CRR**	**Develop CRR=> EDW Replication Requirements**	**5 days**	**100%**	**Mon 1/5/09**	**Fri 1/9/09**
2255	**CRR**	**Review and Approve CRR=> EDW Replication Requirements**	**5 days**	**100%**	**Mon 1/5/09**	**Fri 1/9/09**
2256	CRR	Review & Approve Replication Requirements	3 days	100%	Mon 1/5/09	Wed 1/7/09
2257	CRR	Replication Requirement Approval Completed	2 days	100%	Thu 1/8/09	Fri 1/9/09
2258	**CRR**	**CRR=>EDW to FAT**	**34 days**	**100%**	**Mon 1/12/09**	**Thu 2/26/09**
2259	**CRR**	**Execute CRR=> EDW Replication Interface Tests**	**34 days**	**100%**	**Mon 1/12/09**	**Thu 2/26/09**
2260	**CRR**	**FAT Replication Interface**	**33 days**	**100%**	**Mon 1/12/09**	**Wed 2/25/09**
2261	CRR	Verify CRR database sturcture with EDW replication requriements FAT data load and update successl	1 day	100%	Mon 1/12/09	Mon 1/12/09
2262	CRR	EDW Replication setup available	0 days	100%	Mon 1/12/09	Mon 1/12/09
2263	CRR	Test replication from CRR to EDW	10 days	100%	Tue 1/13/09	Mon 1/26/09
2264	CRR	Log FAT defect (if necessary)	2 days	100%	Tue 1/27/09	Wed 1/28/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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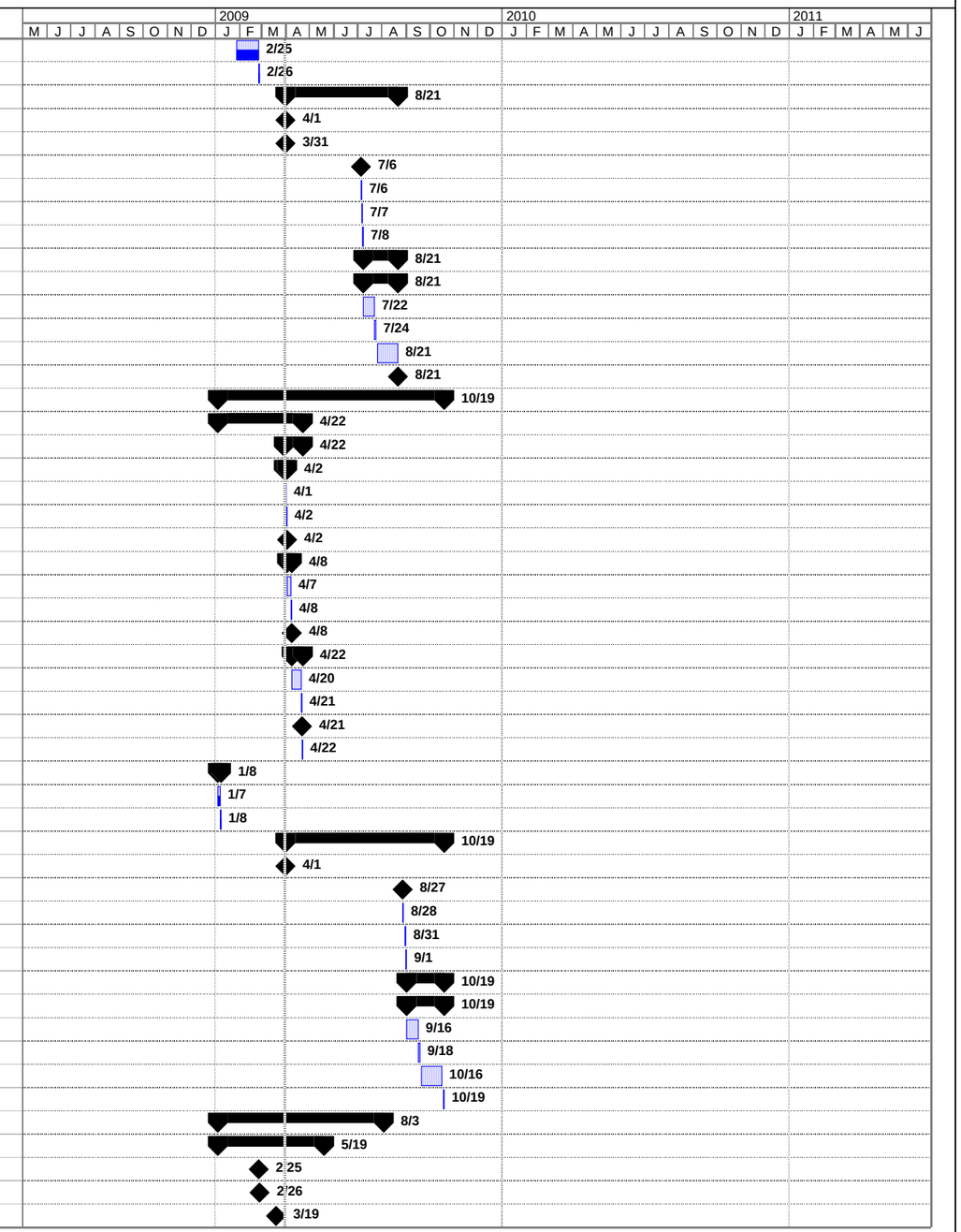
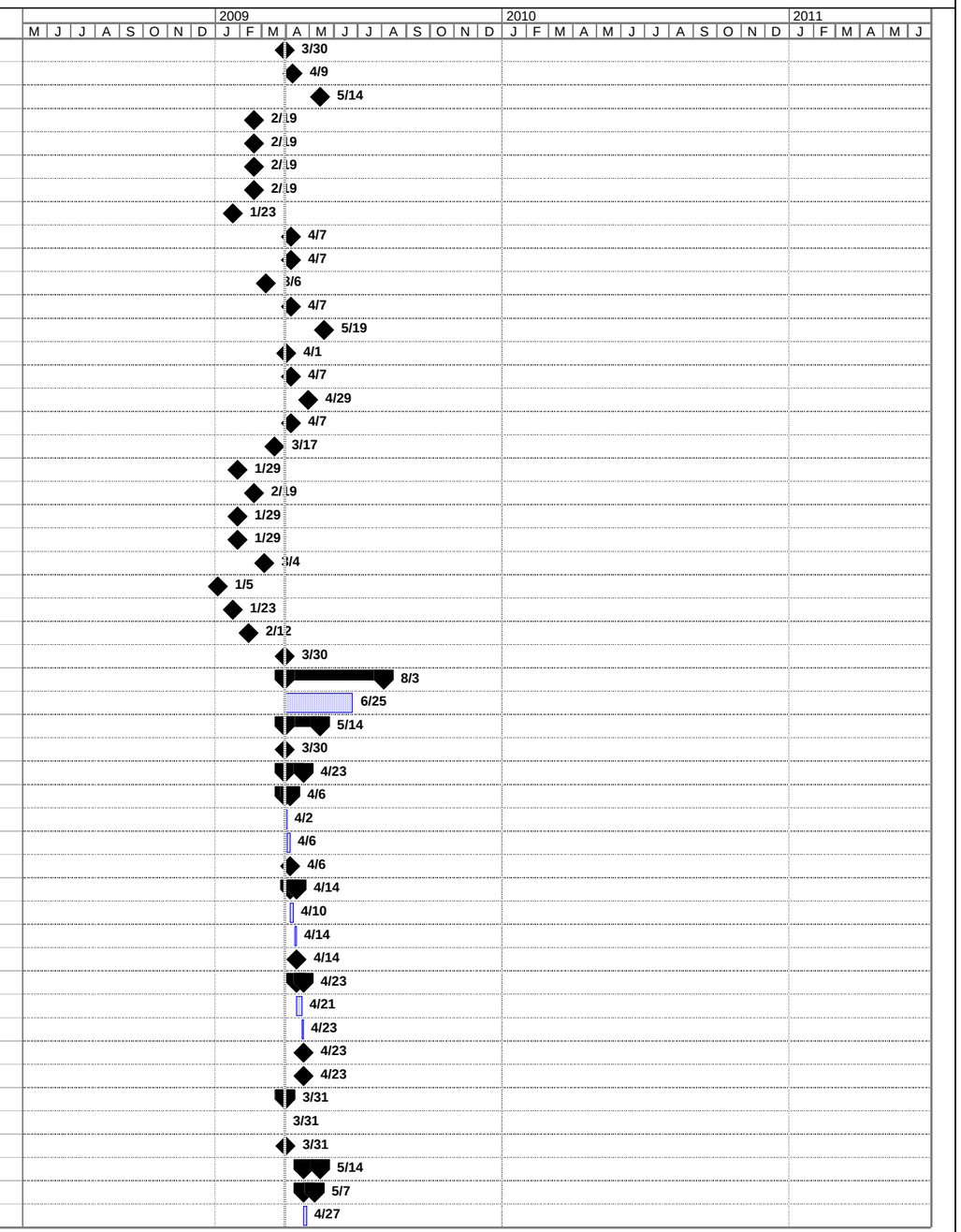
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2265	CRR	Repair & Verify Defect Fixes	20 days	100%	Thu 1/29/09	Wed 2/25/09
2266	CRR	CRR=>EDW Replication Test Execution Completed	1 day	100%	Thu 2/26/09	Thu 2/26/09
2267	**CRR**	**Migrate CRR=> EDW to iTest**	**101 days**	**0%**	**Tue 3/31/09**	**Fri 8/21/09**
2268	CRR	iTest Environment availabiltiy	0 days	0%	Wed 4/1/09	Wed 4/1/09
2270	CRR	EDW iTest Reresh Completed	0 days	0%	Tue 3/31/09	Tue 3/31/09
2271	CRR	EDW iTest Replication Setup Completed	0 days	0%	Mon 7/6/09	Mon 7/6/09
2272	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Mon 7/6/09	Mon 7/6/09
2273	CRR	Approve Replicaiton requirements (if necessary)	1 day	0%	Tue 7/7/09	Tue 7/7/09
2274	CRR	CRR => EDW Replication Interface Ready for iTest	1 day	0%	Wed 7/8/09	Wed 7/8/09
2275	**CRR**	**Execute CRR=> EDW Replication Integration Test**	**32 days**	**0%**	**Thu 7/9/09**	**Fri 8/21/09**
2276	**CRR**	**iTEST Interface Info**	**32 days**	**0%**	**Thu 7/9/09**	**Fri 8/21/09**
2277	CRR	Test replication from CRR to EDW	10 days	0%	Thu 7/9/09	Wed 7/22/09
2278	CRR	Log iTest defect (if necessary)	2 days	0%	Thu 7/23/09	Fri 7/24/09
2279	CRR	Repair & Verify Defect Fixes	20 days	0%	Mon 7/27/09	Fri 8/21/09
2280	CRR	CRR=>EDW iTest Replication Test Execution Completed	0 days	0%	Fri 8/21/09	Fri 8/21/09
2281	**CRR**	**CRR to MIS**	**203 days**	**7%**	**Mon 1/5/09**	**Mon 10/19/09**
2282	**CRR**	**Develop CRR=> MIS Posting Requirements**	**78 days**	**18%**	**Mon 1/5/09**	**Wed 4/22/09**
2283	**CRR**	**Develop Test Plans, Cases & Scripts**	**18 days**	**0%**	**Mon 3/30/09**	**Wed 4/22/09**
2284	**CRR**	**Create CRR Test Plan**	**4 days**	**0%**	**Mon 3/30/09**	**Thu 4/2/09**
2285	CRR	Create & Update Test Plan	3 days	0%	Mon 3/30/09	Wed 4/1/09
2286	CRR	Review & Approve Test Plan	1 day	0%	Thu 4/2/09	Thu 4/2/09
2287	CRR	Test Plan Completed	0 days	0%	Thu 4/2/09	Thu 4/2/09
2288	**CRR**	**Create CRR Test Cases**	**4 days**	**0%**	**Fri 4/3/09**	**Wed 4/8/09**
2289	CRR	Create & Update Test Case	3 days	0%	Fri 4/3/09	Tue 4/7/09
2290	CRR	Review & Approve Test Cases	1 day	0%	Wed 4/8/09	Wed 4/8/09
2291	CRR	Test Cases Completed	0 days	0%	Wed 4/8/09	Wed 4/8/09
2292	**CRR**	**Create CRR Scripts**	**10 days**	**0%**	**Thu 4/9/09**	**Wed 4/22/09**
2293	CRR	Create SB=>CRR Test Scripts	8 days	0%	Thu 4/9/09	Mon 4/20/09
2294	CRR	Review & Approve Test Scripts	1 day	0%	Tue 4/21/09	Tue 4/21/09
2295	CRR	Test Scripts Completed	0 days	0%	Tue 4/21/09	Tue 4/21/09
2296	CRR	Submit SB=>CRR MMCR for Test Plans, Cases & Scripts	1 day	0%	Wed 4/22/09	Wed 4/22/09
2297	**CRR**	**Review and Approve CRR=> MIS Posting Requirements**	**4 days**	**100%**	**Mon 1/5/09**	**Thu 1/8/09**
2298	CRR	Review & Approve Posting Requirements	3 days	100%	Mon 1/5/09	Wed 1/7/09
2299	CRR	Posting Requirement Approval Completed	1 day	100%	Thu 1/8/09	Thu 1/8/09
2300	**CRR**	**Migrate CRR Reports to iTest**	**141 days**	**0%**	**Wed 4/1/09**	**Mon 10/19/09**
2301	CRR	iTest Environment availabiltiy	0 days	0%	Wed 4/1/09	Wed 4/1/09
2302	CRR	MIS Build 12 available in iTest	0 days	0%	Thu 8/27/09	Thu 8/27/09
2303	CRR	Perform Migration to ITEST (Core Project)	1 day	0%	Fri 8/28/09	Fri 8/28/09
2304	CRR	Approve Posting requirements (if necessary)	1 day	0%	Mon 8/31/09	Mon 8/31/09
2305	CRR	CRR => MIS Posting Report Interface Ready for iTest	1 day	0%	Tue 9/1/09	Tue 9/1/09
2306	**CRR**	**Execute CRR => MIS Report Posting Integration Test**	**33 days**	**0%**	**Wed 9/2/09**	**Mon 10/19/09**
2307	**CRR**	**iTEST Interface Info**	**33 days**	**0%**	**Wed 9/2/09**	**Mon 10/19/09**
2308	CRR	Generate Reports and Post it in MIS	10 days	0%	Wed 9/2/09	Wed 9/16/09
2309	CRR	Log iTest defect (if necessary)	2 days	0%	Thu 9/17/09	Fri 9/18/09
2310	CRR	Repair & Verify Defect Fixes	20 days	0%	Mon 9/21/09	Fri 10/16/09
2311	CRR	CRR=>MIS iTest Report Posting Test Execution Completed	1 day	0%	Mon 10/19/09	Mon 10/19/09
2312	**EIP**	**EIP - Enterprise Integration Project**	**149 days**	**0%**	**Mon 1/5/09**	**Mon 8/3/09**
2313	**EIP**	**Receivables (Adapters)**	**97 days**	**0%**	**Mon 1/5/09**	**Tue 5/19/09**
2315	EIP	Receive Adapter: EIP.WS1.18.Enhancement.QA Test (MMS4 P7)	0 days	100%	Wed 2/25/09	Wed 2/25/09
2317	EIP	Receive Adapter: EIP.WS1.18B Delivery Completed	0 days	100%	Thu 2/26/09	Thu 2/26/09
2319	EIP	Receive Adapter: EIP.WS1.18C Delivery Completed	0 days	100%	Thu 3/19/09	Thu 3/19/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

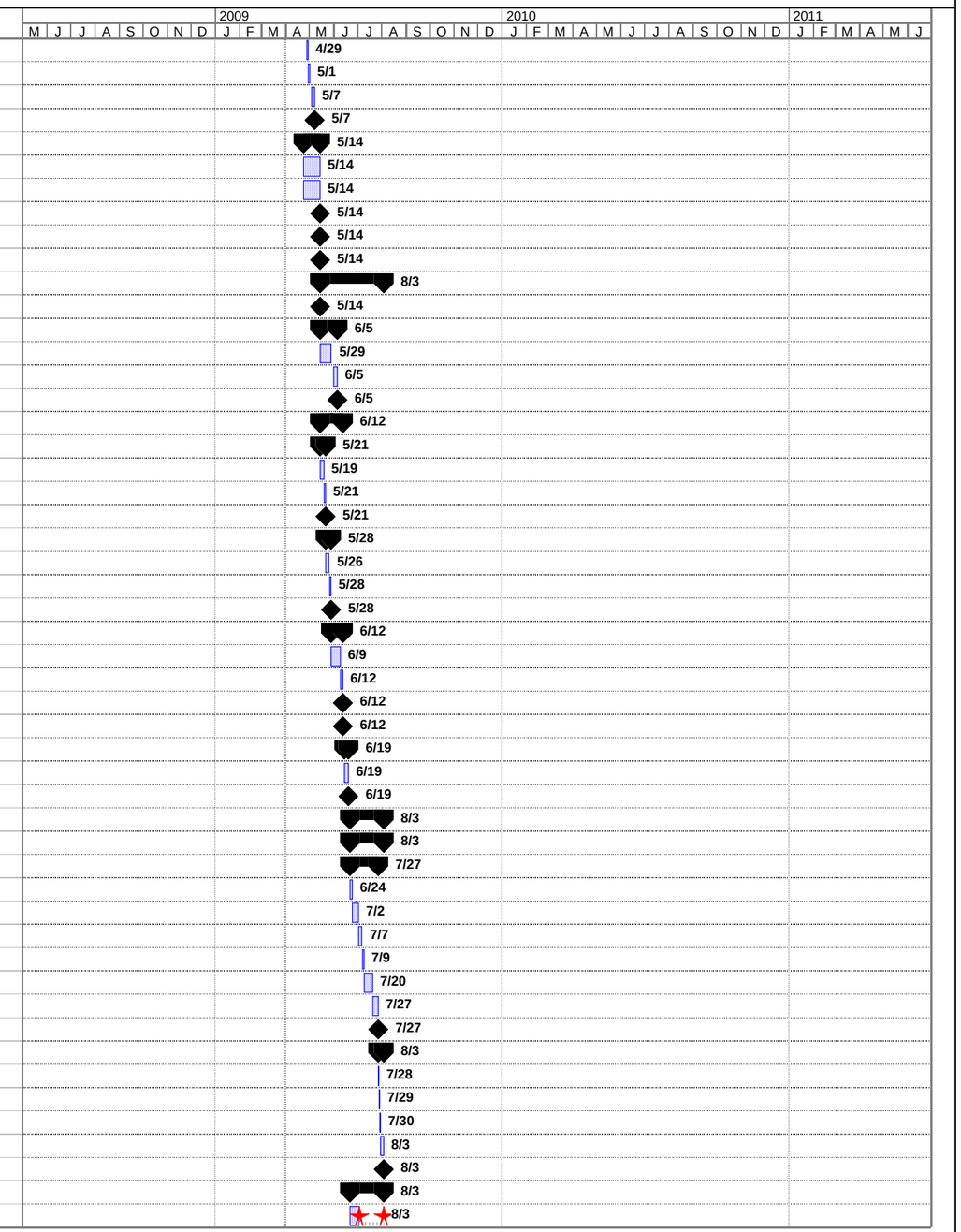
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2321	EIP	Receive Adapter: EIP.WS1.18C2.Enhancement.Construction & UT	0 days	0%	Mon 3/30/09	Mon 3/30/09
2323	EIP	Receive Adapter: EIP.WS1.18C2.Delivery Completed (OS2.1.3 Compatibility)	0 days	0%	Thu 4/9/09	Thu 4/9/09
2325	EIP	Receive Adapter: EIP.WS1.18D.Itest Migration Completed	0 days	0%	Thu 5/14/09	Thu 5/14/09
2327	EIP	Receive Adapter: CMM-CRR Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
2329	EIP	Receive Adapter: CMM-MMS Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
2331	EIP	Receive Adapter: CMM-REG Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
2333	EIP	Receive Adapter: CRR-CMM Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
2335	EIP	Receive Adapter: CRR-MMS Delivery Completed	0 days	100%	Fri 1/23/09	Fri 1/23/09
2337	EIP	Receive Adapter: NMMS-CRR Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
2339	EIP	Receive Adapter: NMMS-EMS Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
2341	EIP	Receive Adapter: EIP.NMMS.MIS.Resource.Package & deploy changes for IR4/TC3 (????? Testing)	0 days	100%	Fri 3/6/09	Fri 3/6/09
2343	EIP	Receive Adapter: NMMS-MMS Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
2345	EIP	Receive Adapter: NMMS-MMS.CCT Delivery Completed	0 days	0%	Tue 5/19/09	Tue 5/19/09
2347	EIP	Receive Adapter: EIP.NMMS.OS.Resource.Adapter Review	0 days	0%	Wed 4/1/09	Wed 4/1/09
2349	EIP	Receive Adapter: NMMS-OS Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
2351	EIP	Receive Adapter: NMMS-OS Tracer Delivery	0 days	0%	Wed 4/29/09	Wed 4/29/09
2353	EIP	Receive Adapter: NMMS-SnB Delivery Completed	0 days	0%	Tue 4/7/09	Tue 4/7/09
2355	EIP	Receive Adapter: EIP.OS.NMMS.Resource.Package & deploy to iTest	0 days	100%	Tue 3/17/09	Tue 3/17/09
2357	EIP	Receive Adapter: Platts Delivery Completed	0 days	100%	Thu 1/29/09	Thu 1/29/09
2359	EIP	Receive Adapter: REG-CMM Delivery Completed	0 days	100%	Thu 2/19/09	Thu 2/19/09
2361	EIP	Receive Adapter: REG-CRR Delivery Completed	0 days	100%	Thu 1/29/09	Thu 1/29/09
2363	EIP	Receive Adapter: REG-MMS Delivery Completed	0 days	100%	Thu 1/29/09	Thu 1/29/09
2365	EIP	Receive Adapter: REG-NMMS Delivery Completed	0 days	100%	Wed 3/4/09	Wed 3/4/09
2367	EIP	Receive Adapter: REG-SnB Delivery Completed	0 days	100%	Mon 1/5/09	Mon 1/5/09
2369	EIP	Receive Adapter: SnB-CRR Delivery Completed	0 days	100%	Fri 1/23/09	Fri 1/23/09
2371	EIP	Receive Adapter: SnB-MMS Delivery Completed	0 days	100%	Thu 2/12/09	Thu 2/12/09
2373	EIP	Receive Adapter: EIP.PolicyMgr.IR4 Enhancement / Defect Support	0 days	0%	Mon 3/30/09	Mon 3/30/09
2374	**EIP**	**Policy Manager**	**88 days**	**0%**	**Mon 3/30/09**	**Mon 8/3/09**
2375	EIP	EIP-PolMgr: EIP-Policy Manager Interface Testing: Project Management	62 days	0%	Tue 3/31/09	Thu 6/25/09
2376	**EIP**	**EIP-PolMgr: Policy Manager Phase 1 (Current deployment) - Security, Cert Validatioin, LDAP, WSRB Fwding)**	**33 days**	**0%**	**Mon 3/30/09**	**Thu 5/14/09**
2377	EIP	EIP-PolMgr: Phase 1 Test Schedule Begin	0 days	0%	Mon 3/30/09	Mon 3/30/09
2378	**EIP**	**EIP-PolMgr: DEVELOP PHASE 1 TEST PLANS, CASES & SCRIPTS**	**18 days**	**0%**	**Tue 3/31/09**	**Thu 4/23/09**
2379	**EIP**	**EIP-PolMgr: CREATE PHASE 1 TEST PLAN DOCUMENT**	**5 days**	**0%**	**Tue 3/31/09**	**Mon 4/6/09**
2380	EIP	EIP-PolMgr: Create & Update Test Plan	3 days	0%	Tue 3/31/09	Thu 4/2/09
2381	EIP	EIP-PolMgr: Review & Approve Test Plan	2 days	0%	Fri 4/3/09	Mon 4/6/09
2382	EIP	EIP-PolMgr: Test Plan Completed	0 days	0%	Mon 4/6/09	Mon 4/6/09
2383	**EIP**	**EIP-PolMgr: CREATE PHASE 1 TEST CASES**	**6 days**	**0%**	**Tue 4/7/09**	**Tue 4/14/09**
2384	EIP	EIP-PolMgr: Create Interface Test Case	4 days	0%	Tue 4/7/09	Fri 4/10/09
2385	EIP	EIP-PolMgr: Review and Approve Interface Test Cases	2 days	0%	Mon 4/13/09	Tue 4/14/09
2386	EIP	EIP-PolMgr: Interface Test Case Complete	0 days	0%	Tue 4/14/09	Tue 4/14/09
2387	**EIP**	**EIP-PolMgr: CREATE PHASE 1 TEST SCRIPTS**	**7 days**	**0%**	**Wed 4/15/09**	**Thu 4/23/09**
2388	EIP	EIP-PolMgr: Create Interface Test Scripts	5 days	0%	Wed 4/15/09	Tue 4/21/09
2389	EIP	EIP-PolMgr: Review and Approve Interface Test Scripts	2 days	0%	Wed 4/22/09	Thu 4/23/09
2390	EIP	EIP-PolMgr: Interface Test Scripts Complete	0 days	0%	Thu 4/23/09	Thu 4/23/09
2391	EIP	EIP-PolMgr: Test Planning Phase Complete	0 days	0%	Thu 4/23/09	Thu 4/23/09
2392	**EIP**	**EIP-PolMgr: MIGRATE TO ITEST ENVIRONMENT**	**1 day**	**0%**	**Tue 3/31/09**	**Tue 3/31/09**
2393	EIP	EIP-PolMgr: Perform Migration to ITEST	1 day	0%	Tue 3/31/09	Tue 3/31/09
2394	EIP	EIP-PolMgr: Migration to iTest Complete	0 days	0%	Tue 3/31/09	Tue 3/31/09
2395	**EIP**	**EIP-PolMgr: EXECUTE INTERFACE TESTS**	**15 days**	**0%**	**Fri 4/24/09**	**Thu 5/14/09**
2396	**EIP**	**EIP-PolMgr: EXECUTE SECURITY TESTS**	**10 days**	**0%**	**Fri 4/24/09**	**Thu 5/7/09**
2397	EIP	EIP-PolMgr: Execute Security Tests	2 days	0%	Fri 4/24/09	Mon 4/27/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2398	EIP	EIP-PolMgr: Execute Certificate Validation Tests	2 days	0%	Tue 4/28/09	Wed 4/29/09
2399	EIP	EIP-PolMgr: Execute LDAP Tests	2 days	0%	Thu 4/30/09	Fri 5/1/09
2400	EIP	EIP-PolMgr: Execute WSRB Forwarding Tests	4 days	0%	Mon 5/4/09	Thu 5/7/09
2401	EIP	EIP-PolMgr: Test Execution Completed	0 days	0%	Thu 5/7/09	Thu 5/7/09
2402	**EIP**	**EIP-PolMgr: PHASE 1 DEFECT RESOLUTION**	**15 days**	**0%**	**Fri 4/24/09**	**Thu 5/14/09**
2403	EIP	EIP-PolMgr: Analyze & Develop Defect Solutions	15 days	0%	Fri 4/24/09	Thu 5/14/09
2404	EIP	EIP-PolMgr: Migrate defect resolutions	15 days	0%	Fri 4/24/09	Thu 5/14/09
2405	EIP	EIP-PolMgr: Policy Manager Phase 1 Defect Migrations Completed	0 days	0%	Thu 5/14/09	Thu 5/14/09
2406	EIP	EIP-PolMgr: Test Execution Phase Complete	0 days	0%	Thu 5/14/09	Thu 5/14/09
2407	EIP	EIP-PolMgr: Policy Manager Phase 1Test Complete	0 days	0%	Thu 5/14/09	Thu 5/14/09
2408	**EIP**	**EIP-PolMgr: Policy Manager Phase 2 (Enhancement deployment) - Routing/LB/Seq, Monitoring, Size Limits, C**	**55 days**	**0%**	**Thu 5/14/09**	**Mon 8/3/09**
2409	EIP	EIP-PolMgr: Phase 2 Test Schedule Begin	0 days	0%	Thu 5/14/09	Thu 5/14/09
2410	**EIP**	**EIP-PolMgr: ITEST ENVIRONMENT READINESS PREPARATION**	**15 days**	**0%**	**Fri 5/15/09**	**Fri 6/5/09**
2411	EIP	EIP-PolMgr: Create New Servers as / if needed for LB solution(s)	10 days	0%	Fri 5/15/09	Fri 5/29/09
2412	EIP	EIP-PolMgr: Create New DB for Auditing (Storage, Server, DB creation requests	5 days	0%	Mon 6/1/09	Fri 6/5/09
2413	EIP	EIP-PolMgr: Interface Environment Readiness Complete	0 days	0%	Fri 6/5/09	Fri 6/5/09
2414	**EIP**	**EIP-PolMgr: DEVELOP PHASE 2 TEST PLANS, CASES & SCRIPTS**	**20 days**	**0%**	**Fri 5/15/09**	**Fri 6/12/09**
2415	**EIP**	**EIP-PolMgr: CREATE PHASE 2 TEST PLAN DOCUMENT**	**5 days**	**0%**	**Fri 5/15/09**	**Thu 5/21/09**
2416	EIP	EIP-PolMgr: Create & Update Test Plan	3 days	0%	Fri 5/15/09	Tue 5/19/09
2417	EIP	EIP-PolMgr: Review & Approve Test Plan	2 days	0%	Wed 5/20/09	Thu 5/21/09
2418	EIP	EIP-PolMgr: Test Plan Completed	0 days	0%	Thu 5/21/09	Thu 5/21/09
2419	**EIP**	**EIP-PolMgr: CREATE PHASE 2 TEST CASES**	**4 days**	**0%**	**Fri 5/22/09**	**Thu 5/28/09**
2420	EIP	EIP-PolMgr: Create Interface Test Case	2 days	0%	Fri 5/22/09	Tue 5/26/09
2421	EIP	EIP-PolMgr: Review and Approve Interface Test Cases	2 days	0%	Wed 5/27/09	Thu 5/28/09
2422	EIP	EIP-PolMgr: Interface Test Case Complete	0 days	0%	Thu 5/28/09	Thu 5/28/09
2423	**EIP**	**EIP-PolMgr: CREATE PHASE 2 TEST SCRIPTS**	**11 days**	**0%**	**Fri 5/29/09**	**Fri 6/12/09**
2424	EIP	EIP-PolMgr: Create Interface Test Scripts	8 days	0%	Fri 5/29/09	Tue 6/9/09
2425	EIP	EIP-PolMgr: Review and Approve Interface Test Scripts	3 days	0%	Wed 6/10/09	Fri 6/12/09
2426	EIP	EIP-PolMgr: Interface Test Scripts Complete	0 days	0%	Fri 6/12/09	Fri 6/12/09
2427	EIP	EIP-PolMgr: Test Planning Phase Complete	0 days	0%	Fri 6/12/09	Fri 6/12/09
2428	**EIP**	**EIP-PolMgr: MIGRATE PHASE 2 TO ITEST ENVIRONMENT**	**5 days**	**0%**	**Mon 6/15/09**	**Fri 6/19/09**
2429	EIP	EIP-PolMgr: Perform Migration to ITEST	5 days	0%	Mon 6/15/09	Fri 6/19/09
2430	EIP	EIP-PolMgr: Migration to iTest Complete	0 days	0%	Fri 6/19/09	Fri 6/19/09
2431	**EIP**	**EIP-PolMgr: EXECUTE PHASE 2 INTERFACE TESTS**	**30 days**	**0%**	**Mon 6/22/09**	**Mon 8/3/09**
2432	**EIP**	**EIP-PolMgr: EXECUTE PHASE 2 TESTS**	**30 days**	**0%**	**Mon 6/22/09**	**Mon 8/3/09**
2433	**EIP**	**EIP-PolMgr: EXECUTE PHASE 2 TESTS**	**25 days**	**0%**	**Mon 6/22/09**	**Mon 7/27/09**
2434	EIP	EIP-PolMgr: Execute Policy Manager DB Auditing Tests	3 days	0%	Mon 6/22/09	Wed 6/24/09
2435	EIP	EIP-PolMgr: Execute Policy Manager Routing / Load Balancing / Sequencing Tests	6 days	0%	Thu 6/25/09	Thu 7/2/09
2436	EIP	EIP-PolMgr: Execute Internal Monitoring (ops) Tests	2 days	0%	Fri 7/3/09	Tue 7/7/09
2437	EIP	EIP-PolMgr: Execute Size Restrictions / Limiting Tests	2 days	0%	Wed 7/8/09	Thu 7/9/09
2438	EIP	EIP-PolMgr: Execute Outbound Notifications Tests	7 days	0%	Fri 7/10/09	Mon 7/20/09
2439	EIP	EIP-PolMgr: Execute EA Additional Security Guidelines Tests	5 days	0%	Tue 7/21/09	Mon 7/27/09
2440	EIP	EIP-PolMgr: Test Execution Completed	0 days	0%	Mon 7/27/09	Mon 7/27/09
2441	**EIP**	**EIP-PolMgr: EXECUTE PHASE 1 REGRESSION TESTS**	**5 days**	**0%**	**Tue 7/28/09**	**Mon 8/3/09**
2442	EIP	EIP-PolMgr: Execute Security Regression Tests	1 day	0%	Tue 7/28/09	Tue 7/28/09
2443	EIP	EIP-PolMgr: Execute Certificate Validation Regression Tests	1 day	0%	Wed 7/29/09	Wed 7/29/09
2444	EIP	EIP-PolMgr: Execute LDAP Regression Tests	1 day	0%	Thu 7/30/09	Thu 7/30/09
2445	EIP	EIP-PolMgr: Execute WSRB Forwarding Regression Tests	2 days	0%	Fri 7/31/09	Mon 8/3/09
2446	EIP	EIP-PolMgr: Regression Test Execution Completed	0 days	0%	Mon 8/3/09	Mon 8/3/09
2447	**EIP**	**EIP-PolMgr: PHASE 2 DEFECT RESOLUTION**	**30 days**	**0%**	**Mon 6/22/09**	**Mon 8/3/09**
2448	EIP	EIP-PolMgr: Analyze & Develop Defect Solutions	30 days	0%	Mon 6/22/09	Mon 8/3/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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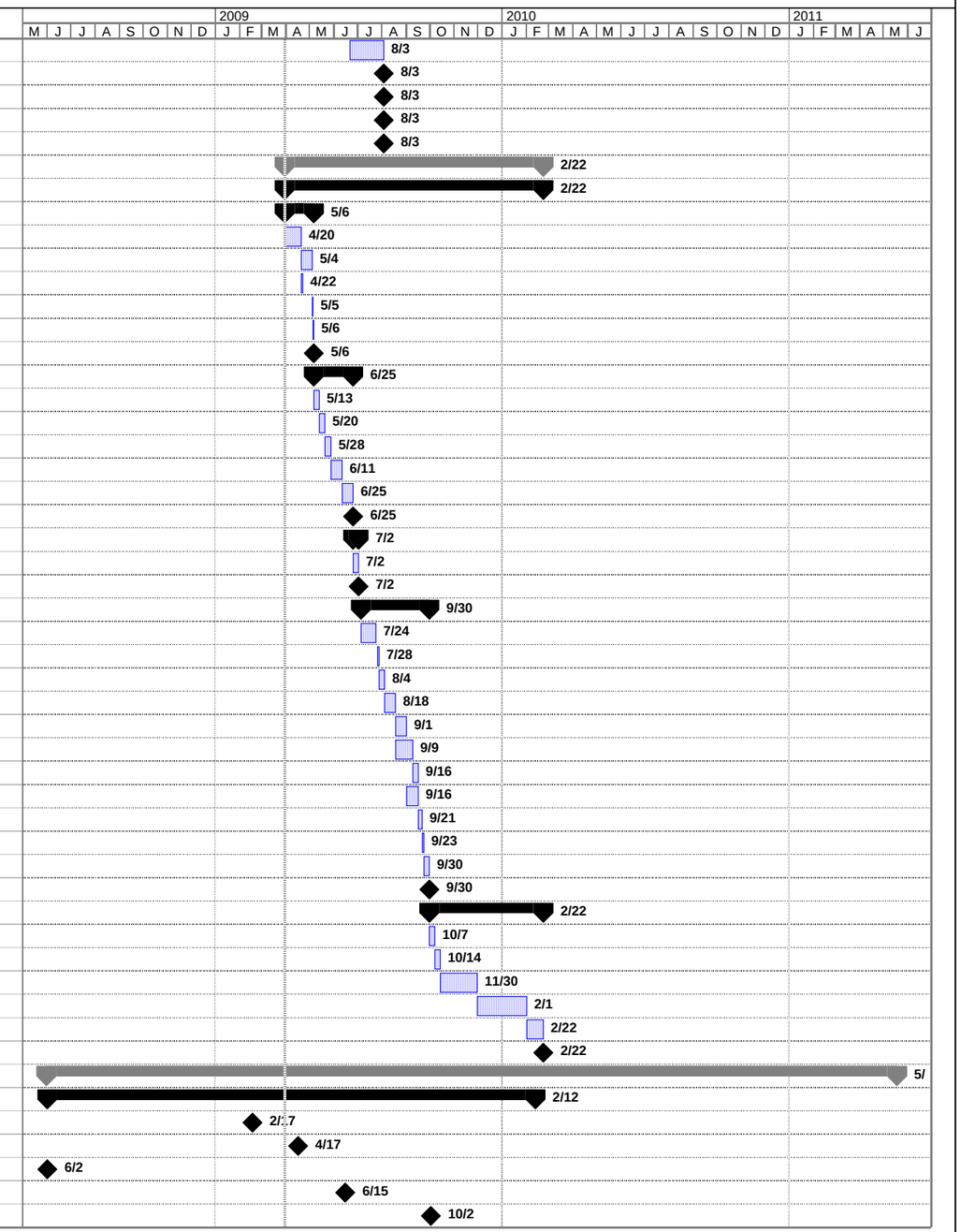
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
2449	EIP	EIP-PolMgr: Migrate defect resolutions	30 days	0%	Mon 6/22/09	Mon 8/3/09
2450	EIP	EIP-PolMgr: Policy Manager Phase 2 Defect Migrations Completed	0 days	0%	Mon 8/3/09	Mon 8/3/09
2451	EIP	EIP-PolMgr: Test Execution Phase 2 Complete	0 days	0%	Mon 8/3/09	Mon 8/3/09
2452	EIP	EIP-PolMgr: Policy Manager Phase 2 Test Complete	0 days	0%	Mon 8/3/09	Mon 8/3/09
2453	EIP	EIP-PolMgr: Policy Manager Testing Complete	0 days	0%	Mon 8/3/09	Mon 8/3/09
14	**E2E**	**E2E - End-to-End**	**219 days**	**0%**	**Tue 3/31/09**	**Mon 2/22/10**
1	**E2E**	**End-to-End Business Scenario Planning**	**219 days**	**0%**	**Tue 3/31/09**	**Mon 2/22/10**
2	**E2E**	**Develop Business Scenerio Framework & Communicate to Team**	**27 days**	**0%**	**Tue 3/31/09**	**Wed 5/6/09**
3	E2E	Develop end-to-end testing strategy	15 days	0%	Tue 3/31/09	Mon 4/20/09
4	E2E	Prepare kickoff meeting materials	10 days	0%	Tue 4/21/09	Mon 5/4/09
5	E2E	Establish Review "Board"	2 days	0%	Tue 4/21/09	Wed 4/22/09
6	E2E	Identify attendees and schedule meetings	1 day	0%	Tue 5/5/09	Tue 5/5/09
7	E2E	Conduct Kick off Meeting	1 day	0%	Wed 5/6/09	Wed 5/6/09
8	E2E	Framework Established & Communciated to Team	0 days	0%	Wed 5/6/09	Wed 5/6/09
9	**E2E**	**Identify Business Scenarios**	**35 days**	**0%**	**Thu 5/7/09**	**Thu 6/25/09**
10	E2E	Establish Scenerio Criteria	5 days	0%	Thu 5/7/09	Wed 5/13/09
11	E2E	Review interface/adapter integrated schedule to evaluate impacts	5 days	0%	Thu 5/14/09	Wed 5/20/09
12	E2E	Identify Candidate Scenerios	5 days	0%	Thu 5/21/09	Thu 5/28/09
13	E2E	Conduct Review Meeting	10 days	0%	Fri 5/29/09	Thu 6/11/09
14	E2E	Finalize Scenario List & Obtain Business Agreement	10 days	0%	Fri 6/12/09	Thu 6/25/09
15	E2E	Business Scenarios Identified	0 days	0%	Thu 6/25/09	Thu 6/25/09
16	**E2E**	**Socialize End-to-End Business Scenerio Approach**	**5 days**	**0%**	**Fri 6/26/09**	**Thu 7/2/09**
17	E2E	Conduct review sessions	5 days	0%	Fri 6/26/09	Thu 7/2/09
18	E2E	End-to-End Business Scenario Approach Socialized	0 days	0%	Thu 7/2/09	Thu 7/2/09
19	**E2E**	**Create Scenario Artifacts**	**62 days**	**0%**	**Mon 7/6/09**	**Wed 9/30/09**
20	E2E	Create Test Plan	15 days	0%	Mon 7/6/09	Fri 7/24/09
21	E2E	Prepare environment conditions checklist	2 days	0%	Mon 7/27/09	Tue 7/28/09
22	E2E	Review Scenario with Review Team	5 days	0%	Wed 7/29/09	Tue 8/4/09
23	E2E	Create Use Cases	10 days	0%	Wed 8/5/09	Tue 8/18/09
24	E2E	Create Test Scripts	10 days	0%	Wed 8/19/09	Tue 9/1/09
25	E2E	Build Data Set	15 days	0%	Wed 8/19/09	Wed 9/9/09
26	E2E	Confirm data set up and perform smoke test	5 days	0%	Thu 9/10/09	Wed 9/16/09
27	E2E	Develop Checklists & Tools	10 days	0%	Wed 9/2/09	Wed 9/16/09
28	E2E	Review Scenario 1 with Review Team	3 days	0%	Thu 9/17/09	Mon 9/21/09
29	E2E	Revise Scenario	2 days	0%	Tue 9/22/09	Wed 9/23/09
30	E2E	Approve Scenario	5 days	0%	Thu 9/24/09	Wed 9/30/09
31	E2E	Scenario Ready for Execution	0 days	0%	Wed 9/30/09	Wed 9/30/09
32	**E2E**	**Execute Scenerios**	**90 days**	**0%**	**Thu 10/1/09**	**Mon 2/22/10**
33	E2E	Conduct review meeting with testing team	5 days	0%	Thu 10/1/09	Wed 10/7/09
34	E2E	Confirm environment readiness	5 days	0%	Thu 10/8/09	Wed 10/14/09
35	E2E	Execute Scenario	30 days	0%	Thu 10/15/09	Mon 11/30/09
36	E2E	Identify Issues & Resolve	35 days	0%	Tue 12/1/09	Mon 2/1/10
37	E2E	Re-execute Scenarios	15 days	0%	Tue 2/2/10	Mon 2/22/10
38	E2E	End-to-End Business Scenario Execution Completed	0 days	0%	Mon 2/22/10	Mon 2/22/10
15	**Nodal IPS**	**EDS - Early Delivery System**	**741 days?**	**13%**	**Sun 6/1/08**	**Wed 5/18/11**
1	**EDS**	**External Links**	**415 days**	**0%**	**Mon 6/2/08**	**Fri 2/12/10**
2	EDS	Board Approval of Program Schedule	0 days	100%	Tue 2/17/09	Tue 2/17/09
3	EDS	identify new direction for EDS program	0 days	0%	Fri 4/17/09	Fri 4/17/09
4	EDS	EDS Replan Start	0 days	100%	Mon 6/2/08	Mon 6/2/08
5	EDS	Receive IR 4.0 Ready from INT	0 days	0%	Mon 6/15/09	Mon 6/15/09
6	EDS	Receive IR5 TC2 from INT	0 days	0%	Fri 10/2/09	Fri 10/2/09



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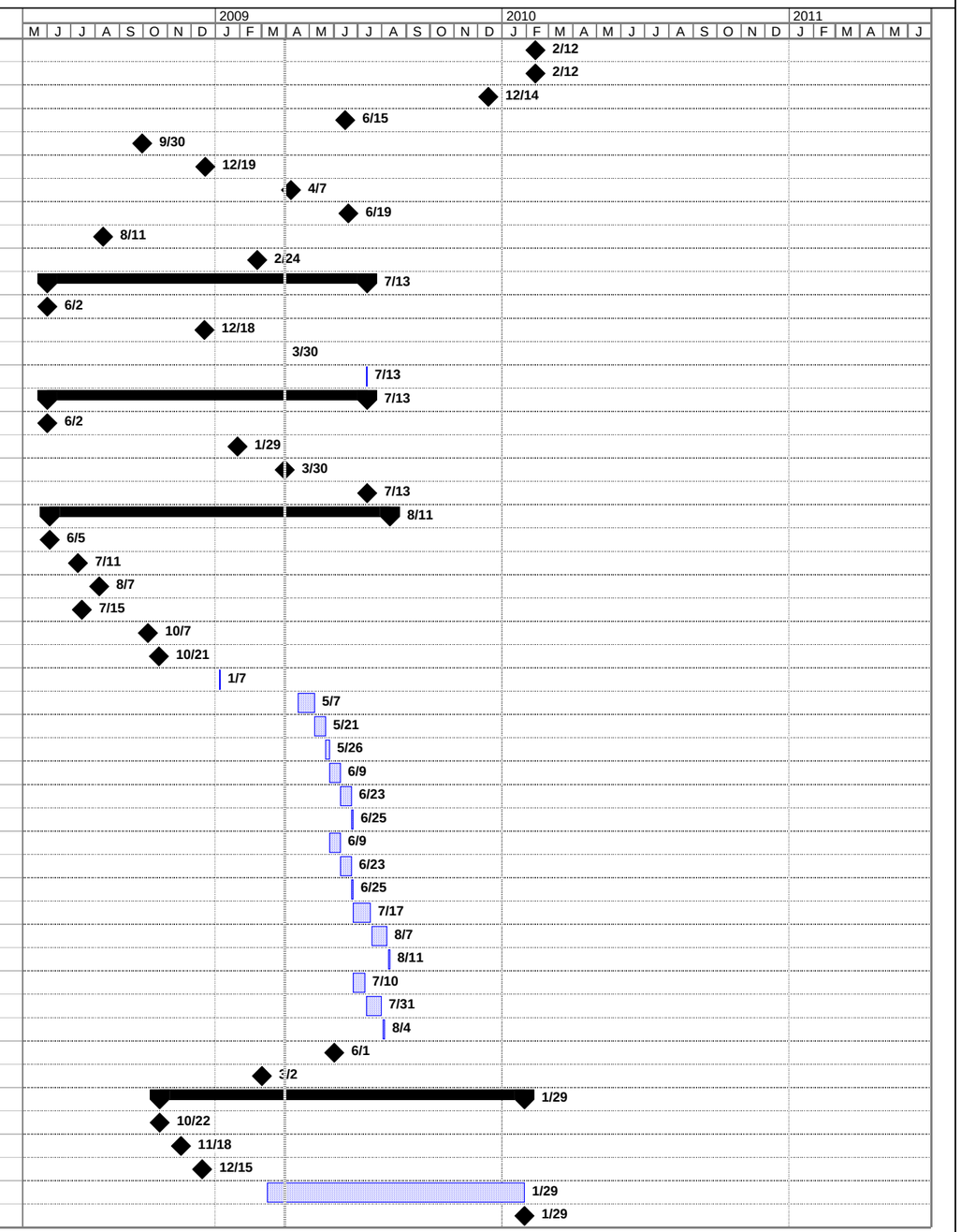
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
7	EDS	Receive IR5 from INT	0 days	0%	Fri 2/12/10	Fri 2/12/10
8	EDS	Settlements tested for 3 months by Integration Testing Group	0 days	0%	Fri 2/12/10	Fri 2/12/10
9	EDS	Receive Final IR from INT	0 days	0%	Mon 12/14/09	Mon 12/14/09
11	EDS	Receive NMMS Seed Model Freeze Date from NMMS	0 days	0%	Mon 6/15/09	Mon 6/15/09
13	EDS	Receive NMMS 4 - Needed for Performance test from NMMS	0 days	100%	Tue 9/30/08	Tue 9/30/08
15	EDS	Receive NMMS 5 - Needed for SEM from NMMS	0 days	100%	Fri 12/19/08	Fri 12/19/08
17	EDS	Receive NMMS 6 - Needed for SEM from NMMS	0 days	0%	Tue 4/7/09	Tue 4/7/09
19	EDS	Receive MPIM rollout complete from MPIM	0 days	0%	Fri 6/19/09	Fri 6/19/09
21	EDS	Receive MMS4 Patch 2 from MMS	0 days	100%	Mon 8/11/08	Mon 8/11/08
22	EDS	FIT testing re-start	0 days	0%	Tue 2/24/09	Tue 2/24/09
23	**EDS**	**External Interface Specification**	**274 days**	**0%**	**Mon 6/2/08**	**Mon 7/13/09**
24	EDS	Publish External Interface Specification V 1.16	0 days	100%	Mon 6/2/08	Mon 6/2/08
26	EDS	Publish External Interface Specification V 1.17	0 days	100%	Thu 12/18/08	Thu 12/18/08
28	EDS	Publish External Interface Specification V 1.18	1 day	0%	Mon 3/30/09	Mon 3/30/09
30	EDS	Publish External Interface Specification V 1.19	1 day	0%	Mon 7/13/09	Mon 7/13/09
31	**EDS**	**Sandbox**	**274 days**	**0%**	**Mon 6/2/08**	**Mon 7/13/09**
32	EDS	Sandbox release for External Interface Specification V 1.16	0 days	100%	Mon 6/2/08	Mon 6/2/08
33	EDS	Sandbox release for External Interface Specification V 1.17	0 days	100%	Thu 1/29/09	Thu 1/29/09
35	EDS	Sandbox release for External Interface Specification V 1.18	0 days	0%	Mon 3/30/09	Mon 3/30/09
37	EDS	Sandbox release for External Interface Specification V 1.19	0 days	0%	Mon 7/13/09	Mon 7/13/09
38	**EDS**	**Docuumentation deliverables**	**292 days**	**1%**	**Thu 6/5/08**	**Tue 8/11/09**
39	EDS	Nodal Go-Live Procedure Approved	0 days	100%	Thu 6/5/08	Thu 6/5/08
40	EDS	DST Test Procedure Approved	0 days	100%	Fri 7/11/08	Fri 7/11/08
41	EDS	168 Test Procedure Approved	0 days	100%	Thu 8/7/08	Thu 8/7/08
43	EDS	Receive Publish SEM Go-Live procedure for NDSWG & TPTF comments from NMMS	0 days	100%	Tue 7/15/08	Tue 7/15/08
44	EDS	Seek TPTF approval of SEM Go-Live document	0 days	100%	Tue 10/7/08	Tue 10/7/08
45	EDS	Seek TAC approval of SEM Go-Live Procedure	0 days	100%	Tue 10/21/08	Tue 10/21/08
46	EDS	Publish Test Plan for 2009 Activities	1 day	100%	Wed 1/7/09	Wed 1/7/09
47	EDS	Update EDS 4 Approach document	15 days	0%	Fri 4/17/09	Thu 5/7/09
48	EDS	Publish updated EDS 4 Approach document for TPTF comments	10 days	0%	Fri 5/8/09	Thu 5/21/09
49	EDS	TPTF approval for EDS 4 Approach document	2 days	0%	Fri 5/22/09	Tue 5/26/09
50	EDS	Update EDS 4 Release 8 handbook	10 days	0%	Wed 5/27/09	Tue 6/9/09
51	EDS	Publish updated EDS 4 Release 8 handbook for TPTF comments	10 days	0%	Wed 6/10/09	Tue 6/23/09
52	EDS	TPTF approval for EDS 4 Release 8 handbook	2 days	0%	Wed 6/24/09	Thu 6/25/09
53	EDS	Update EDS 4 Release 9 handbook	10 days	0%	Wed 5/27/09	Tue 6/9/09
54	EDS	Publish updated EDS 4 Release 9 handbook for TPTF comments	10 days	0%	Wed 6/10/09	Tue 6/23/09
55	EDS	TPTF approval for EDS 4 Release 9 handbook	2 days	0%	Wed 6/24/09	Thu 6/25/09
56	EDS	Develop Performance & Compliance Measurement Handbook	15 days	0%	Fri 6/26/09	Fri 7/17/09
57	EDS	Publish Performance compliance handbook for TPTF comments	15 days	0%	Mon 7/20/09	Fri 8/7/09
58	EDS	TPTF approval for Performance & compliance handbook	2 days	0%	Mon 8/10/09	Tue 8/11/09
59	EDS	Develop MIS Compliance handbook	10 days	0%	Fri 6/26/09	Fri 7/10/09
60	EDS	Publish MIS Compliance handbook for TPTF comments	15 days	0%	Mon 7/13/09	Fri 7/31/09
61	EDS	TPTF approval for MIS Compliance handbook	2 days	0%	Mon 8/3/09	Tue 8/4/09
63	EDS	Publish MMS Validation Rules document	0 days	0%	Mon 6/1/09	Mon 6/1/09
64	EDS	Publish draft Planning Model Go-Live Procedure	0 days	0%	Mon 3/2/09	Mon 3/2/09
65	**EDS**	**Resource Registration Data**	**304 days**	**0%**	**Wed 10/22/08**	**Fri 1/29/10**
67	EDS	RARF 1	0 days	100%	Wed 10/22/08	Wed 10/22/08
69	EDS	RARF 2	0 days	100%	Tue 11/18/08	Tue 11/18/08
71	EDS	RARF 3	0 days	100%	Mon 12/15/08	Mon 12/15/08
72	EDS	Resource Owned Transmission Asset Registration	220 days	0%	Mon 3/9/09	Fri 1/29/10
73	EDS	Resource owned transmission asset registration information considered final	0 days	0%	Fri 1/29/10	Fri 1/29/10



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Nodal IPS

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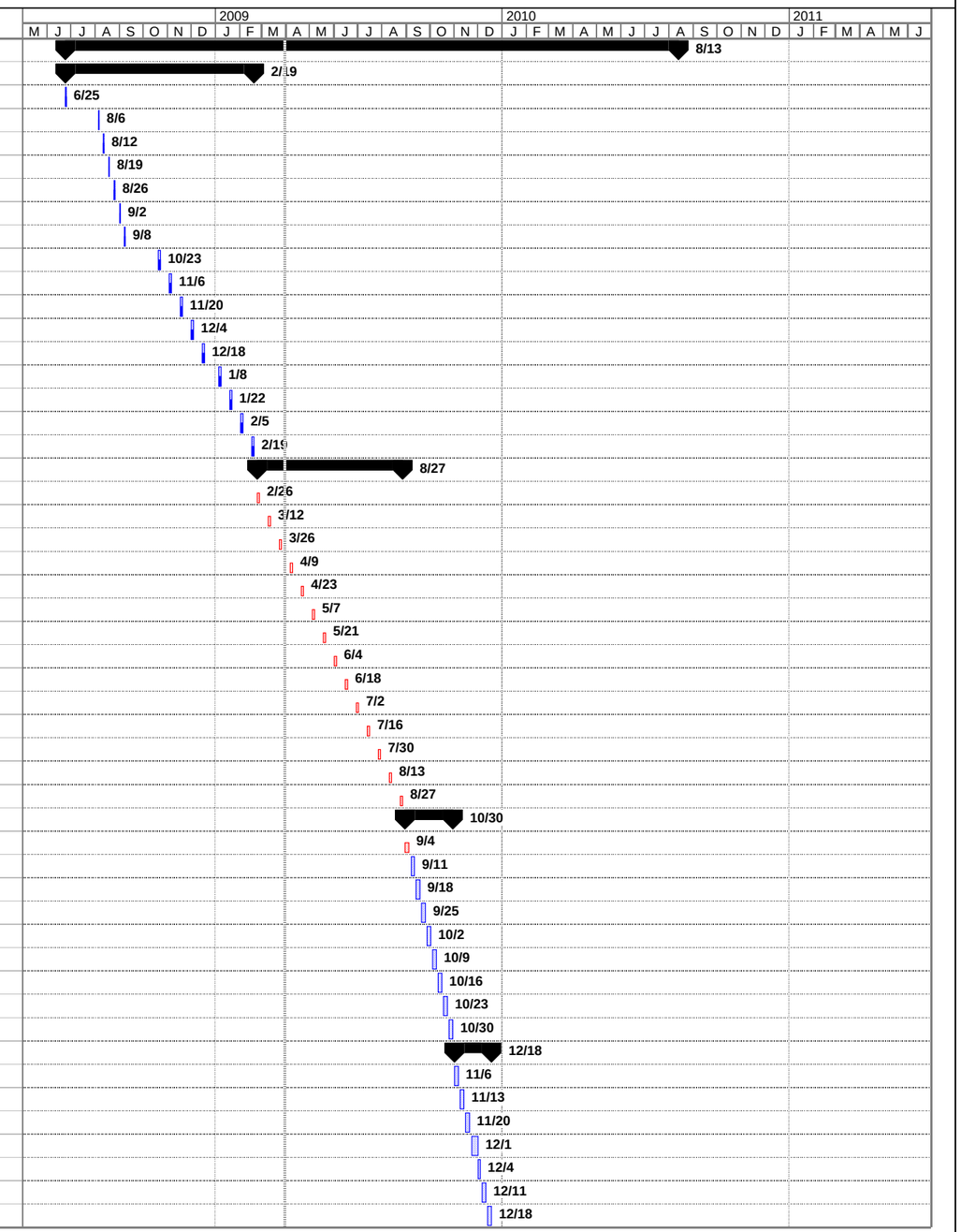
74	**EDS**	**EDS 2**	**526 days**	**6%**	**Wed 6/25/08**	**Fri 8/13/10**
75	**EDS**	**EDS 2 Release 3 (FIT Telemetry testing)**	**157 days**	**100%**	**Wed 6/25/08**	**Thu 2/19/09**
76	EDS	2-hour LFC test	1 day	100%	Wed 6/25/08	Wed 6/25/08
77	EDS	FIT Telemetry Testing Cycle 1	1 day	100%	Wed 8/6/08	Wed 8/6/08
78	EDS	FIT Telemetry Testing Cycle 2	1 day	100%	Tue 8/12/08	Tue 8/12/08
79	EDS	FIT Telemetry Testing Cycle 3	1 day	100%	Tue 8/19/08	Tue 8/19/08
80	EDS	FIT Telemetry Testing Cycle 4	1 day	100%	Tue 8/26/08	Tue 8/26/08
81	EDS	FIT Telemetry Testing Cycle 5	1 day	100%	Tue 9/2/08	Tue 9/2/08
82	EDS	FIT Telemetry Testing Cycle 6	1 day	100%	Mon 9/8/08	Mon 9/8/08
83	EDS	FIT Telemetry Testing Cycle 7	3 days	100%	Tue 10/21/08	Thu 10/23/08
84	EDS	FIT Telemetry Testing Cycle 8	3 days	100%	Tue 11/4/08	Thu 11/6/08
85	EDS	FIT Telemetry Testing Cycle 9	3 days	100%	Tue 11/18/08	Thu 11/20/08
86	EDS	FIT Telemetry Testing Cycle 10	3 days	100%	Tue 12/2/08	Thu 12/4/08
87	EDS	FIT Telemetry Testing Cycle 11	3 days	100%	Tue 12/16/08	Thu 12/18/08
88	EDS	FIT Telemetry Testing Cycle 12	3 days	100%	Tue 1/6/09	Thu 1/8/09
89	EDS	FIT Telemetry Testing Cycle 13	3 days	100%	Tue 1/20/09	Thu 1/22/09
90	EDS	FIT Telemetry Testing Cycle 14	3 days	100%	Tue 2/3/09	Thu 2/5/09
91	EDS	FIT Telemetry Testing Cycle 15	3 days	100%	Tue 2/17/09	Thu 2/19/09
92	**EDS**	**FIT III State Estimator Testing 2009**	**131 days**	**0%**	**Tue 2/24/09**	**Thu 8/27/09**
93	EDS	FIT III, Wk 1	3 days	0%	Tue 2/24/09	Thu 2/26/09
94	EDS	FIT III, Wk 2	3 days	0%	Tue 3/10/09	Thu 3/12/09
95	EDS	FIT III, Wk 3	3 days	0%	Tue 3/24/09	Thu 3/26/09
96	EDS	FIT III, Wk 4	3 days	0%	Tue 4/7/09	Thu 4/9/09
97	EDS	FIT III, Wk 5	3 days	0%	Tue 4/21/09	Thu 4/23/09
98	EDS	FIT III, Wk 6	3 days	0%	Tue 5/5/09	Thu 5/7/09
99	EDS	FIT III, Wk 7	3 days	0%	Tue 5/19/09	Thu 5/21/09
100	EDS	FIT III, Wk 8	3 days	0%	Tue 6/2/09	Thu 6/4/09
101	EDS	FIT III, Wk 9	3 days	0%	Tue 6/16/09	Thu 6/18/09
102	EDS	FIT III, Wk 10	3 days	0%	Tue 6/30/09	Thu 7/2/09
103	EDS	FIT III, Wk 11	3 days	0%	Tue 7/14/09	Thu 7/16/09
104	EDS	FIT III, Wk 12	3 days	0%	Tue 7/28/09	Thu 7/30/09
105	EDS	FIT III, Wk 13	3 days	0%	Tue 8/11/09	Thu 8/13/09
106	EDS	FIT III, Wk 14	3 days	0%	Tue 8/25/09	Thu 8/27/09
107	**EDS**	**7/24 State Estimator Testing 2009**	**44 days**	**0%**	**Mon 8/31/09**	**Fri 10/30/09**
108	EDS	7x24 SE, Wk 1	5 days	0%	Mon 8/31/09	Fri 9/4/09
109	EDS	7x24 SE, Wk 2	4 days	0%	Tue 9/8/09	Fri 9/11/09
110	EDS	7x24 SE, Wk 3	5 days	0%	Mon 9/14/09	Fri 9/18/09
111	EDS	7x24 SE, Wk 4	5 days	0%	Mon 9/21/09	Fri 9/25/09
112	EDS	7x24 SE, Wk 5	5 days	0%	Mon 9/28/09	Fri 10/2/09
113	EDS	7x24 SE, Wk 6	5 days	0%	Mon 10/5/09	Fri 10/9/09
114	EDS	7x24 SE, Wk 7	5 days	0%	Mon 10/12/09	Fri 10/16/09
115	EDS	7x24 SE, Wk 8	5 days	0%	Mon 10/19/09	Fri 10/23/09
116	EDS	7x24 SE, Wk 9	5 days	0%	Mon 10/26/09	Fri 10/30/09
117	**EDS**	**7/24 State Estimator & SCED Testing 2009**	**32 days**	**0%**	**Mon 11/2/09**	**Fri 12/18/09**
118	EDS	7x24 SE/SCED, Wk 1	5 days	0%	Mon 11/2/09	Fri 11/6/09
119	EDS	7x24 SE/SCED, Wk 2	5 days	0%	Mon 11/9/09	Fri 11/13/09
120	EDS	7x24 SE/SCED, Wk 3	5 days	0%	Mon 11/16/09	Fri 11/20/09
121	EDS	7x24 SE/SCED, Wk 4	8 edays	0%	Mon 11/23/09	Tue 12/1/09
122	EDS	7x24 SE/SCED, Wk 5	3 edays	0%	Tue 12/1/09	Fri 12/4/09
123	EDS	7x24 SE/SCED, Wk 6	5 days	0%	Mon 12/7/09	Fri 12/11/09
124	EDS	7x24 SE/SCED, Wk 7	5 days	0%	Mon 12/14/09	Fri 12/18/09



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Nodal IPS

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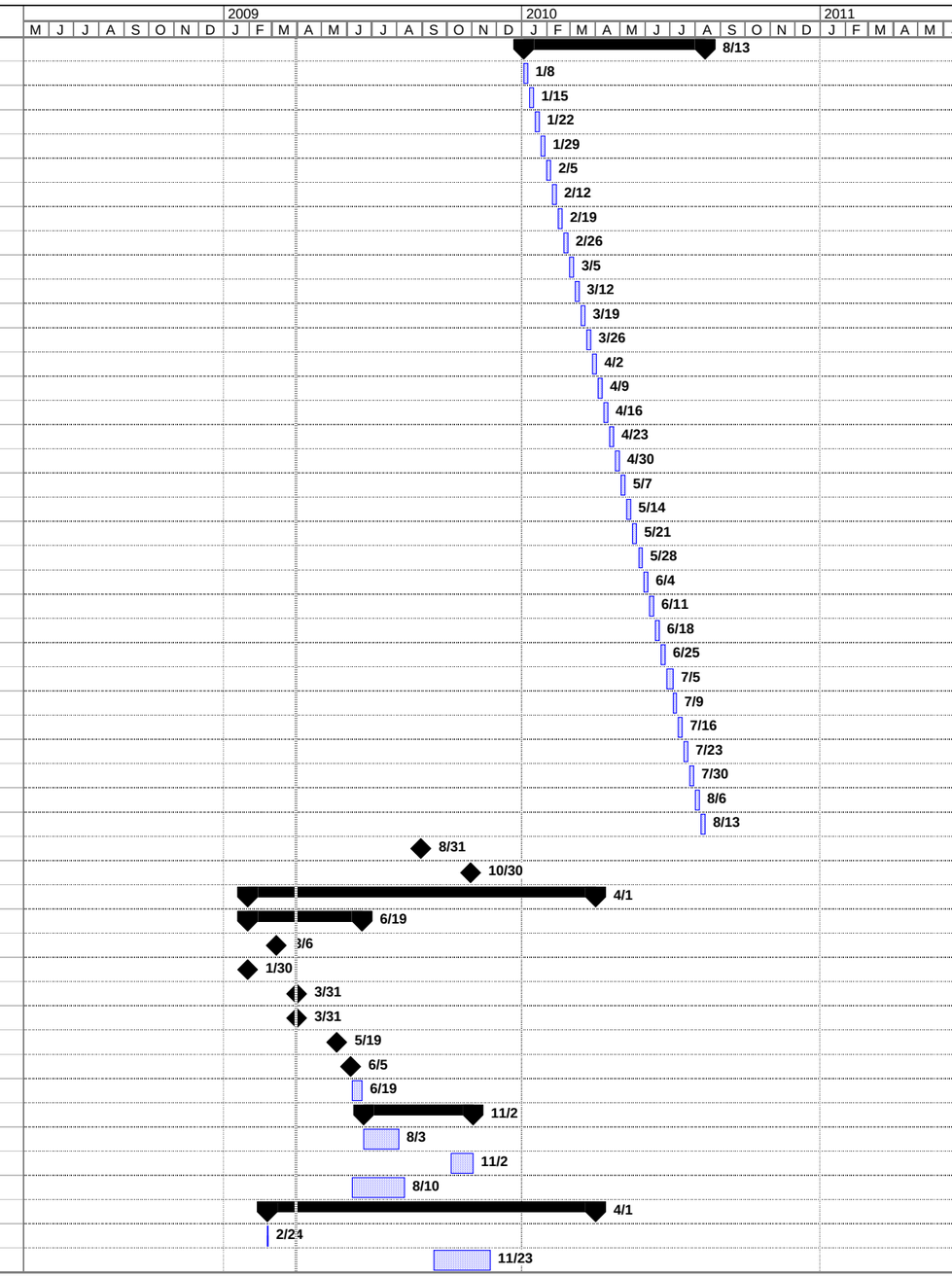
125	**EDS**	**7/24 State Estimator & SCED Testing 2010**	**158 days**	**0%**	**Mon 1/4/10**	**Fri 8/13/10**
126	EDS	7x24 SE/SCED, Wk 8	5 days	0%	Mon 1/4/10	Fri 1/8/10
127	EDS	7x24 SE/SCED, Wk 9	5 days	0%	Mon 1/11/10	Fri 1/15/10
128	EDS	7x24 SE/SCED, Wk 10	5 days	0%	Mon 1/18/10	Fri 1/22/10
129	EDS	7x24 SE/SCED, Wk 11	5 days	0%	Mon 1/25/10	Fri 1/29/10
130	EDS	7x24 SE/SCED, Wk 12	5 days	0%	Mon 2/1/10	Fri 2/5/10
131	EDS	7x24 SE/SCED, Wk 13	5 days	0%	Mon 2/8/10	Fri 2/12/10
132	EDS	7x24 SE/SCED, Wk 14	5 days	0%	Mon 2/15/10	Fri 2/19/10
133	EDS	7x24 SE/SCED, Wk 15	5 days	0%	Mon 2/22/10	Fri 2/26/10
134	EDS	7x24 SE/SCED, Wk 16	5 days	0%	Mon 3/1/10	Fri 3/5/10
135	EDS	7x24 SE/SCED, Wk 17	5 days	0%	Mon 3/8/10	Fri 3/12/10
136	EDS	7x24 SE/SCED, Wk 18	5 days	0%	Mon 3/15/10	Fri 3/19/10
137	EDS	7x24 SE/SCED, Wk 19	5 days	0%	Mon 3/22/10	Fri 3/26/10
138	EDS	7x24 SE/SCED, Wk 20	5 days	0%	Mon 3/29/10	Fri 4/2/10
139	EDS	7x24 SE/SCED, Wk 21	5 days	0%	Mon 4/5/10	Fri 4/9/10
140	EDS	7x24 SE/SCED, Wk 22	5 days	0%	Mon 4/12/10	Fri 4/16/10
141	EDS	7x24 SE/SCED, Wk 23	5 days	0%	Mon 4/19/10	Fri 4/23/10
142	EDS	7x24 SE/SCED, Wk 24	5 days	0%	Mon 4/26/10	Fri 4/30/10
143	EDS	7x24 SE/SCED, Wk 25	5 days	0%	Mon 5/3/10	Fri 5/7/10
144	EDS	7x24 SE/SCED, Wk 26	5 days	0%	Mon 5/10/10	Fri 5/14/10
145	EDS	7x24 SE/SCED, Wk 27	5 days	0%	Mon 5/17/10	Fri 5/21/10
146	EDS	7x24 SE/SCED, Wk 28	4 days	0%	Tue 5/25/10	Fri 5/28/10
147	EDS	7x24 SE/SCED, Wk 29	5 days	0%	Mon 5/31/10	Fri 6/4/10
148	EDS	7x24 SE/SCED, Wk 30	5 days	0%	Mon 6/7/10	Fri 6/11/10
149	EDS	7x24 SE/SCED, Wk 31	5 days	0%	Mon 6/14/10	Fri 6/18/10
150	EDS	7x24 SE/SCED, Wk 32	5 days	0%	Mon 6/21/10	Fri 6/25/10
151	EDS	7x24 SE/SCED, Wk 33	5 days	0%	Mon 6/28/10	Mon 7/5/10
152	EDS	7x24 SE/SCED, Wk 34	4 days	0%	Tue 7/6/10	Fri 7/9/10
153	EDS	7x24 SE/SCED, Wk 35	5 days	0%	Mon 7/12/10	Fri 7/16/10
154	EDS	7x24 SE/SCED, Wk 36	5 days	0%	Mon 7/19/10	Fri 7/23/10
155	EDS	7x24 SE/SCED, Wk 37	5 days	0%	Mon 7/26/10	Fri 7/30/10
156	EDS	7x24 SE/SCED, Wk 38	5 days	0%	Mon 8/2/10	Fri 8/6/10
157	EDS	7x24 SE/SCED, Wk 39	5 days	0%	Mon 8/9/10	Fri 8/13/10
158	EDS	7 X 24 ERCOT monitoring and reporting of Telemetry and SE	0 days	0%	Mon 8/31/09	Mon 8/31/09
159	EDS	SE and Telemetry criteria achieved	0 days	0%	Fri 10/30/09	Fri 10/30/09
160	**EDS**	**EDS 2 Release 4: NMMS testing**	**289 days**	**0%**	**Fri 1/30/09**	**Thu 4/1/10**
161	**EDS**	**Documentation**	**99 days**	**0%**	**Fri 1/30/09**	**Fri 6/19/09**
163	EDS	Receive V1.21 NNMS Validated Dataset from NMMS	0 days	0%	Fri 3/6/09	Fri 3/6/09
164	EDS	Publish draft NMMS validation rules for MP review	0 days	100%	Fri 1/30/09	Fri 1/30/09
166	EDS	Receive Draft Validation rules from NMMS	0 days	0%	Tue 3/31/09	Tue 3/31/09
167	EDS	Publish revised draft validation rules for MP review	0 days	0%	Tue 3/31/09	Tue 3/31/09
169	EDS	Publish draft Modeling guidelines document for MP review	0 days	0%	Tue 5/19/09	Tue 5/19/09
171	EDS	Publish final Modeling guidelines document for MP review	0 days	0%	Fri 6/5/09	Fri 6/5/09
172	EDS	TSP review of Modeling guidelines	10 days	0%	Mon 6/8/09	Fri 6/19/09
173	**EDS**	**Training**	**95 days**	**0%**	**Mon 6/22/09**	**Mon 11/2/09**
174	EDS	Provide TSP training on Modeling Guidelines and NOMCR process	30 days	0%	Mon 6/22/09	Mon 8/3/09
175	EDS	2nd round of TSP training on Modeling Guidelines and NOMCR process	20 days	0%	Wed 10/7/09	Mon 11/2/09
177	EDS	TSPs test NOMCR submissions: EDS 2	45 days	0%	Mon 6/8/09	Mon 8/10/09
178	**EDS**	**MOD**	**273 days**	**1%**	**Tue 2/24/09**	**Thu 4/1/10**
179	EDS	Begin engagement of SSWG for Planning model go-live activity definition	1 day	100%	Tue 2/24/09	Tue 2/24/09
180	EDS	Develop MOD training	50 days	0%	Wed 9/16/09	Mon 11/23/09



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

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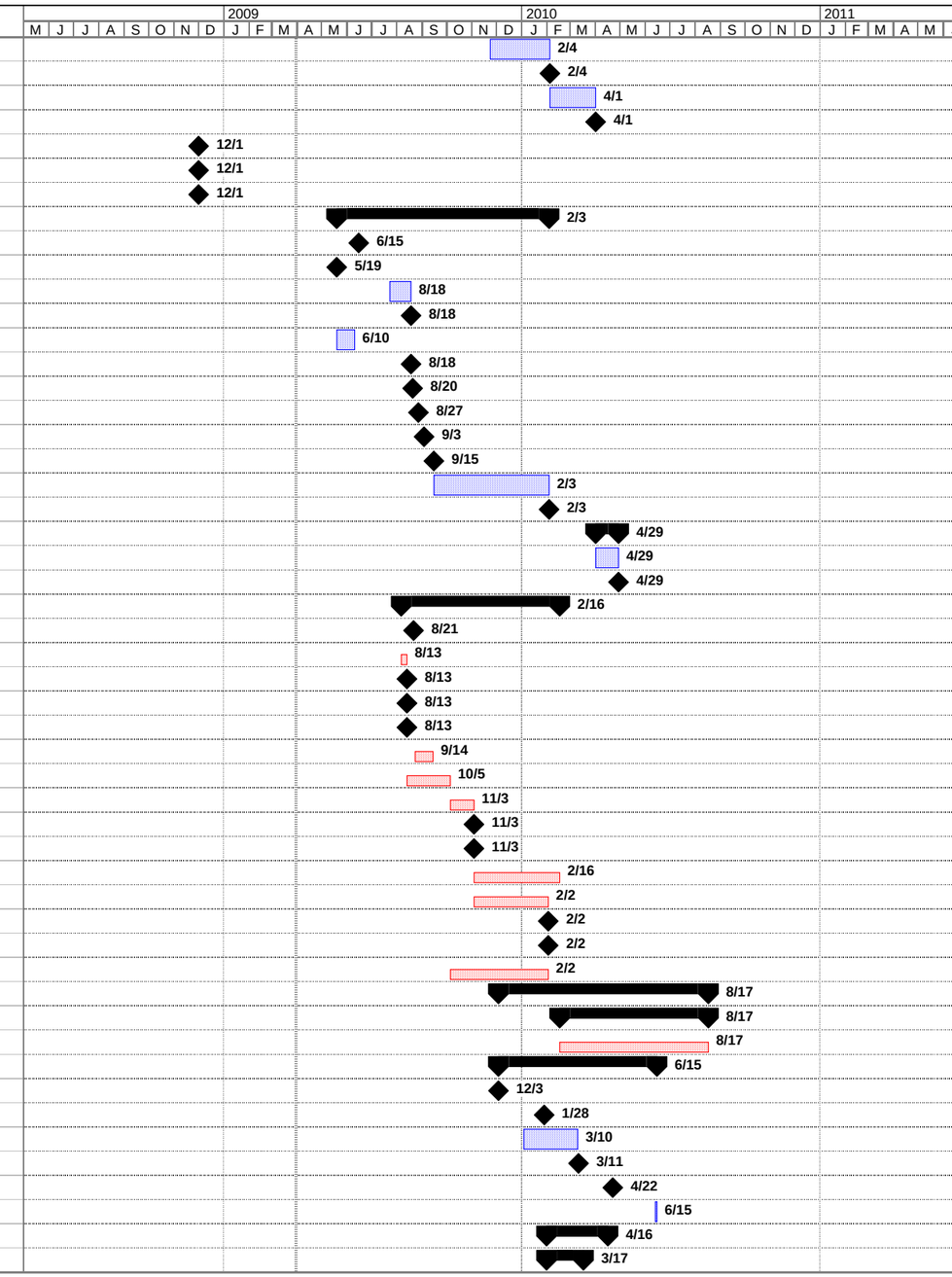
ID	Project Name	Task Name	Duration	% Complete	Start	Finish
181	EDS	Conduct MOD training to TSPs	40 days	0%	Tue 11/24/09	Thu 2/4/10
182	EDS	TSP MOD training complete	0 days	0%	Thu 2/4/10	Thu 2/4/10
183	EDS	TSP MOD and PMCR testing: EDS 2	40 days	0%	Fri 2/5/10	Thu 4/1/10
184	EDS	Exit EDS 2	0 days	0%	Thu 4/1/10	Thu 4/1/10
185	**EDS**	**SOTE**	**0 days**	**100%**	**Mon 12/1/08**	**Mon 12/1/08**
186	EDS	SOTE Launch	0 days	100%	Mon 12/1/08	Mon 12/1/08
187	EDS	Conduct SOTE Launch Webex	0 days	100%	Mon 12/1/08	Mon 12/1/08
188	**EDS**	**SEM Go-Live**	**171 days**	**0%**	**Tue 5/19/09**	**Wed 2/3/10**
189	EDS	Seed Model Freeze	0 days	0%	Mon 6/15/09	Mon 6/15/09
191	EDS	Receive Deployment of NMMS to Production for SEM from NMMS	0 days	0%	Tue 5/19/09	Tue 5/19/09
193	EDS	ERCOT conducts Data Consistency Check	18 days	0%	Fri 7/24/09	Tue 8/18/09
195	EDS	ERCOT publishes Data Consistency Check results	0 days	0%	Tue 8/18/09	Tue 8/18/09
196	EDS	NMMS Production Readiness for SEM	15 days	0%	Wed 5/20/09	Wed 6/10/09
198	EDS	Receive SEM Entrance criteria met from NMMS	0 days	0%	Tue 8/18/09	Tue 8/18/09
199	EDS	TPTF Approval for SEM Go-Live	0 days	0%	Thu 8/20/09	Thu 8/20/09
200	EDS	TAC Approval for SEM Go-Live	0 days	0%	Thu 8/27/09	Thu 8/27/09
201	EDS	BOD Approval for SEM Go-Live	0 days	0%	Thu 9/3/09	Thu 9/3/09
202	EDS	SEM Go-Live	0 days	0%	Tue 9/15/09	Tue 9/15/09
203	EDS	TSP model synchronization after SEM Go-Live	89 days	0%	Wed 9/16/09	Wed 2/3/10
204	EDS	ERCOT transitions to Nodal Protocol Section 3 for Network Model management	0 days	0%	Wed 2/3/10	Wed 2/3/10
205	**EDS**	**Planning Model (MOD)**	**20 days**	**0%**	**Fri 4/2/10**	**Thu 4/29/10**
206	EDS	Planning Model go-live sequence	20 days	0%	Fri 4/2/10	Thu 4/29/10
207	EDS	Planning Model Go-Live	0 days	0%	Thu 4/29/10	Thu 4/29/10
208	**EDS**	**EDS 4 Release 9.1 (Connectivity & Submissions Testing)**	**125 days**	**0%**	**Fri 8/7/09**	**Tue 2/16/10**
209	EDS	Receive MP Communications from INT	0 days	0%	Fri 8/21/09	Fri 8/21/09
212	EDS	Deploy MMS 5, EIP 1.19 and MMS UI deployed for MPs	5 days	0%	Fri 8/7/09	Thu 8/13/09
213	EDS	MMS 5, EIP 1.19 and MMS UI deployed for MP use	0 days	0%	Thu 8/13/09	Thu 8/13/09
214	EDS	"Get Reports" Webservice deployed for MP use	0 days	0%	Thu 8/13/09	Thu 8/13/09
215	EDS	MPIM available to MPs	0 days	0%	Thu 8/13/09	Thu 8/13/09
216	EDS	Begin MP Communications for Submissions Testing	15 days	0%	Mon 8/24/09	Mon 9/14/09
217	EDS	QSE development and testing on MMS 5, EIP 1.19 and MMS UI	36 days	0%	Fri 8/14/09	Mon 10/5/09
218	EDS	QSE w/Resource Qualification for SCED	22 days	0%	Tue 10/6/09	Tue 11/3/09
219	EDS	Begin posting LMPs on MIS	0 days	0%	Tue 11/3/09	Tue 11/3/09
220	EDS	QSE w/Resource qualification complete for SCED	0 days	0%	Tue 11/3/09	Tue 11/3/09
221	EDS	Execute SCED and evaluate LMPs	62 days	0%	Wed 11/4/09	Tue 2/16/10
222	EDS	QSEs qualification for DAM	52 days	0%	Wed 11/4/09	Tue 2/2/10
223	EDS	QSEs w/Resource qualification complete for DAM	0 days	0%	Tue 2/2/10	Tue 2/2/10
224	EDS	QSEs w/o Resource qualification complete for DAM	0 days	0%	Tue 2/2/10	Tue 2/2/10
225	EDS	ERCOT measures and reports MP qualification to TPTF	74 days	0%	Tue 10/6/09	Tue 2/2/10
226	**EDS**	**EDS 3**	**171 days**	**0%**	**Thu 12/3/09**	**Tue 8/17/10**
227	**EDS**	**EDS 3 Release 5**	**128 days**	**0%**	**Wed 2/17/10**	**Tue 8/17/10**
228	EDS	Publish LMPs for 6 months	128 days	0%	Wed 2/17/10	Tue 8/17/10
229	**EDS**	**EDS 3 Release 6**	**127 days**	**0%**	**Thu 12/3/09**	**Tue 6/15/10**
230	EDS	EMBP Open Loop Test 1	0 days	0%	Thu 12/3/09	Thu 12/3/09
231	EDS	Non-Spin Open Loop Test 2	0 days	0%	Thu 1/28/10	Thu 1/28/10
232	EDS	LFC Individual QSE testing	48 days	0%	Mon 1/4/10	Wed 3/10/10
233	EDS	2-Hr LFC Test	0 days	0%	Thu 3/11/10	Thu 3/11/10
234	EDS	8-Hr LFC Test	0 days	0%	Thu 4/22/10	Thu 4/22/10
235	EDS	48-Hr LFC Test	2 days	0%	Mon 6/14/10	Tue 6/15/10
236	**EDS**	**EDS 3 Release 7**	**55 days**	**0%**	**Mon 2/1/10**	**Fri 4/16/10**
237	**EDS**	**Test annual CRR auction**	**33 days**	**0%**	**Mon 2/1/10**	**Wed 3/17/10**



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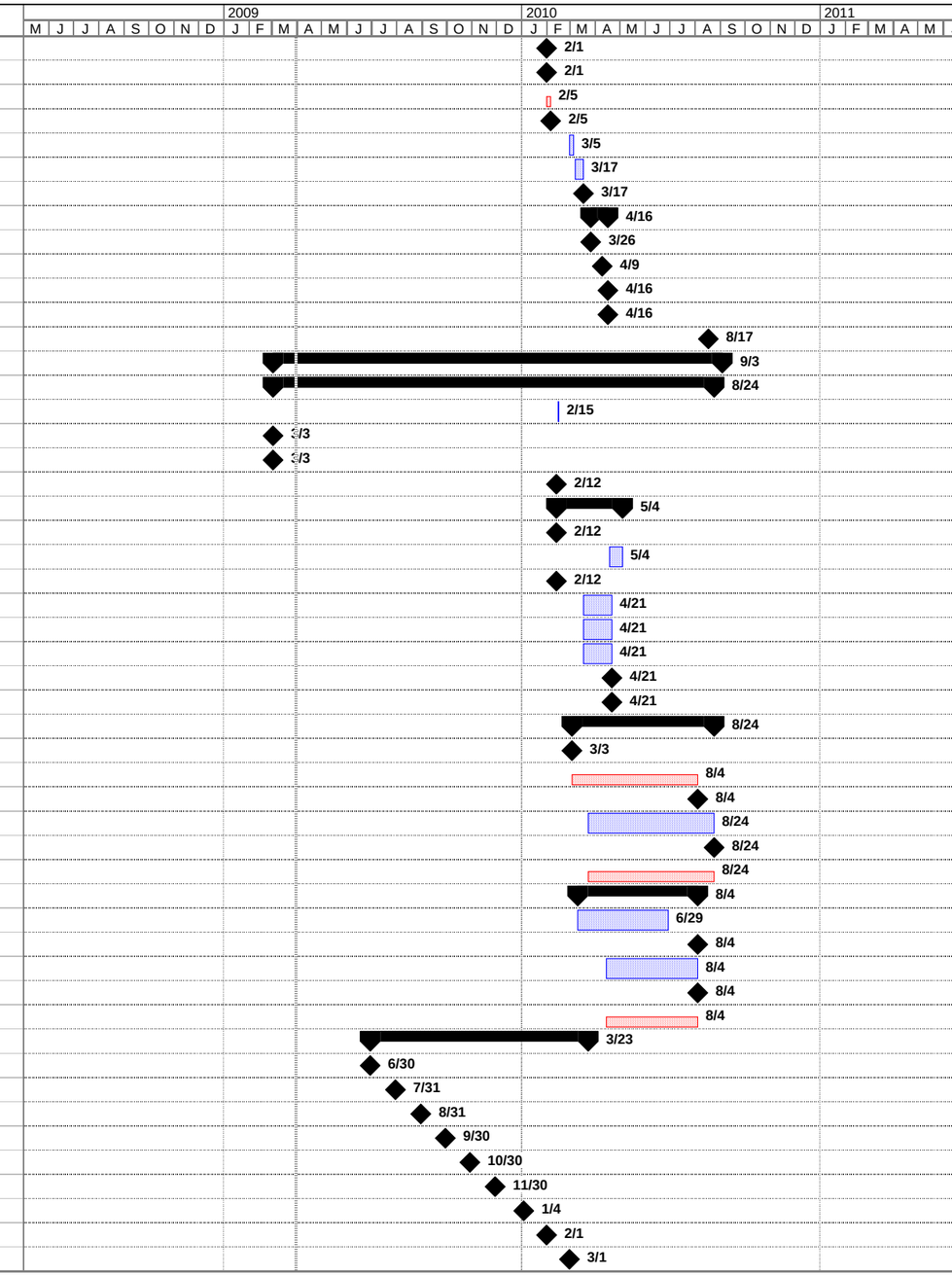
Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
238	EDS	Test annual CRR auction kick-off	0 days	0%	Mon 2/1/10	Mon 2/1/10
239	EDS	Post CRR network Model for Test annual CRR auction	0 days	0%	Mon 2/1/10	Mon 2/1/10
240	EDS	PCRR nomination window	5 days	0%	Mon 2/1/10	Fri 2/5/10
241	EDS	Post PCRR results	0 days	0%	Fri 2/5/10	Fri 2/5/10
242	EDS	Open Bid submission window for test annual CRR auction	5 days	0%	Mon 3/1/10	Fri 3/5/10
243	EDS	CRR bid submission window and CRR auction execution	8 days	0%	Mon 3/8/10	Wed 3/17/10
244	EDS	Post test annual CRR auction results	0 days	0%	Wed 3/17/10	Wed 3/17/10
245	**EDS**	**Integrated test CRR monthly Auction (EDS 3 Release 7.5)**	**15 days**	**0%**	**Fri 3/26/10**	**Fri 4/16/10**
246	EDS	Post CRR Network Model and true-up results	0 days	0%	Fri 3/26/10	Fri 3/26/10
247	EDS	Open Bid submission window for mock CRR monthly auction	0 days	0%	Fri 4/9/10	Fri 4/9/10
248	EDS	Post mock CRR monthly auction results	0 days	0%	Fri 4/16/10	Fri 4/16/10
249	EDS	Integrated CRR Test Auction complete	0 days	0%	Fri 4/16/10	Fri 4/16/10
250	EDS	Exit EDS 3	0 days	0%	Tue 8/17/10	Tue 8/17/10
251	**EDS**	**EDS 4**	**377 days**	**0%**	**Tue 3/3/09**	**Fri 9/3/10**
252	**EDS**	**EDS 4 Release 8**	**369 days**	**0%**	**Tue 3/3/09**	**Tue 8/24/10**
253	EDS	TPTF approval for test Network Model to be used for EDS 4.8	1 day	0%	Mon 2/15/10	Mon 2/15/10
255	EDS	Publish Extract DDL to MPs	0 days	100%	Tue 3/3/09	Tue 3/3/09
257	EDS	Publish User Guides to MPs	0 days	100%	Tue 3/3/09	Tue 3/3/09
258	EDS	Publish COMS sample Extracts / Statements / Invoices with system generated data	0 days	0%	Fri 2/12/10	Fri 2/12/10
259	**EDS**	**EDS 4 Release 8.1 (Credit & CRR Auction Invoices)**	**57 days**	**0%**	**Fri 2/12/10**	**Tue 5/4/10**
260	EDS	Calculated ACL publishing begins for EDS	0 days	0%	Fri 2/12/10	Fri 2/12/10
261	EDS	Verify MMS & CRR system capable of receiving Credit Limits	12 days	0%	Mon 4/19/10	Tue 5/4/10
262	EDS	Verify CMM capability to calculate Credit score	0 days	0%	Fri 2/12/10	Fri 2/12/10
263	EDS	Conduct CRR bilateral trades	25 days	0%	Thu 3/18/10	Wed 4/21/10
264	EDS	Publish integrated CRR auction, Balancing Account, CARD and Late Fee Invoices	25 days	0%	Thu 3/18/10	Wed 4/21/10
265	EDS	Publish CRR Balancing Account Extract, CARD Extract and Late Fee Extract	25 days	0%	Thu 3/18/10	Wed 4/21/10
266	EDS	ERCOT verification of CRR auction Invoices	0 days	0%	Wed 4/21/10	Wed 4/21/10
267	EDS	Generate CRR Auction Invoices that have zero dollar difference between a sample set & the CRR Auction Results	0 days	0%	Wed 4/21/10	Wed 4/21/10
268	**EDS**	**EDS 4 Release 8.2 (DAM Extracts, Statements & Invoices)**	**122 days**	**0%**	**Wed 3/3/10**	**Tue 8/24/10**
269	EDS	Begin publishing Settlement Statements, Extracts and Invoices per Protocol timelines	0 days	0%	Wed 3/3/10	Wed 3/3/10
270	EDS	Publish DAM Settlement and Resettlement Statements based on Release 9.3 DAM	108 days	0%	Thu 3/4/10	Wed 8/4/10
271	EDS	ERCOT certifies DAM Settlement Statements	0 days	0%	Wed 8/4/10	Wed 8/4/10
272	EDS	Publish DAM Invoices, Late Fee Invoices based on Release 9.3 DAM	108 days	0%	Wed 3/24/10	Tue 8/24/10
273	EDS	ERCOT certifies DAM Invoices	0 days	0%	Tue 8/24/10	Tue 8/24/10
274	EDS	Publish DAM CODE, MODE, PRDE based on Release 9.3 DAM execution	108 days	0%	Wed 3/24/10	Tue 8/24/10
275	**EDS**	**EDS 4 Release 8.3 (RT Extracts, Statements & Invoices)**	**103 days**	**0%**	**Thu 3/11/10**	**Wed 8/4/10**
276	EDS	Publish RTM Initial, Final, Resettlement, True-Up Settlement Statements based on Release 9.3	78 days	0%	Thu 3/11/10	Tue 6/29/10
277	EDS	ERCOT verify & certify RT Settlement Statements	0 days	0%	Wed 8/4/10	Wed 8/4/10
278	EDS	Publish RTM Invoice, Late Fee, Uplift, CARD and Balancing Account Invoices based on Release 9.3	78 days	0%	Thu 4/15/10	Wed 8/4/10
279	EDS	MP verify & certify RT Invoices	0 days	0%	Wed 8/4/10	Wed 8/4/10
280	EDS	Publish RTM CODE, MODE, Public Reference and Settlement Input Data Extracts	78 days	0%	Thu 4/15/10	Wed 8/4/10
281	**EDS**	**EDS 4 Release 8.4 (Verifiable Costs)**	**177 days**	**0%**	**Tue 6/30/09**	**Tue 3/23/10**
282	EDS	Complete submission of Simple Cycle Greater than 90MW	0 days	0%	Tue 6/30/09	Tue 6/30/09
283	EDS	Complete submission of Simple Cycle Less than or Equal to 90MW	0 days	0%	Fri 7/31/09	Fri 7/31/09
284	EDS	Complete submission of Gas Steam Non-Reheat Boiler	0 days	0%	Mon 8/31/09	Mon 8/31/09
285	EDS	Complete submission of Gas Steam Reheat Boiler	0 days	0%	Wed 9/30/09	Wed 9/30/09
286	EDS	Complete submission of Gas Steam Super Critical Boiler	0 days	0%	Fri 10/30/09	Fri 10/30/09
287	EDS	Complete submission of Combined Cycle Less than or Equal to 90MW	0 days	0%	Mon 11/30/09	Mon 11/30/09
288	EDS	Complete submission of Combined Cycle Greater than 90MW	0 days	0%	Mon 1/4/10	Mon 1/4/10
289	EDS	Complete submission of Coal, Lignite	0 days	0%	Mon 2/1/10	Mon 2/1/10
290	EDS	Complete submission of Nuclear, Hydro & Renewable	0 days	0%	Mon 3/1/10	Mon 3/1/10



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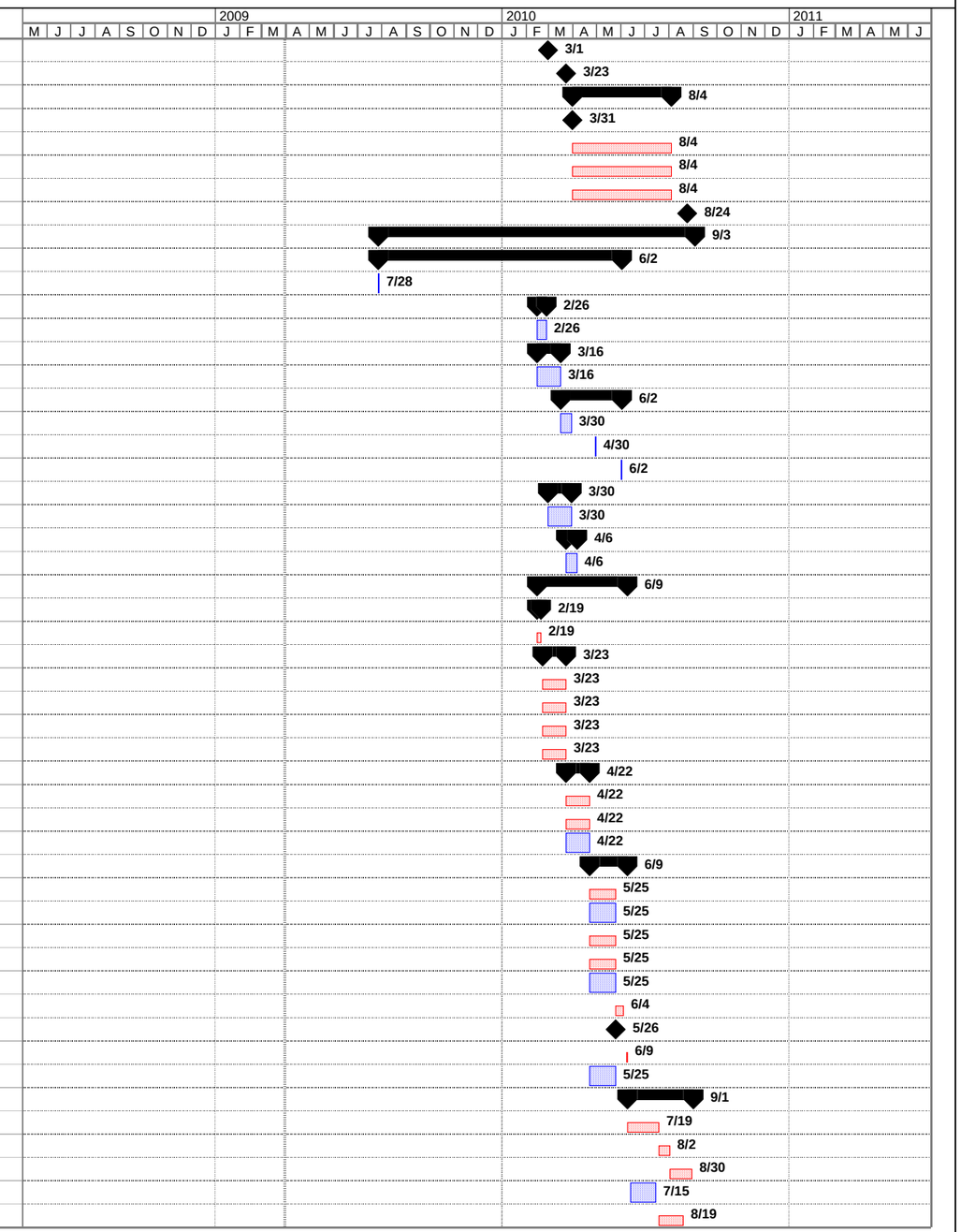
291	EDS	Complete submission of Reciprocating Engines	0 days	0%	Mon 3/1/10	Mon 3/1/10
292	EDS	Upload Verifiable Costs for EDS testing	0 days	0%	Tue 3/23/10	Tue 3/23/10
293	**EDS**	**EDS 4 Release 8.5 (Disputes)**	**88 days**	**0%**	**Wed 3/31/10**	**Wed 8/4/10**
294	EDS	Dispute Webservice available for MP testing	0 days	0%	Wed 3/31/10	Wed 3/31/10
295	EDS	Begin MP submission testing of Disputes	88 days	0%	Thu 4/1/10	Wed 8/4/10
296	EDS	ERCOT processes disputes & inform MPs	88 days	0%	Thu 4/1/10	Wed 8/4/10
297	EDS	ERCOT Verifies dispute process	88 days	0%	Thu 4/1/10	Wed 8/4/10
298	EDS	EDS 4 Release 8 Complete	0 days	0%	Tue 8/24/10	Tue 8/24/10
299	**EDS**	**EDS 4 Release 9**	**274 days**	**0%**	**Tue 7/28/09**	**Fri 9/3/10**
300	**EDS**	**EDS 4 Release 9.2**	**208 days**	**0%**	**Tue 7/28/09**	**Wed 6/2/10**
301	EDS	TSP Training on Outage Scheduler Webservices	1 day	0%	Tue 7/28/09	Tue 7/28/09
302	**EDS**	**EDS 4 Release 9.2.1**	**10 days**	**0%**	**Mon 2/15/10**	**Fri 2/26/10**
303	EDS	Conduct FOD business process testing	10 days	0%	Mon 2/15/10	Fri 2/26/10
304	**EDS**	**EDS 4 Release 9.2.2**	**22 days**	**0%**	**Mon 2/15/10**	**Tue 3/16/10**
305	EDS	Outage Scheduler Submission Testing	22 days	0%	Mon 2/15/10	Tue 3/16/10
306	**EDS**	**EDS 4 Release 9.2.3 (Performance test)**	**55 days**	**0%**	**Wed 3/17/10**	**Wed 6/2/10**
307	EDS	Conduct OS performance test	10 days	0%	Wed 3/17/10	Tue 3/30/10
308	EDS	Dual-entry of Outages - Day 1	1 day	0%	Fri 4/30/10	Fri 4/30/10
309	EDS	Dual-entry of Outages - Day 2	1 day	0%	Wed 6/2/10	Wed 6/2/10
310	**EDS**	**EDS 4 Release 9.2.4 (OE test)**	**22 days**	**0%**	**Mon 3/1/10**	**Tue 3/30/10**
311	EDS	Verification of Outage Evaluation	22 days	0%	Mon 3/1/10	Tue 3/30/10
312	**EDS**	**EDS 4 Release 9.2.5 (integrations)**	**10 days**	**0%**	**Wed 3/24/10**	**Tue 4/6/10**
313	EDS	Conduct OS integration testing	10 days	0%	Wed 3/24/10	Tue 4/6/10
314	**EDS**	**EDS 4 Release 9.3 (former 9.3 & 9.4 together)**	**82 days**	**0%**	**Mon 2/15/10**	**Wed 6/9/10**
315	**EDS**	**Phase 1 - Submissions**	**5 days**	**0%**	**Mon 2/15/10**	**Fri 2/19/10**
316	EDS	Re-Start DAM/RUC Submissions	5 days	0%	Mon 2/15/10	Fri 2/19/10
317	**EDS**	**Phase 2 - DAM 2d/wk**	**22 days**	**0%**	**Mon 2/22/10**	**Tue 3/23/10**
318	EDS	Post Pre-DAM reports (EIP & MIS)	22 days	0%	Mon 2/22/10	Tue 3/23/10
319	EDS	Begin execution of DAM 2 days per week	22 days	0%	Mon 2/22/10	Tue 3/23/10
320	EDS	Publish DAM Awards (Notifications)	22 days	0%	Mon 2/22/10	Tue 3/23/10
321	EDS	Publish DAM reports (EIP & MIS)	22 days	0%	Mon 2/22/10	Tue 3/23/10
322	**EDS**	**Phase 3 - DAM & RUC 2d/wk**	**22 days**	**0%**	**Wed 3/24/10**	**Thu 4/22/10**
323	EDS	Continue execution of DAM	22 days	0%	Wed 3/24/10	Thu 4/22/10
324	EDS	Execute DRUC & HRUC for 2 days	22 days	0%	Wed 3/24/10	Thu 4/22/10
325	EDS	Publish DRUC & HRUC reports	22 days	0%	Wed 3/24/10	Thu 4/22/10
326	**EDS**	**Phase 4 - Full Mkt Timeline 5d/wk**	**33 days**	**0%**	**Fri 4/23/10**	**Wed 6/9/10**
327	EDS	Begin DAM & DRUC execution 5 days per week	22 days	0%	Fri 4/23/10	Tue 5/25/10
328	EDS	Begin HRUC 4x24	22 days	0%	Fri 4/23/10	Tue 5/25/10
329	EDS	Begin intermittent SASM execution	22 days	0%	Fri 4/23/10	Tue 5/25/10
330	EDS	Issue SASM notifications	22 days	0%	Fri 4/23/10	Tue 5/25/10
331	EDS	Publish SASM reports	22 days	0%	Fri 4/23/10	Tue 5/25/10
332	EDS	Execute full market timeline for 7 consecutive days	8 days	0%	Wed 5/26/10	Fri 6/4/10
333	EDS	Deliver EECP test details to iTEST	0 days	0%	Wed 5/26/10	Wed 5/26/10
334	EDS	Execute EECP test	1 day	0%	Wed 6/9/10	Wed 6/9/10
335	EDS	Market Participant EDS scenario testing	22 days	0%	Fri 4/23/10	Tue 5/25/10
336	**EDS**	**EDS 4 Release 9.4 - Pre-test for 168-Hour test (former 9.5)**	**59 days**	**0%**	**Thu 6/10/10**	**Wed 9/1/10**
337	EDS	Conduct Integrated CIM business process testing	27 days	0%	Thu 6/10/10	Mon 7/19/10
338	EDS	Market Participant Performance testing of Nodal systems	10 days	0%	Tue 7/20/10	Mon 8/2/10
339	EDS	Conduct DST test	20 days	0%	Tue 8/3/10	Mon 8/30/10
340	EDS	Verify MIS Compliance with Requirements	23 days	0%	Mon 6/14/10	Thu 7/15/10
341	EDS	Conduct fail-over test (multiple attempts)	23 days	0%	Tue 7/20/10	Thu 8/19/10



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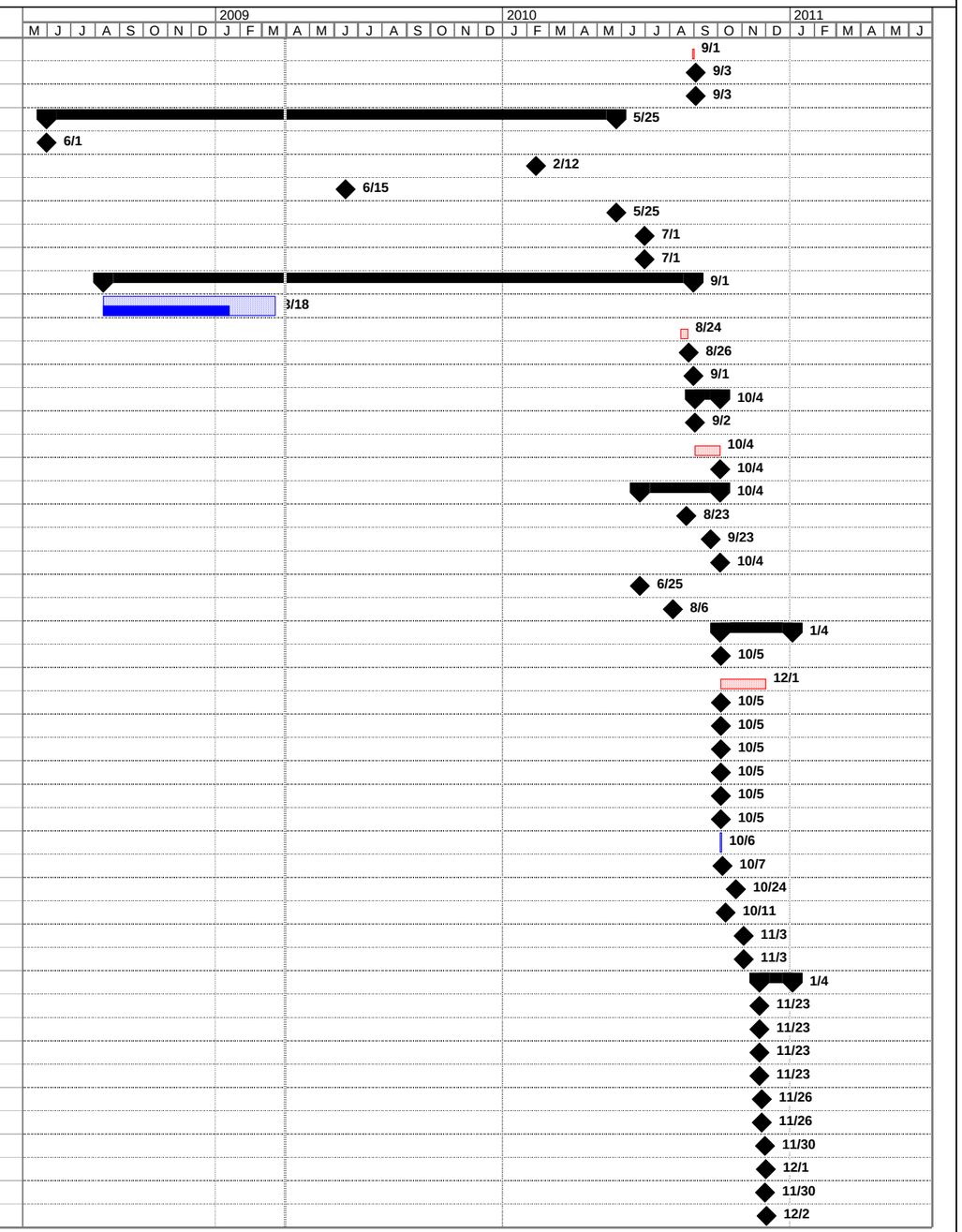
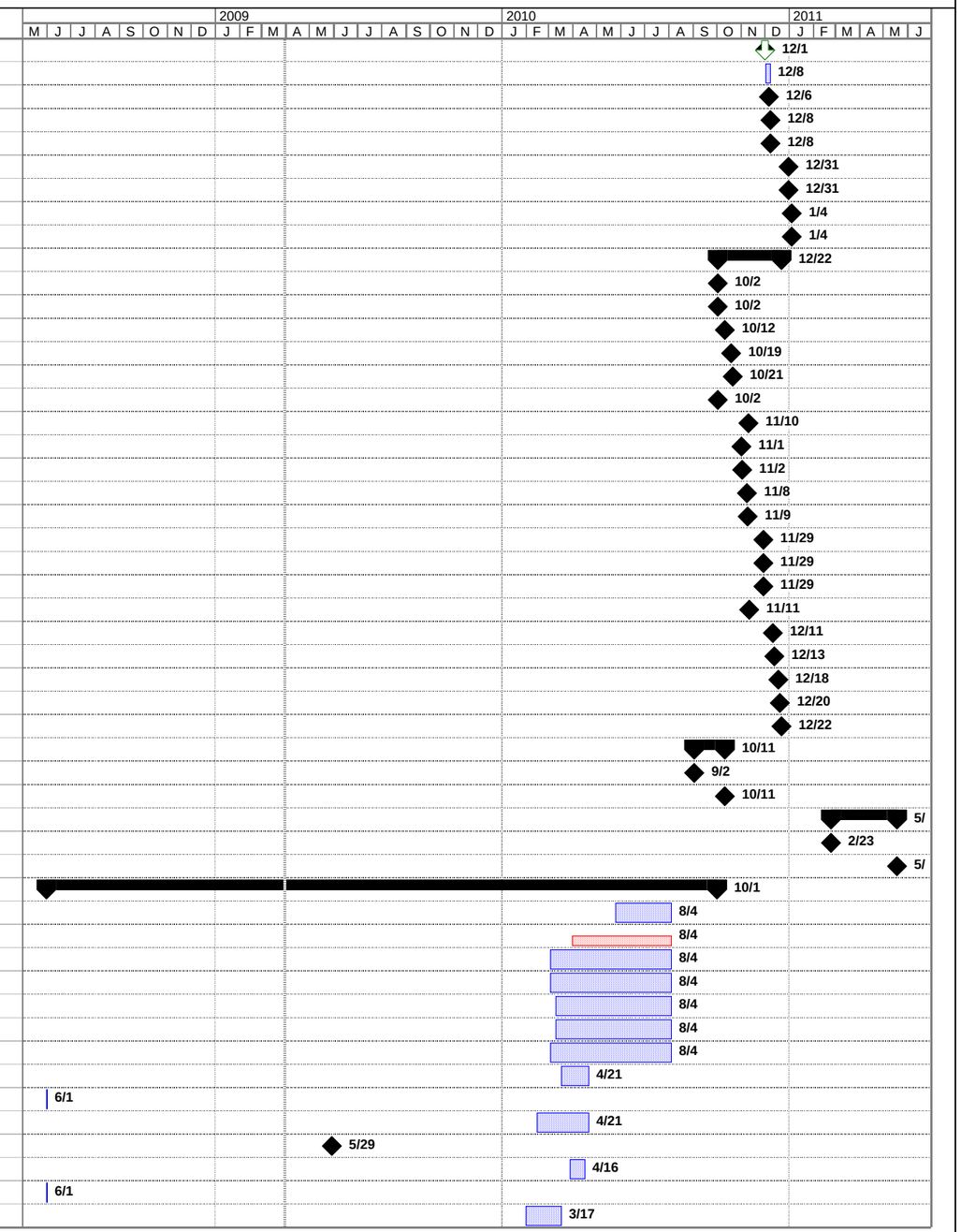
342	EDS	Complete 48 hours of full market timeline without Sev 1 or Sev 2 errors	2 days	0%	Tue 8/31/10	Wed 9/1/10
343	EDS	EDS 4 Release 9 Complete	0 days	0%	Fri 9/3/10	Fri 9/3/10
344	EDS	Exit EDS 4	0 days	0%	Fri 9/3/10	Fri 9/3/10
345	**EDS**	**Health Checks**	**487 days**	**0%**	**Sun 6/1/08**	**Tue 5/25/10**
346	EDS	CIM Health check complete	0 days	100%	Sun 6/1/08	Sun 6/1/08
347	EDS	Performance Health check complete	0 days	0%	Fri 2/12/10	Fri 2/12/10
348	EDS	Defect Health check complete	0 days	0%	Mon 6/15/09	Mon 6/15/09
349	EDS	Business process completed health check complete	0 days	0%	Tue 5/25/10	Tue 5/25/10
350	**EDS**	**MOTE**	**0 days**	**0%**	**Thu 7/1/10**	**Thu 7/1/10**
351	EDS	MOTE Environment Available for MP Access	0 days	0%	Thu 7/1/10	Thu 7/1/10
352	**EDS**	**168-Hour test readiness**	**505 days**	**67%**	**Tue 8/12/08**	**Wed 9/1/10**
353	EDS	CCT	143 days	70%	Tue 8/12/08	Wed 3/18/09
354	EDS	Mock CRR Auction for 168-Hour test	7 days	0%	Mon 8/16/10	Tue 8/24/10
355	EDS	Publish test MP ACL for 168-Hour test	0 days	0%	Thu 8/26/10	Thu 8/26/10
356	EDS	Migrate Zonal outages to Nodal Outage Scheduler	0 days	0%	Wed 9/1/10	Wed 9/1/10
357	**EDS**	**168-Hour Test**	**21 days**	**0%**	**Thu 9/2/10**	**Mon 10/4/10**
358	EDS	168-Hour Test Start	0 days	0%	Thu 9/2/10	Thu 9/2/10
359	EDS	168-Hour Test	21 days	0%	Fri 9/3/10	Mon 10/4/10
360	EDS	168-Hour Test End	0 days	0%	Mon 10/4/10	Mon 10/4/10
361	**EDS**	**Qualification**	**70 days**	**0%**	**Fri 6/25/10**	**Mon 10/4/10**
362	EDS	QSE declaration of intent to participate in Nodal	0 days	0%	Mon 8/23/10	Mon 8/23/10
363	EDS	Final warning to QSEs not meeting Readiness Criteria	0 days	0%	Thu 9/23/10	Thu 9/23/10
364	EDS	ERCOT notifies QSE who are qualified to participate for the TNMID	0 days	0%	Mon 10/4/10	Mon 10/4/10
365	EDS	Certification complete for CRR Account Holders participating in 1st auction	0 days	0%	Fri 6/25/10	Fri 6/25/10
366	EDS	Certification complete for CRR Account Holders participating in 2nd auction	0 days	0%	Fri 8/6/10	Fri 8/6/10
367	**EDS**	**Go-Live Period**	**66 days**	**0%**	**Tue 10/5/10**	**Tue 1/4/11**
368	EDS	Go-Live Period Start	0 days	0%	Tue 10/5/10	Tue 10/5/10
369	EDS	Activities Prior to Go-Live	41 days	0%	Wed 10/6/10	Wed 12/1/10
370	EDS	Complete determination of Competitive Constraints for post Go-Live	0 days	0%	Tue 10/5/10	Tue 10/5/10
371	EDS	Determine minimum shift factor percentage for each contingency	0 days	0%	Tue 10/5/10	Tue 10/5/10
372	EDS	ERCOT Readiness declaration	0 days	0%	Tue 10/5/10	Tue 10/5/10
373	EDS	MP Readiness declaration	0 days	0%	Tue 10/5/10	Tue 10/5/10
374	EDS	TPTF certification of Readiness	0 days	0%	Tue 10/5/10	Tue 10/5/10
375	EDS	ERCOT publish MP creditworthiness & unsecured credit	0 days	0%	Tue 10/5/10	Tue 10/5/10
376	EDS	Post 168 Hour LFC Test	2 days	0%	Tue 10/5/10	Wed 10/6/10
377	EDS	TAC certification of Readiness	0 days	0%	Thu 10/7/10	Thu 10/7/10
378	EDS	TPTF approval of Network Model for TNMID	0 days	0%	Sun 10/24/10	Sun 10/24/10
379	EDS	ERCOT BOD certification of Readiness	0 days	0%	Mon 10/11/10	Mon 10/11/10
380	EDS	First Notice for transition to Nodal Protocols on TNMID	0 days	0%	Wed 11/3/10	Wed 11/3/10
381	EDS	Final software migration for defect correction before TNMID	0 days	0%	Wed 11/3/10	Wed 11/3/10
382	**EDS**	**Go Live Sequence**	**30 days**	**0%**	**Tue 11/23/10**	**Tue 1/4/11**
383	EDS	Start of Go-Live Sequence	0 days	0%	Tue 11/23/10	Tue 11/23/10
384	EDS	Second Notice for transition to Nodal Protocols on TNMID	0 days	0%	Tue 11/23/10	Tue 11/23/10
385	EDS	Start of the Nodal Transition Outage Management Guideline Plan	0 days	0%	Tue 11/23/10	Tue 11/23/10
386	EDS	Set all Competitive Constraints as Non-Competitive	0 days	0%	Tue 11/23/10	Tue 11/23/10
387	EDS	QSEs begin updates to DAM, Adj Period & RT operations inputs for Nodal	0 days	0%	Fri 11/26/10	Fri 11/26/10
388	EDS	Final test of SASM	0 days	0%	Fri 11/26/10	Fri 11/26/10
389	EDS	Final test of DAM	0 days	0%	Tue 11/30/10	Tue 11/30/10
390	EDS	QSEs & TSPs confirm that Outages in Nodal & Zonal are accurate	0 days	0%	Wed 12/1/10	Wed 12/1/10
391	EDS	Switchover to Nodal for control	0 days	0%	Tue 11/30/10	Tue 11/30/10
392	EDS	Execute 1st binding SASM	0 days	0%	Thu 12/2/10	Thu 12/2/10



Project: Nodal Program
Date: Mon 3/30/09

Task | Task Progress | Critical Task (20d) | Critical Task Progress | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Deadline

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
393	EDS	TNMID (GO LIVE)	0 days	0%	Wed 12/1/10	Wed 12/1/10
395	EDS	QSEs continue zonal submissions for for AS & BE markets	4 days	0%	Fri 12/3/10	Wed 12/8/10
396	EDS	Publish ACL for 1st binding DAM	0 days	0%	Mon 12/6/10	Mon 12/6/10
397	EDS	1st binding DAM	0 days	0%	Wed 12/8/10	Wed 12/8/10
398	EDS	Suspend Zonal submissions for AS & BE markets	0 days	0%	Wed 12/8/10	Wed 12/8/10
399	EDS	End date of Protocol § 21.12.5	0 days	0%	Fri 12/31/10	Fri 12/31/10
400	EDS	ERCOT enables competitive constraints	0 days	0%	Fri 12/31/10	Fri 12/31/10
401	EDS	Completion of the Nodal Transition Outage Management Guideline Plan	0 days	0%	Tue 1/4/11	Tue 1/4/11
402	EDS	End of Go-Live Sequence & Go-Live Period	0 days	0%	Tue 1/4/11	Tue 1/4/11
403	**EDS**	**Go-Live CRR Auction**	**58 days**	**0%**	**Sat 10/2/10**	**Wed 12/22/10**
404	EDS	Publish preliminary Network Model for 1st CRR auction	0 days	0%	Sat 10/2/10	Sat 10/2/10
405	EDS	TPTF approval of CRR Network Model	0 days	0%	Sat 10/2/10	Sat 10/2/10
406	EDS	Start of PCRR nomination for 1st CRR Monthly Auction	0 days	0%	Tue 10/12/10	Tue 10/12/10
407	EDS	Publish 1st Monthly CRR auction notice	0 days	0%	Tue 10/19/10	Tue 10/19/10
408	EDS	Publish PCRR/MCFRI allocation results	0 days	0%	Thu 10/21/10	Thu 10/21/10
409	EDS	Publish CRR Network Model for 1st CRR Monthly Auction	0 days	0%	Sat 10/2/10	Sat 10/2/10
410	EDS	Start of PCRR nomination for 2nd CRR Monthly Auction	0 days	0%	Wed 11/10/10	Wed 11/10/10
411	EDS	Start of CRR bid/offer submission window for 1st CRR Monthly Auction	0 days	0%	Mon 11/1/10	Mon 11/1/10
412	EDS	Publish ACL for 1st CRR Monthly Auction	0 days	0%	Tue 11/2/10	Tue 11/2/10
413	EDS	Publish 1st CRR Monthly Auction results	0 days	0%	Mon 11/8/10	Mon 11/8/10
414	EDS	Publish 1st CRR Monthly Auction Invoice	0 days	0%	Tue 11/9/10	Tue 11/9/10
415	EDS	Publish 2nd CRR monthly auction notice	0 days	0%	Mon 11/29/10	Mon 11/29/10
416	EDS	Publish PCRR/MCFRI allocation results	0 days	0%	Mon 11/29/10	Mon 11/29/10
417	EDS	Publish CRR Network Model for 2nd CRR Monthly Auction	0 days	0%	Mon 11/29/10	Mon 11/29/10
418	EDS	Payment due for 1st CRR Monthly Auction	0 days	0%	Thu 11/11/10	Thu 11/11/10
419	EDS	Start of CRR bid/offer submission window for second CRR Auction	0 days	0%	Sat 12/11/10	Sat 12/11/10
420	EDS	Deadline to submit credit limits for 2nd Monthly CRR Auction	0 days	0%	Mon 12/13/10	Mon 12/13/10
421	EDS	Publication of second Monthly CRR Auction results	0 days	0%	Sat 12/18/10	Sat 12/18/10
422	EDS	Publication of second Monthly CRR Auction Invoice	0 days	0%	Mon 12/20/10	Mon 12/20/10
423	EDS	Payment due for second Monthly CRR Auction	0 days	0%	Wed 12/22/10	Wed 12/22/10
424	**EDS**	**Go-Live period communications**	**26 days**	**0%**	**Thu 9/2/10**	**Mon 10/11/10**
425	EDS	Begin daily Market calls	0 days	0%	Thu 9/2/10	Thu 9/2/10
426	EDS	Begin biweekly communication on Go-Live progress	0 days	0%	Mon 10/11/10	Mon 10/11/10
427	**EDS**	**Post Go-Live Software implementation**	**60 days**	**0%**	**Wed 2/23/11**	**Wed 5/18/11**
428	EDS	1st drop of deferred Nodal functionality	0 days	0%	Wed 2/23/11	Wed 2/23/11
429	EDS	2nd drop of deferred Nodal functionality	0 days	0%	Wed 5/18/11	Wed 5/18/11
430	**EDS**	**Metrics to be completed before 168-Hour Test**	**578 days?**	**16%**	**Sun 6/1/08**	**Fri 10/1/10**
431	EDS	CO1 – Settle market for 7 Days & provide appropriate extracts	50 days	0%	Wed 5/26/10	Wed 8/4/10
432	EDS	CO2 - Verify Dispute Process	88 days	0%	Thu 4/1/10	Wed 8/4/10
433	EDS	CO3 – Verify DAM Settlement Statements	108 days	0%	Thu 3/4/10	Wed 8/4/10
434	EDS	CO4 – Zonal/Nodal Coordinated Settlement Operations	108 days	0%	Thu 3/4/10	Wed 8/4/10
435	EDS	CO5 Verify RTM Settlement Statements	103 days	0%	Thu 3/11/10	Wed 8/4/10
436	EDS	CO6 – Verify RTM Settlement Invoices	103 days	0%	Thu 3/11/10	Wed 8/4/10
437	EDS	CO7 – Verify DAM Invoices	108 days	0%	Thu 3/4/10	Wed 8/4/10
438	EDS	CO8 – Verify CRR Auction Invoices	25 days	0%	Thu 3/18/10	Wed 4/21/10
439	EDS	CO9 - Verify financial Transfer and Processing	1 day?	0%	Sun 6/1/08	Sun 6/1/08
440	EDS	C010 – Verify Credit Calculations	48 days	0%	Mon 2/15/10	Wed 4/21/10
442	EDS	CRR2 – Develop TCR to CRR Transition Plan	0 days	0%	Fri 5/29/09	Fri 5/29/09
443	EDS	CRR3 – Trial operation of Monthly CRR Auction	15 days	0%	Mon 3/29/10	Fri 4/16/10
444	EDS	CRR4 - Implement TCR to CRR Transition Plan	1 day?	0%	Sun 6/1/08	Sun 6/1/08
445	EDS	CRR5 – Trial Operation of Annual CRR Auction during Trials	33 days	0%	Mon 2/1/10	Wed 3/17/10



Project: Nodal Program
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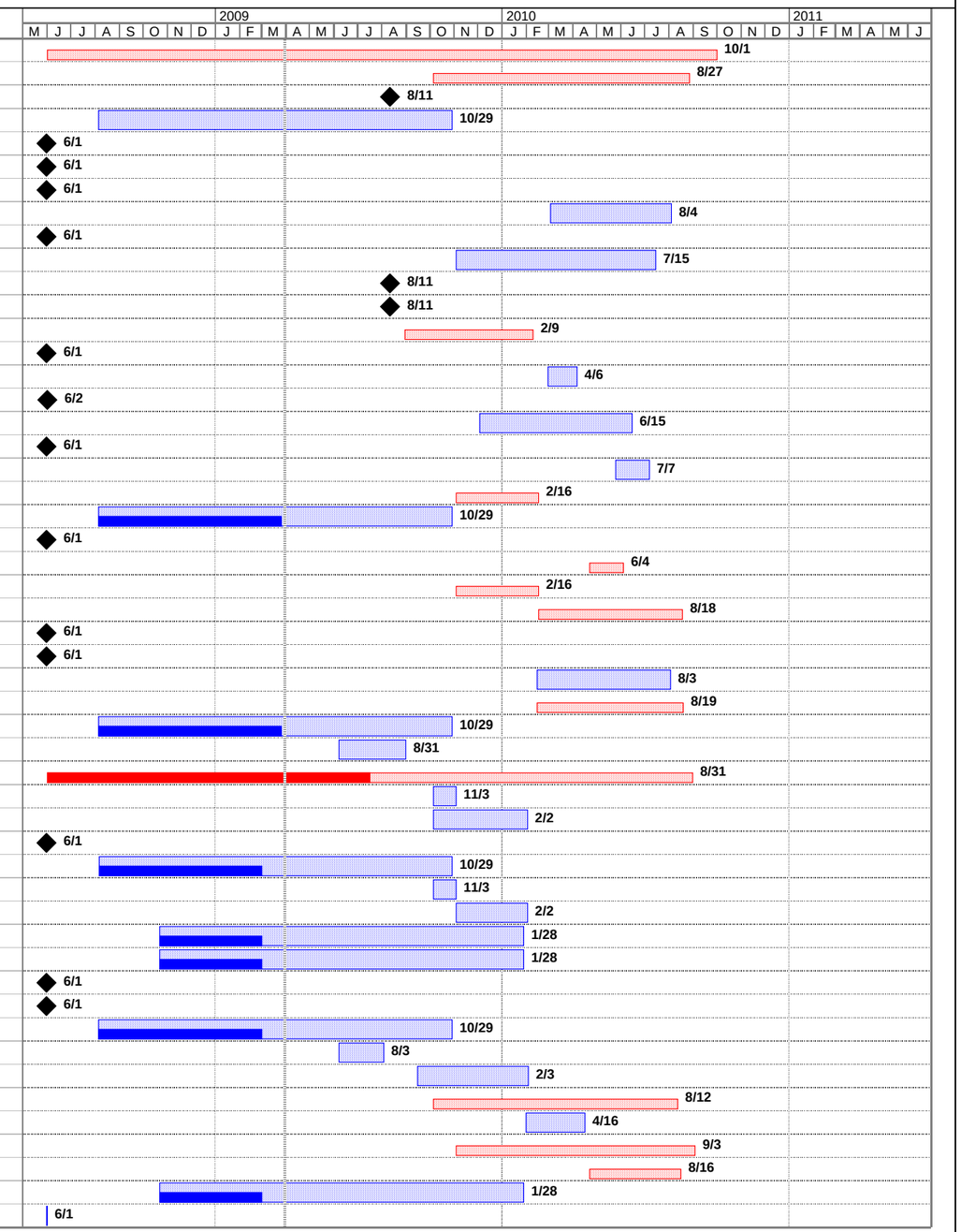
Task		Critical Task Progress		Rolled Up Task		Rolled Up Progress		Project Summary	
Task Progress		Milestone		Rolled Up Critical Task		Split		Group By Summary	
Critical Task (20d)		Summary		Rolled Up Milestone		External Tasks		Deadline	

ERCOT Public
Nodal IPS

ID	Project Name	Task Name	Duration	% Complete	Start	Finish
446	EDS	E0 - ERCOT Engagement	577 days	0%	Mon 6/2/08	Fri 10/1/10
447	EDS	E1 - ERCOT Staff Completes Training	220 days	0%	Tue 10/6/09	Fri 8/27/10
448	EDS	E2 – Verify ERCOT Performance Monitoring Test Plan	0 days	0%	Tue 8/11/09	Tue 8/11/09
449	EDS	E3 – Validate Telemetry/SE-EDW/MIS Access & Data Accuracy	305 days	0%	Wed 8/6/08	Thu 10/29/09
450	EDS	E6 – Develop Nodal Operating Guides	0 days	0%	Sun 6/1/08	Sun 6/1/08
451	EDS	E7 - Validate EDW Access & Accuracy of Postings Required by the IMM & PUCT Rules	0 days	0%	Sun 6/1/08	Sun 6/1/08
452	EDS	E8 – ERCOT Staffed for Texas Nodal Operations	0 days	0%	Sun 6/1/08	Sun 6/1/08
453	EDS	E10 – Validate EDW Commercial Systems Access & Accuracy	108 days	0%	Thu 3/4/10	Wed 8/4/10
454	EDS	E11 – Validate EDW Compliance Data Access	0 days	0%	Sun 6/1/08	Sun 6/1/08
455	EDS	E12 – MIS Compliance Test	167 days	0%	Wed 11/4/09	Thu 7/15/10
456	EDS	E14 – Verify QSE Performance Monitoring Test Plan	0 days	0%	Tue 8/11/09	Tue 8/11/09
457	EDS	E15 – Verify TSP Performance Monitoring Test Plan	0 days	0%	Tue 8/11/09	Tue 8/11/09
458	EDS	EMO1 – Network Security Analysis & Transmission Constraint Management	104 days	0%	Mon 8/31/09	Tue 2/9/10
459	EDS	EMO2 – Verify Voltage Support Functionality	0 days	0%	Sun 6/1/08	Sun 6/1/08
460	EDS	EMO3 – Verify Outage Evaluation System Functionality	27 days	0%	Mon 3/1/10	Tue 4/6/10
461	EDS	EMO5 – Verify ACE performance	0 days	100%	Mon 6/2/08	Mon 6/2/08
462	EDS	EMO6 – QSE Response to Dispatch	127 days	0%	Fri 12/4/09	Tue 6/15/10
463	EDS	EMO7 – Verify Load Forecast Accuracy	0 days	0%	Sun 6/1/08	Sun 6/1/08
464	EDS	EMO8 – Conduct EECP Test	30 days	0%	Wed 5/26/10	Wed 7/7/10
465	EDS	EMO9 – Validate Zonal & Nodal Common Constraints	62 days	0%	Wed 11/4/09	Tue 2/16/10
466	EDS	EMO12 - Network Operations Model & SE Performance	305 days	50%	Wed 8/6/08	Thu 10/29/09
467	EDS	EMO13 - Operating Personnel & Facilities Readiness	0 days	0%	Sun 6/1/08	Sun 6/1/08
468	EDS	MO3 – Verify Supplemental Ancillary Service market (SASM)	30 days	0%	Fri 4/23/10	Fri 6/4/10
469	EDS	MO4 – Verify SCED Execution Quality	62 days	0%	Wed 11/4/09	Tue 2/16/10
470	EDS	MO5 – Generate LMPs for 6 months	129 days	0%	Wed 2/17/10	Wed 8/18/10
471	EDS	MO7 – ERCOT Operating Personnel & Facilities Readiness	0 days	0%	Sun 6/1/08	Sun 6/1/08
472	EDS	IMM1 - Market Monitor Systems Capability	0 days	0%	Sun 6/1/08	Sun 6/1/08
473	EDS	N1 – ERCOT Telemetry Alarm Processing	120 days	0%	Mon 2/15/10	Tue 8/3/10
474	EDS	N2 – ERCOT Telemetry/ICCP System Failover	132 days	0%	Mon 2/15/10	Thu 8/19/10
475	EDS	N3 – Validate SE performance & Accuracy	305 days	50%	Wed 8/6/08	Thu 10/29/09
476	EDS	N4 – Network Modeling Single Entry	60 days	0%	Mon 6/8/09	Mon 8/31/09
477	EDS	MP1 - MP Engagement	555 days	50%	Mon 6/2/08	Tue 8/31/10
478	EDS	MP2 - QSE with Resources Connectivity to EDS Environment	22 days	0%	Tue 10/6/09	Tue 11/3/09
479	EDS	MP3 - QSE with Resources Upload of SCED Offers to EDS	74 days	0%	Tue 10/6/09	Tue 2/2/10
480	EDS	MP5 - ICCP Point to Point Telemetry Test	0 days	100%	Sun 6/1/08	Sun 6/1/08
481	EDS	MP6 - QSER amd TSP Compliance with the Nodal Protocols Section 3.10.7.5	304 days	44%	Thu 8/7/08	Thu 10/29/09
482	EDS	MP8 - QSE, AP & RTM MIS & Web Service Transactions	22 days	0%	Tue 10/6/09	Tue 11/3/09
483	EDS	MP9 - QSE, DAM MIS & Web Service Transactions	52 days	0%	Wed 11/4/09	Tue 2/2/10
484	EDS	MP10 - Mapping of Resources to Resource Nodes & Resources to Revenue Quality Meters is Complete	303 days	26%	Thu 10/23/08	Thu 1/28/10
485	EDS	MP11 - MP Registration Activities	303 days	26%	Thu 10/23/08	Thu 1/28/10
486	EDS	MP12 - MP Completes Nodal Market Related Training	0 days	0%	Sun 6/1/08	Sun 6/1/08
487	EDS	MP13 - MP Completes Nodal Operations Related Training	0 days	0%	Sun 6/1/08	Sun 6/1/08
488	EDS	MP14 - A- MP EDS-2 Release 3 Trials Participation	305 days	44%	Wed 8/6/08	Thu 10/29/09
489	EDS	MP14 - B- MP EDS-2 Release 4 Trials Participation	40 days	0%	Mon 6/8/09	Mon 8/3/09
490	EDS	MP14 - C- MP EDS-2 TSP Model Validation	89 days	0%	Wed 9/16/09	Wed 2/3/10
491	EDS	MP15 -A - MP EDS-3 Release 5 and 6 Trials Participation	209 days	0%	Tue 10/6/09	Thu 8/12/10
492	EDS	MP15 - B - MP EDS-3 Release 7 Trials Participation	55 days	0%	Mon 2/1/10	Fri 4/16/10
493	EDS	MP16 - MP EDS-4 Trials Participation	203 days	0%	Wed 11/4/09	Fri 9/3/10
494	EDS	MP17 - MP Qualification activities	80 days	0%	Fri 4/23/10	Mon 8/16/10
495	EDS	MP18 - Mapping of Resources and Loads in Private Area Networks	303 days	26%	Thu 10/23/08	Thu 1/28/10
496	EDS	MP19 - LSE engagement and Readiness	1 day?	0%	Sun 6/1/08	Sun 6/1/08



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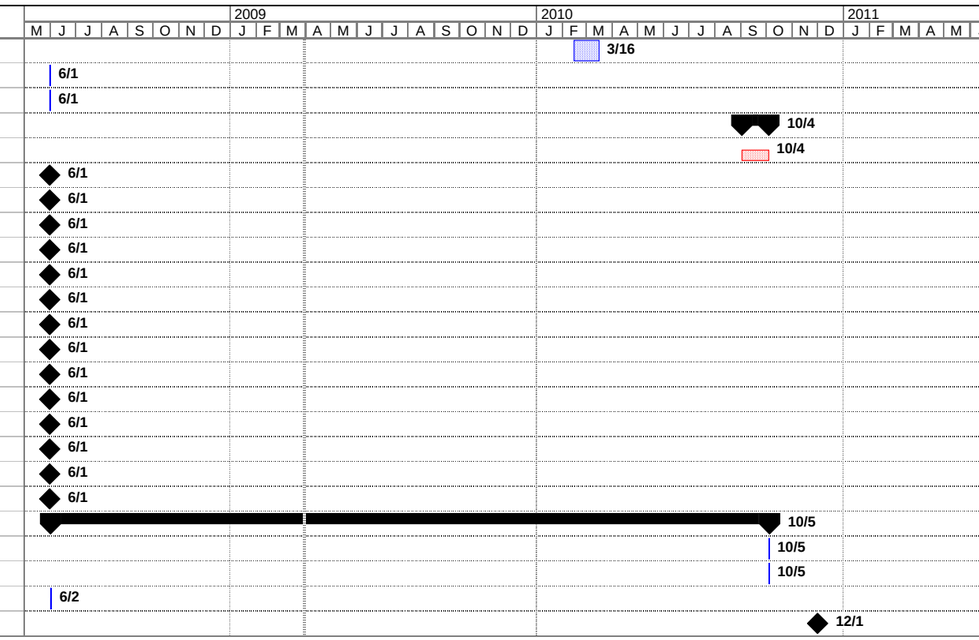
497	EDS	MP20 MP Ability to Submit Outage - connectivity test	22 days	0%	Mon 2/15/10	Tue 3/16/10
498	EDS	MP21 - Wind Generation Resources ICCP Telemetry	1 day?	0%	Sun 6/1/08	Sun 6/1/08
499	EDS	MP22 - New Entrant Metric	1 day?	0%	Sun 6/1/08	Sun 6/1/08
500	**EDS**	**Exit criteria metric for 168-Hour test**	**21 days**	**0%**	**Fri 9/3/10**	**Mon 10/4/10**
501	EDS	R3 - 168-Hour System Stability Test & Trial Real Time Settlement	21 days	0%	Fri 9/3/10	Mon 10/4/10
502	**EDS**	**Metrics to be completed after 168-Hour test & before Go-Live**	**0 days**	**0%**	**Sun 6/1/08**	**Sun 6/1/08**
503	EDS	E9 - Develop TN procedures	0 days	0%	Sun 6/1/08	Sun 6/1/08
504	EDS	E4 - Transition Priceing Mechanisms	0 days	0%	Sun 6/1/08	Sun 6/1/08
505	EDS	E5 - Nodal SAS 70 Readiness	0 days	0%	Sun 6/1/08	Sun 6/1/08
506	EDS	C1 - Contingency Plan for Weekly, Daily & Hourly RUC Failure	0 days	0%	Sun 6/1/08	Sun 6/1/08
507	EDS	C2 - Contingency Plan Procuedures for DAM Failure	0 days	0%	Sun 6/1/08	Sun 6/1/08
508	EDS	C3 - Contingency Plan procedures for ICCP Data Failure	0 days	0%	Sun 6/1/08	Sun 6/1/08
509	EDS	C4 - Contingency Plan procedures for SCED Failure	0 days	0%	Sun 6/1/08	Sun 6/1/08
510	EDS	C5 - Contingency Plan procedures for Key Settlement & Financial Transfer Processes	0 days	0%	Sun 6/1/08	Sun 6/1/08
511	EDS	C6 - Develop Plan procedures for SE Failure	0 days	0%	Sun 6/1/08	Sun 6/1/08
512	EDS	C7 - Contingency Plan procedures for a Backup Facility	0 days	0%	Sun 6/1/08	Sun 6/1/08
513	EDS	C8 - Contingency Plan procedures for Portal/API Failure	0 days	0%	Sun 6/1/08	Sun 6/1/08
514	EDS	C9 - Contingency Plan procedures for Site Unavailability	0 days	0%	Sun 6/1/08	Sun 6/1/08
515	EDS	C10 - Verify Single Point of Failure Recovery EMS/MMS/NMMS/CRR/COMS	0 days	0%	Sun 6/1/08	Sun 6/1/08
516	**EDS**	**Readiness Declaration metrics**	**579 days**	**33%**	**Mon 6/2/08**	**Tue 10/5/10**
517	EDS	R0 – Market Participants Operations Readiness	1 day	0%	Tue 10/5/10	Tue 10/5/10
518	EDS	R1 - Nodal Readiness Declaration (EDS Project End)	1 day	0%	Tue 10/5/10	Tue 10/5/10
519	EDS	R2 – Develop Texas Nodal Market Launch Plan	1 day	100%	Mon 6/2/08	Mon 6/2/08
17	Nodal IPS	Go Live	0 days	0%	Wed 12/1/10	Wed 12/1/10



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