

Master Project Schedule (Summary)

ID	Task Name	Duration	Start	Finish	1998				1999												
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4								
1	1 The Project	701d	10/1/97	6/7/00																	
2	2 Contract Award	0d	10/1/97	10/1/97																	
3	3 Detail Design	100d	10/1/97	2/17/98																	
12	4 City Site Documentation	101d	10/1/97	2/18/98																	
21	5 Civil Construction	174d	2/18/98	10/19/98																	
22	5.1 Twin Peaks Site	172d	2/18/98	10/15/98																	
38	5.2 One Market Plaza	52d	2/18/98	4/30/98																	
47	5.3 Forest Hill	122d	5/1/98	10/19/98																	
61	5.4 Bernal Heights	62d	2/18/98	5/14/98																	
73	5.5 South Hill	102d	5/15/98	10/5/98																	
88	5.6 SF State	61d	2/18/98	5/13/98																	
99	5.7 Ft. Milley	67d	5/14/98	8/14/98																	
113	5.8 Clay Jones	52d	2/18/98	4/30/98																	
120	6 901 Rankin Remodel	61d	8/17/98	11/9/98																	
124	7 Fleet Map Configuration	252d	10/1/97	9/17/98																	
130	8 Order Entry Phase I	48d	2/18/98	4/24/98																	
135	9 Notice to Proceed Phase II	20d	12/1/98	12/28/98																	
140	10 CCSI Factory Staging	132d	4/27/98	10/27/98																	

Task: [Bar] Summary: [Bar] Rolled Up Progress: [Bar]





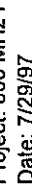
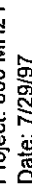

Progress: [Bar] Rolled Up Task: [Bar]

Milestone: [Diamond] Rolled Up Milestone: [Diamond]

Project: 800 MHz Project
 Date: 7/29/97

Master Project Schedule (Summary)

ID	Task Name	Duration	Start	Finish	1998				1999				2			
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4				
150	11 Microwave Staging	128d	2/18/98	8/14/98												
157	12 Mobiles, Portables, and Control Station Delivery	266d	4/27/98	5/3/99												
162	13 Fixed Network Equip. (FNE) Installation	75d	10/28/98	2/9/99												
170	14 Fixed Network Equip. (FNE) Acceptance Testing	104d	2/10/99	7/5/99												
179	15 Special Areas of Coverage	403d	3/6/98	9/21/99												
180	15.1 MUNI Tunnel System	279d	3/6/98	3/31/99												
187	15.2 Van Ness Station	279d	3/6/98	3/31/99												
195	15.3 Church St. Station	310d	3/6/98	5/13/99												
203	15.4 Castro St. Station	337d	3/12/98	6/25/99												
211	15.5 Forest Hill Station	348d	4/9/98	8/9/99												
219	15.6 Moscone Center	364d	4/30/98	9/21/99												
227	15.7 City Jail	279d	3/6/98	3/31/99												
235	15.8 Hall of Justice	279d	3/6/98	3/31/99												
243	15.9 San Bruno Jail # 3 Building	279d	3/6/98	3/31/99												
251	15.10 San Bruno Annex	279d	3/6/98	3/31/99												
259	15.11 Admin. Bldg.	273d	3/16/98	3/31/99												
267	15.12 San Francisco International Airport	123d	10/12/98	3/31/99												
275	16 Radio Console Systems (RCS) Installations	216d	10/28/98	8/25/99												

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Master Project Schedule (Summary)




ID	Task Name	Duration	Start	Finish	1998				1999					
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
276	16.1 CC1 Implementation	184d	10/28/98	7/12/99										2
280	16.2 CC2 Implementation	128d	3/1/99	8/25/99										
285	17 Training/Cut-over	70d	7/13/99	10/18/99										
286	17.1 Group 1	70d	7/13/99	10/18/99										
287	17.1.1 Training	13d	7/13/99	7/29/99										
288	17.1.1.1 Subscriber	13d	7/13/99	7/29/99										
294	17.1.1.2 Console	11d	7/13/99	7/27/99										
299	17.1.2 Subscriber Installation Group 1	70d	7/13/99	10/18/99										
305	17.2 CCE1 Cut-over	0d	10/18/99	10/18/99										
307	18 30 Day Confidence test	22d	8/31/99	9/29/99										
310	19 Training/Cut-over	134d	8/26/99	2/29/00										
311	19.1 Group 2	134d	8/26/99	2/29/00										
312	19.1.1 Training	43d	8/26/99	10/25/99										
313	19.1.1.1 Subscriber	43d	8/26/99	10/25/99										
318	19.1.1.2 Console	42d	8/26/99	10/22/99										
322	19.1.2 Subscriber Installation Group 2	96d	10/19/99	2/29/00										
327	19.2 CCE2 Cut-over	0d	2/29/00	2/29/00										
329	20 System Management Component Training	18d	7/6/99	7/29/99										



Project: 800 MHz Project Date: 7/29/97	Task Progress Milestone	Summary Rolloled Up Task Rolloled Up Milestone	Rolloled Up Progress
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Master Project Schedule (Summary)

ID	Task Name	Duration	Start	Finish	1998				1999							
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
333	21 Technical Training	113d	7/30/99	1/4/00												
338	22 Documentations	66d	3/1/00	5/31/00												
341	23 Contours	58d	1/3/00	3/22/00												
345	24 Agreement to Begin Proof of Performance Testing	66d	3/1/00	5/31/00												
348	25 Final System Acceptance	0d	5/31/00	5/31/00												
349	26 Job Close-out	5d	6/1/00	6/7/00												
350	27 Public Safety 800 Mhz Radio System Complete	0d	6/7/00	6/7/00												

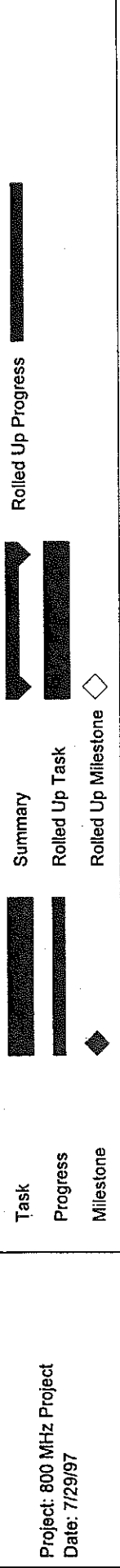
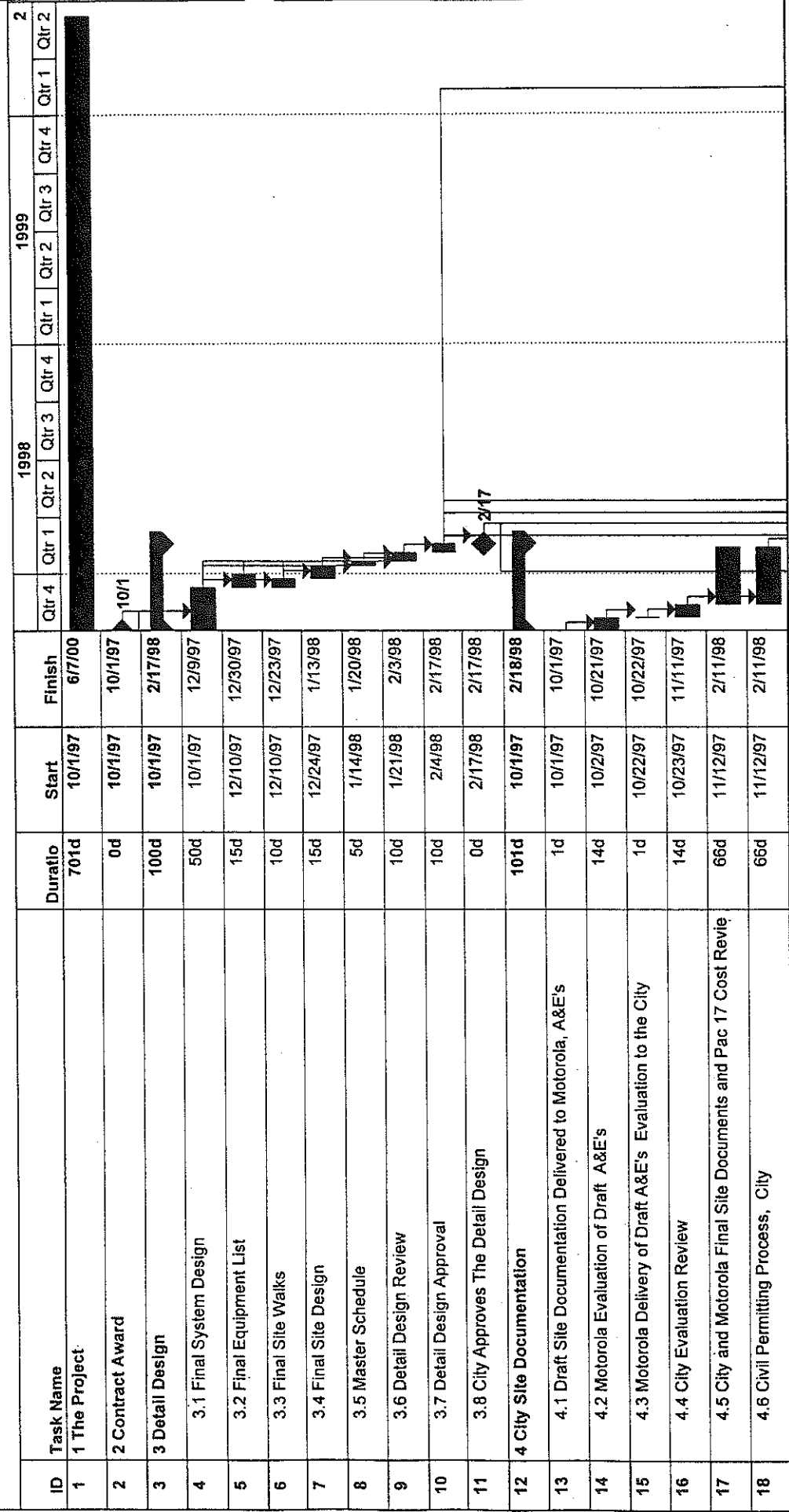
Project: 800 MHz Project
Date: 7/29/97

Task  Summary  Rolled Up Progress 

Progress  Rolled Up Task 

Milestone  Rolled Up Milestone 

Master Project Schedule



Project: 800 MHz Project
Date: 7/29/97

Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1998				1999						
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4		
19	4.7 City Delivery of Civil Permits to Motorola	5d	2/12/98	2/18/98											2
20	4.8 Motorola and City Acceptance of Site Documentation	0d	2/18/98	2/18/98											
21	5 Civil Construction	174d	2/18/98	10/19/98											
22	5.1 Twin Peaks Site	172d	2/18/98	10/15/98											
23	5.1.1 Permits Issued	1d	2/18/98	2/18/98											
24	5.1.2 Remodel	100d	2/19/98	7/8/98											
25	5.1.3 Site Building	90d	2/19/98	6/24/98											
26	5.1.4 Tower Slab/Walls/Foundations Demolitions	90d	2/19/98	6/24/98											
27	5.1.5 Commercial Power	90d	2/19/98	6/24/98											
28	5.1.6 Install Emergency Power and Fuel Supply	90d	2/19/98	6/24/98											
29	5.1.7 Exterior Grounding	90d	2/19/98	6/24/98											
30	5.1.8 Cable Ladders and Bridges	90d	2/19/98	6/24/98											
31	5.1.9 Antenna Mnts. and Ancillary support struct.	90d	2/19/98	6/24/98											
32	5.1.10 Tower Inspection, Paint, and Relocation of Antennas	90d	2/19/98	6/24/98											
33	5.1.11 Install 150 foot Tower	90d	2/19/98	6/24/98											
34	5.1.12 Microwave Ant. and Trans. line	80d	6/25/98	10/14/98											
35	5.1.13 RF Ant. and Trans. line	80d	6/25/98	10/14/98											
36	5.1.14 City and Motorola Inspection	1d	10/15/98	10/15/98											

Task
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Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1998				1999					
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	
37	5.1.15 Civil Construction Acceptance	0d	10/15/98	10/15/98										
38	5.2 One Market Plaza	52d	2/18/98	4/30/98										
39	5.2.1 Permits Issued	1d	2/18/98	2/18/98										
40	5.2.2 Emergency Power, Fuel Supply	40d	2/19/98	4/15/98										
41	5.2.3 Install Cable Ladders, Bridges	40d	2/19/98	4/15/98										
42	5.2.4 Antenna Mnts. & Ancillary support struct.	10d	2/19/98	3/4/98										
43	5.2.5 Microwave Ant. Trans. Line	10d	4/16/98	4/29/98										
44	5.2.6 RF Ant. and Trans. line	10d	4/16/98	4/29/98										
45	5.2.7 City and Motorola Inspection	1d	4/30/98	4/30/98										
46	5.2.8 Civil Construction Acceptance	0d	4/30/98	4/30/98										
47	5.3 Forest Hill	122d	5/1/98	10/19/98										
48	5.3.1 Permits Issued	1d	5/1/98	5/1/98										
49	5.3.2 Install Pre-fab Building	60d	5/4/98	7/24/98										
50	5.3.3 Grading	60d	5/4/98	7/24/98										
51	5.3.4 Commercial Power	60d	5/4/98	7/24/98										
52	5.3.5 Install Emergency Power and Fuel Supply	60d	5/4/98	7/24/98										
53	5.3.6 Exterior Grounding	60d	5/4/98	7/24/98										
54	5.3.7 Cable Ladders and Ancillary support struct.	60d	5/4/98	7/24/98										

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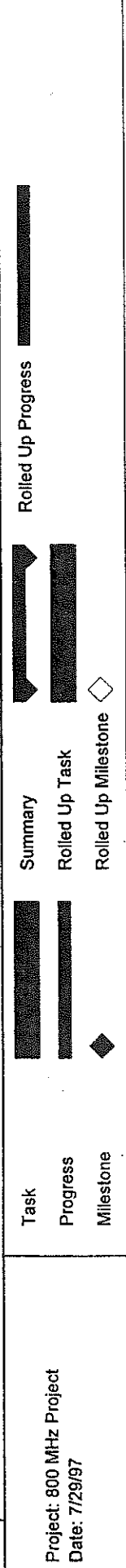
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Exhibit E, Master Project Schedule

Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999													
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4										
55	5.3.8 Tower Demolition (after CCE2 Cutover)	60d	5/4/98	7/24/98																		
56	5.3.9 Install 100 foot tower	60d	5/4/98	7/24/98																		
57	5.3.10 Microwave Ant. and Trans. line	60d	7/27/98	10/16/98																		
58	5.3.11 RF Ant. and Trans. line	60d	7/27/98	10/16/98																		
59	5.3.12 City and Motorola Inspection	1d	10/19/98	10/19/98																		
60	5.3.13 Civil Construction Acceptance	0d	10/19/98	10/19/98																		
61	5.4 Bernal Heights	62d	2/18/98	5/14/98																		
62	5.4.1 Permits Issued	1d	2/18/98	2/18/98																		
63	5.4.2 Site building	40d	2/19/98	4/15/98																		
64	5.4.3 Commercial Power	40d	2/19/98	4/15/98																		
65	5.4.4 Emergency Power	40d	2/19/98	4/15/98																		
66	5.4.5 Exterior Grounding	40d	2/19/98	4/15/98																		
67	5.4.6 Earthquake Retrofit	40d	2/19/98	4/15/98																		
68	5.4.7 Cable Ladders and Ancillary support struct.	40d	2/19/98	4/15/98																		
69	5.4.8 Microwave Ant. and Trans. line	10d	4/16/98	4/29/98																		
70	5.4.9 RF Ant. and Trans. line	10d	4/30/98	5/13/98																		
71	5.4.10 City and Motorola Inspection	1d	5/14/98	5/14/98																		
72	5.4.11 Civil Construction Acceptance	0d	5/14/98	5/14/98																		



Project: 800 MHz Project
Date: 7/29/97

Legend:

- Task: [Bar]
- Progress: [Bar]
- Milestone: [Diamond]
- Summary: [Arrow]
- Rolled Up Task: [Bar]
- Rolled Up Milestone: [Diamond]

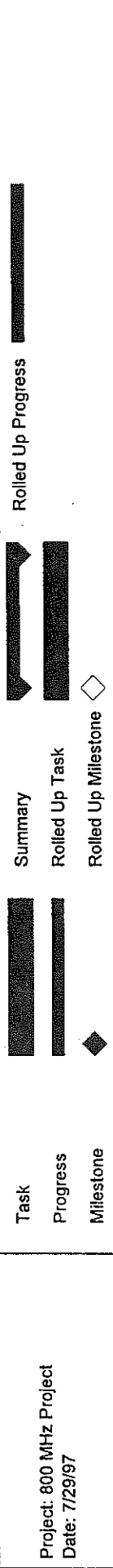
Revision: 1

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Exhibit E, Master Project Schedule

Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999					
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4		
73	5.5 South Hill	102d	5/15/98	10/5/98										
74	5.5.1 Permits Issued	1d	5/15/98	5/15/98										
75	5.5.2 Install Pre-fab Building	50d	5/18/98	7/24/98										
76	5.5.3 Grading	50d	5/18/98	7/24/98										
77	5.5.4 Paving	50d	5/18/98	7/24/98										
78	5.5.5 Fencing	50d	5/18/98	7/24/98										
79	5.5.6 Commercial Power	50d	5/18/98	7/24/98										
80	5.5.7 Install Emergency Power and Fuel Supply	50d	5/18/98	7/24/98										
81	5.5.8 Exterior Grounding	50d	5/18/98	7/24/98										
82	5.5.9 Cable Ladder and Bridges	50d	5/18/98	7/24/98										
83	5.5.10 Install 60 ft. Tower	50d	5/18/98	7/24/98										
84	5.5.11 Microwave Ant. and Trans. line	50d	7/27/98	10/2/98										
85	5.5.12 RF Ant. and Trans. line	50d	7/27/98	10/2/98										
86	5.5.13 City and Motorola Inspection	1d	10/5/98	10/5/98										
87	5.5.14 Civil Construction Acceptance	0d	10/5/98	10/5/98										
88	5.6 SF State	61d	2/18/98	5/13/98										
89	5.6.1 Permits Issued	1d	2/18/98	2/18/98										
90	5.6.2 Site Building	44d	2/19/98	4/21/98										



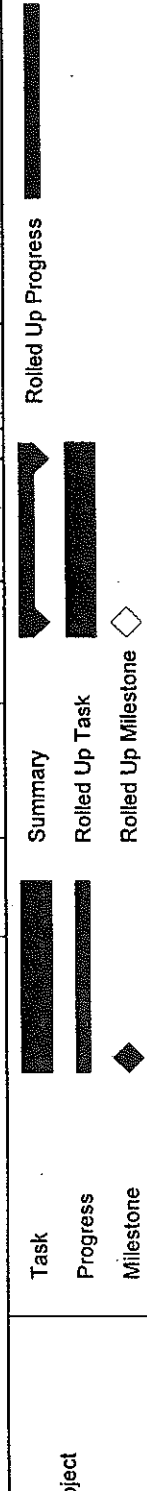
Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1998				1999					
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91	5.6.3 Commercial Power	44d	2/19/98	4/21/98	█	█	█	█						
92	5.6.4 Install Emergency Power and Fuel Supply	44d	2/19/98	4/21/98	█	█	█	█						
93	5.6.5 Cable Ladders, and Bridges	44d	2/19/98	4/21/98	█	█	█	█						
94	5.6.6 Antenna Mnts. and Ancillary support struct.	44d	2/19/98	4/21/98	█	█	█	█						
95	5.6.7 Microwave Ant. and Tans. line	15d	4/22/98	5/12/98		█	█	█						
96	5.6.8 RF Ant. and Trans. line	15d	4/22/98	5/12/98		█	█	█						
97	5.6.9 City and Motorola Inspection	1d	5/13/98	5/13/98					█					
98	5.6.10 Civil Construction Acceptance	0d	5/13/98	5/13/98					█					
99	5.7 Ft. Miley	67d	5/14/98	8/14/98						█	█	█	█	█
100	5.7.1 Permits Issued	1d	5/14/98	5/14/98						█				
101	5.7.2 Install Pre-fab Building	50d	5/15/98	7/23/98						█	█	█	█	█
102	5.7.3 Install Emergency Power and Fuel Supply	50d	5/15/98	7/23/98						█	█	█	█	█
103	5.7.4 Grading	50d	5/15/98	7/23/98						█	█	█	█	█
104	5.7.5 Fencing	50d	5/15/98	7/23/98						█	█	█	█	█
105	5.7.6 Commercial Power	50d	5/15/98	7/23/98						█	█	█	█	█
106	5.7.7 Exterior Grounding	50d	5/15/98	7/23/98						█	█	█	█	█
107	5.7.8 Cable Ladders, Bridges	50d	5/15/98	7/23/98						█	█	█	█	█
108	5.7.9 Antenna Mnts. & Ancillary support struct.	50d	5/15/98	7/23/98						█	█	█	█	█

Project: 800 MHz Project Date: 7/29/97	Task Progress Milestone	Summary Rolled Up Task Rolled Up Milestone	Rolled Up Progress
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Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999								
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4				
109	5.7.10 Microwave Ant. and Trans. line	15d	7/24/98	8/13/98													
110	5.7.11 RF Ant. and Trans. line	15d	7/24/98	8/13/98													
111	5.7.12 City and Motorola Inspection	1d	8/14/98	8/14/98													
112	5.7.13 Civil Construction Acceptance	0d	8/14/98	8/14/98													
113	5.8 Clay Jones	52d	2/18/98	4/30/98													
114	5.8.1 Site Inspection	10d	2/18/98	3/3/98													
115	5.8.2 Install Cable Trays, as required	22d	4/1/98	4/30/98													
116	5.8.3 Add Cable Ports, as required	22d	4/1/98	4/30/98													
117	5.8.4 Microwave Ant. and Trans. line	22d	4/1/98	4/30/98													
118	5.8.5 RF Ant. and Trans. line	22d	4/1/98	4/30/98													
119	5.8.6 Clay Jones Site Complete	0d	4/30/98	4/30/98													
120	6 901 Rankin Remodel	61d	8/17/98	11/9/98													
121	6.1 Permit Issued	1d	8/17/98	8/17/98													
122	6.2 Remodel	60d	8/18/98	11/9/98													
123	6.3 Remodel Complete	0d	11/9/98	11/9/98													
124	7 Fleet Map Configuration	252d	10/1/97	9/17/98													
125	7.1 City Supplied Configurations	120d	10/1/97	3/17/98													
126	7.2 Motorola Fleet Map and Template Construction	100d	3/18/98	8/4/98													

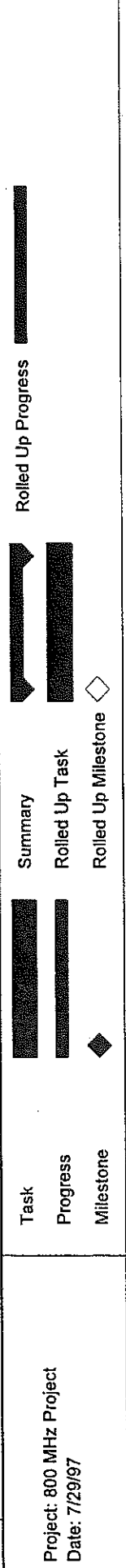


Project: 800 MHz Project
Date: 7/29/97

Legend:
 ■ Task
 ▬ Progress
 ◆ Milestone
 ■ Summary
 ▬ Rolled Up Task
 ◆ Rolled Up Milestone
 ▬ Rolled Up Progress

Master Project Schedule

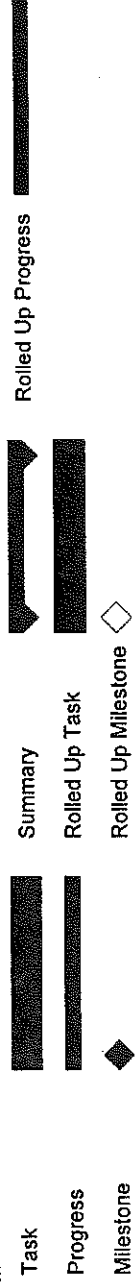
ID	Task Name	Duration	Start	Finish	1998				1999							
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127	7.3 City Review	10d	8/5/98	8/18/98												
128	7.4 Motorola Re-Writes	22d	8/19/98	9/17/98												
129	7.5 Fleet Map and Template Acceptance	0d	9/17/98	9/17/98												
130	8 Order Entry Phase I	48d	2/18/98	4/24/98												
131	8.1 Equipment List Entry	5d	2/18/98	2/24/98												
132	8.2 Special Areas of Coverage equipment order	3d	2/25/98	2/27/98												
133	8.3 Clear Reviews and Holds	40d	3/2/98	4/24/98												
134	8.4 Order Entry Complete	0d	4/24/98	4/24/98												
135	9 Notice to Proceed Phase II	20d	12/1/98	12/28/98												
136	9.1 Order Entry Phase II	20d	12/1/98	12/28/98												
137	9.1.1 Equipment List Entry	5d	12/1/98	12/7/98												
138	9.1.2 Clear Reviews and Holds	15d	12/8/98	12/28/98												
139	9.1.3 Phase II Order Entry Complete	0d	12/28/98	12/28/98												
140	10 CCSI Factory Staging	132d	4/27/98	10/27/98												
141	10.1 Staging Documentation	15d	4/27/98	5/15/98												
142	10.2 Equipment Manufacture and Delivery to CCSI	90d	4/27/98	8/28/98												
143	10.3 TRS Staging Assembly	85d	5/18/98	9/11/98												
144	10.4 RCS Staging Assembly	75d	5/18/98	8/28/98												



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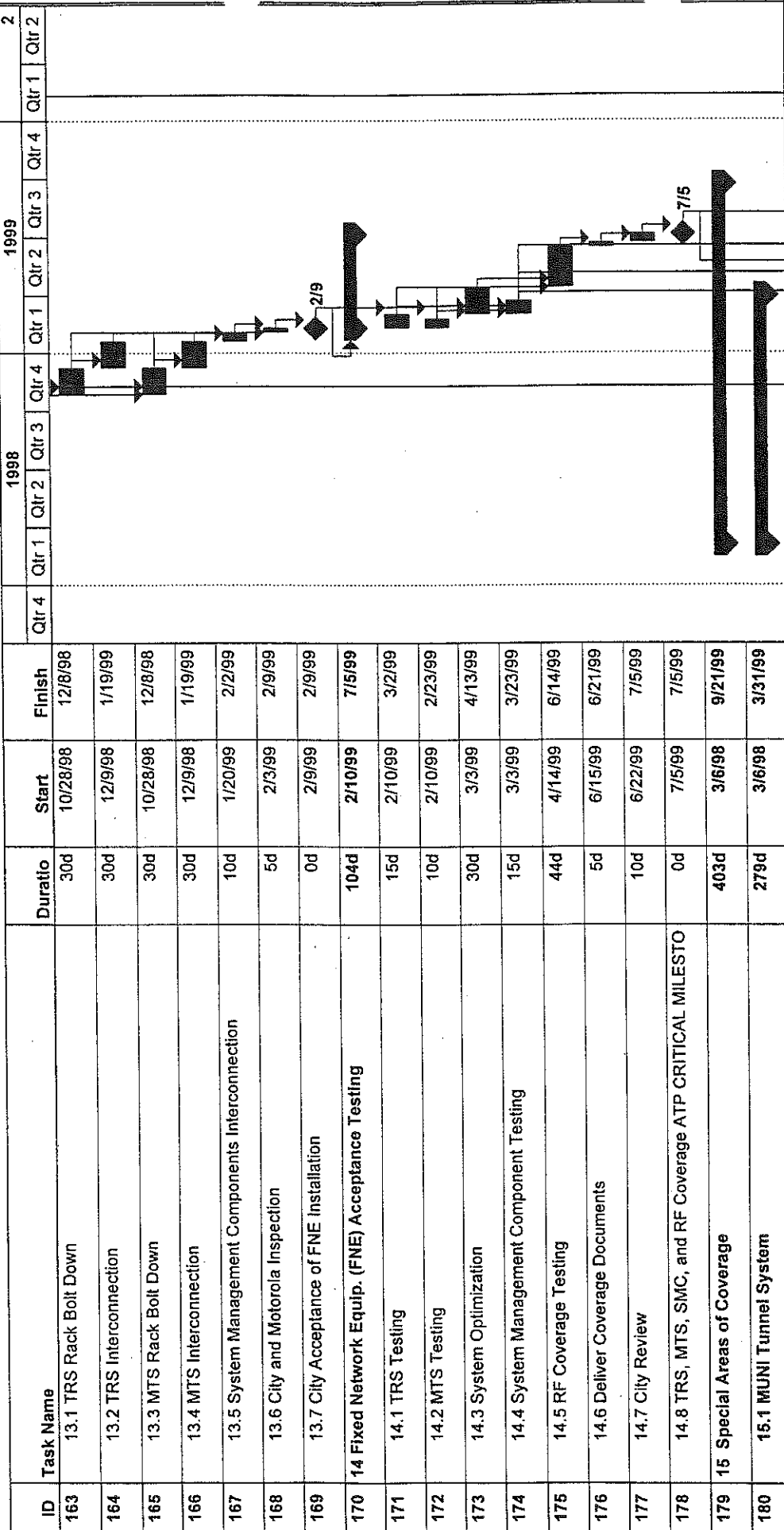
Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1998				1999						
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145	10.5 Customer at CCSI	5d	8/20/98	8/26/98											
146	10.6 System Management Systems	5d	9/14/98	9/18/98											
147	10.7 CCSI Customer Acceptance	5d	9/21/98	9/25/98											
148	10.8 TRS Shipping and Delivery	22d	9/28/98	10/27/98											
149	10.9 Equipment Delivered to San Francisco	0d	10/27/98	10/27/98											
150	11 Microwave Staging	128d	2/18/98	8/14/98											
151	11.1 MRS Staging Documentation	30d	2/18/98	3/31/98											
152	11.2 MRS Equipment Manufacture and Delivery to Staging	75d	4/27/98	8/7/98											
153	11.3 MRS Staging Assembly	60d	4/27/98	7/17/98											
154	11.4 Customer Acceptance	5d	7/20/98	7/24/98											
155	11.5 MRS Shipping and Delivery	15d	7/27/98	8/14/98											
156	11.6 Equipment Delivered to San Francisco	0d	8/14/98	8/14/98											
157	12 Mobiles, Portables, and Control Station Delivery	266d	4/27/98	5/3/99											
158	12.1 Other Units (Appendix L)	100d	4/27/98	9/11/98											
159	12.2 Group 1 Units	60d	12/29/98	3/22/99											
160	12.3 Group 2 Units	90d	12/29/98	5/3/99											
161	12.4 Mobiles, Portables, and Control Station Delivery Complete	0d	5/3/99	5/3/99											
162	13 Fixed Network Equip. (FNE) Installation	75d	10/28/98	2/9/99											



Task [Bar] **Summary** [Thick Bar] **Rolling Up Progress** [Arrow]
Progress [Thin Bar] **Rolling Up Task** [Thick Bar]
Milestone [Diamond] **Rolling Up Milestone** [Diamond]

Master Project Schedule



Task

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Project: 800 MHz Project
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Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1999								2						
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3		Qtr 4					
181	15.1.1 Equipment Manufacture	30d	3/6/98	4/16/98															
182	15.1.2 Equipment Delivery	10d	4/17/98	4/30/98															
183	15.1.3 Cable Installation	225d	5/1/98	3/11/99															
184	15.1.4 Amplifier Implementation	54d	5/1/98	7/15/98															
185	15.1.5 System Testing	3d	3/24/99	3/26/99															
186	15.1.6 System Acceptance	3d	3/29/99	3/31/99															
187	15.2 Van Ness Station	279d	3/6/98	3/31/99															
188	15.2.1 Equipment Manufacture	30d	3/6/98	4/16/98															
189	15.2.2 Equipment Delivery	10d	4/17/98	4/30/98															
190	15.2.3 Cable Installation	15d	5/1/98	5/21/98															
191	15.2.4 Antenna Installation	5d	5/1/98	5/7/98															
192	15.2.5 Amplifier Implementation	5d	5/1/98	5/7/98															
193	15.2.6 System Testing	3d	3/24/99	3/26/99															
194	15.2.7 System Acceptance	3d	3/29/99	3/31/99															
195	15.3 Church St. Station	310d	3/6/98	5/13/99															
196	15.3.1 Equipment Manufacture	30d	3/6/98	4/16/98															
197	15.3.2 Equipment Delivery	10d	4/17/98	4/30/98															
198	15.3.3 Cable Installation	15d	4/1/99	4/21/99															

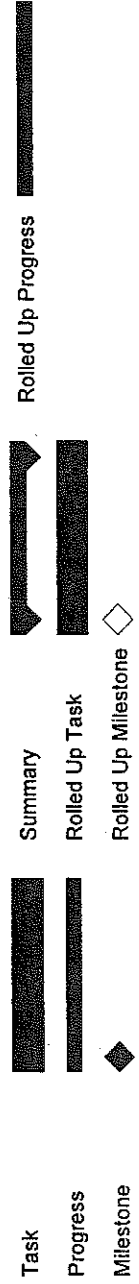


Task
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Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1998				1999			
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
199	15.3.4 Antenna Installation	5d	4/22/99	4/28/99								
200	15.3.5 Amplifier Implementation	5d	4/29/99	5/5/99								
201	15.3.6 System Testing	3d	5/6/99	5/10/99								
202	15.3.7 System Acceptance	3d	5/11/99	5/13/99								
203	15.4 Castro St. Station	337d	3/12/98	6/25/99								
204	15.4.1 Equipment Manufacture	30d	3/12/98	4/22/98								
205	15.4.2 Equipment Delivery	10d	4/23/98	5/6/98								
206	15.4.3 Cable Installation	15d	5/14/99	6/3/99								
207	15.4.4 Antenna Installation	5d	6/4/99	6/10/99								
208	15.4.5 Amplifier Implementation	5d	6/11/99	6/17/99								
209	15.4.6 System Testing	3d	6/18/99	6/22/99								
210	15.4.7 System Acceptance	3d	6/23/99	6/25/99								
211	15.5 Forest Hill Station	348d	4/9/98	8/9/99								
212	15.5.1 Equipment Manufacture	30d	4/9/98	5/20/98								
213	15.5.2 Equipment Delivery	10d	5/21/98	6/3/98								
214	15.5.3 Cable Installation	15d	6/28/99	7/16/99								
215	15.5.4 Antenna Installation	5d	7/19/99	7/23/99								
216	15.5.5 Amplifier Implementation	5d	7/26/99	7/30/99								



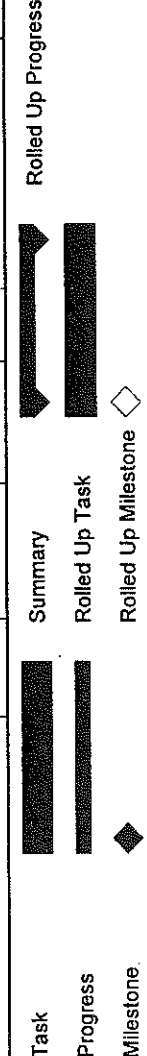
Task **Summary**
Progress **Rolled Up Task**
Milestone **Rolled Up Milestone**

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Revision: 1

Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999										
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
217	15.5.6 System Testing	3d	8/2/99	8/4/99															
218	15.5.7 System Acceptance	3d	8/5/99	8/9/99															
219	15.6 Moscone Center	364d	4/30/98	9/21/99															
220	15.6.1 Equipment Manufacture	30d	4/30/98	6/10/98															
221	15.6.2 Equipment Delivery	10d	6/11/98	6/24/98															
222	15.6.3 Cable Installation	15d	8/10/99	8/30/99															
223	15.6.4 Antenna Installation	5d	8/31/99	9/6/99															
224	15.6.5 Amplifier Implementation	5d	9/7/99	9/13/99															
225	15.6.6 System Testing	3d	9/14/99	9/16/99															
226	15.6.7 System Acceptance	3d	9/17/99	9/21/99															
227	15.7 City Jail	279d	3/6/98	3/31/99															
228	15.7.1 Equipment Manufacture	30d	3/6/98	4/16/98															
229	15.7.2 Equipment Delivery	10d	4/17/98	4/30/98															
230	15.7.3 Cable Installation	15d	5/1/98	5/21/98															
231	15.7.4 Antenna Installation	5d	5/1/98	5/7/98															
232	15.7.5 Amplifier Implementation	5d	5/1/98	5/7/98															
233	15.7.6 System Testing	3d	3/24/99	3/26/99															
234	15.7.7 System Acceptance	3d	3/29/99	3/31/99															

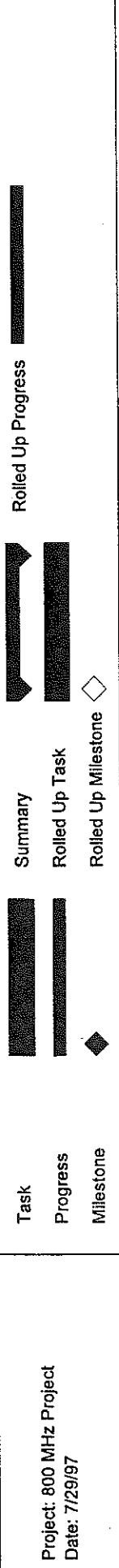


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Project: 800 MHz Project
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Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999												
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4								
235	15.8 Hall of Justice	279d	3/6/98	3/31/99																	
236	15.8.1 Equipment Manufacture	30d	3/6/98	4/16/98																	
237	15.8.2 Equipment Delivery	10d	4/17/98	4/30/98																	
238	15.8.3 Cable Installation	15d	5/1/98	5/21/98																	
239	15.8.4 Antenna Installation	5d	5/1/98	5/7/98																	
240	15.8.5 Amplifier Implementation	5d	5/1/98	5/7/98																	
241	15.8.6 System Testing	3d	3/24/99	3/26/99																	
242	15.8.7 System Acceptance	3d	3/29/99	3/31/99																	
243	15.9 San Bruno Jail # 3 Building	279d	3/6/98	3/31/99																	
244	15.9.1 Equipment Manufacture	30d	3/6/98	4/16/98																	
245	15.9.2 Equipment Delivery	10d	4/17/98	4/30/98																	
246	15.9.3 Cable Installation	46d	5/1/98	7/3/98																	
247	15.9.4 Antenna Installation	5d	5/1/98	5/7/98																	
248	15.9.5 Amplifier Implementation	5d	5/1/98	5/7/98																	
249	15.9.6 System Testing	3d	3/24/99	3/26/99																	
250	15.9.7 System Acceptance	3d	3/29/99	3/31/99																	
251	15.10 San Bruno Annex	279d	3/6/98	3/31/99																	
252	15.10.1 Equipment Manufacture	30d	3/6/98	4/16/98																	



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Master Project Schedule

ID	Task Name	Duratio	Start	Finish	1998				1999										
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4						
253	15.10.2 Equipment Delivery	10d	4/17/98	4/30/98															
254	15.10.3 Cable Installation	10d	7/6/98	7/17/98															
255	15.10.4 Antenna Installation	5d	7/20/98	7/24/98															
256	15.10.5 Amplifier Implementation	5d	7/27/98	7/31/98															
257	15.10.6 System Testing	3d	3/24/99	3/26/99															
258	15.10.7 System Acceptance	3d	3/29/99	3/31/99															
259	15.11 Admin. Bldg.	273d	3/16/98	3/31/99															
260	15.11.1 Equipment Manufacture	30d	3/16/98	4/24/98															
261	15.11.2 Equipment Delivery	10d	4/27/98	5/8/98															
262	15.11.3 Cable Installation	15d	7/20/98	8/7/98															
263	15.11.4 Antenna Installation	5d	8/10/98	8/14/98															
264	15.11.5 Amplifier Implementation	5d	8/17/98	8/21/98															
265	15.11.6 System Testing	3d	3/24/99	3/26/99															
266	15.11.7 System Acceptance	3d	3/29/99	3/31/99															
267	15.12 San Francisco International Airport	123d	10/12/98	3/31/99															
268	15.12.1 Equipment Manufacture	30d	10/12/98	11/20/98															
269	15.12.2 Equipment Delivery	10d	11/23/98	12/4/98															
270	15.12.3 Cable Installation	15d	12/7/98	12/25/98															

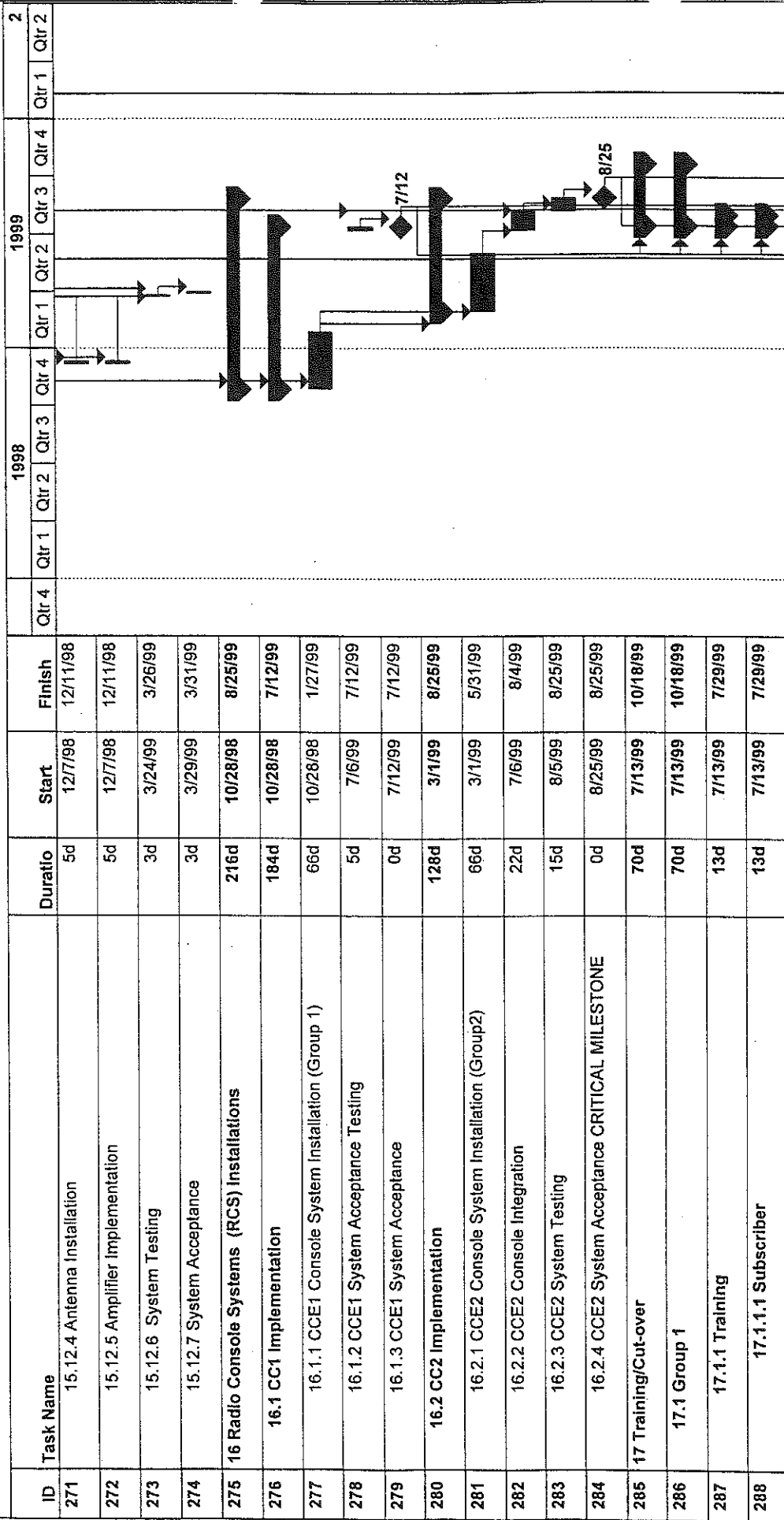
Project: 800 MHz Project
Date: 7/29/97

Task: [Solid Bar] Summary [Solid Bar] Rolled Up Progress [Solid Bar]

Progress: [Solid Bar] Rolled Up Task [Solid Bar]

Milestone: [Solid Diamond] Rolled Up Milestone [Solid Diamond]

Master Project Schedule



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Task [Bar] Summary [Bar] Rolled Up Progress [Bar]

Progress [Bar] Rolled Up Task [Bar]

Milestone [Diamond] Rolled Up Milestone [Diamond]

Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999							
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
289	17.1.1.1.1 DET	2d	7/13/99	7/14/99												
290	17.1.1.1.2 RecPark	2d	7/15/99	7/16/99												
291	17.1.1.1.3 Water	2d	7/19/99	7/20/99												
292	17.1.1.1.4 DPT	4d	7/21/99	7/26/99												
293	17.1.1.1.5 Sheriff	3d	7/27/99	7/29/99												
294	17.1.1.2 Console	11d	7/13/99	7/27/99												
295	17.1.1.2.1 DET	2d	7/13/99	7/14/99												
296	17.1.1.2.2 Water	2d	7/15/99	7/16/99												
297	17.1.1.2.3 DPT	2d	7/19/99	7/20/99												
298	17.1.1.2.4 Sheriff	5d	7/21/99	7/27/99												
299	17.1.2 Subscriber Installation Group 1	70d	7/13/99	10/18/99												
300	17.1.2.1 DET (50MD, 25C, 71P)	35d	7/13/99	8/30/99												
301	17.1.2.2 RecPark (92MD, 5C, 39P)	35d	7/13/99	8/30/99												
302	17.1.2.3 Water (0M, 2C, 46P)	35d	7/13/99	8/30/99												
303	17.1.2.4 DPT (81MD, 5C, 364P)	35d	8/31/99	10/18/99												
304	17.1.2.5 Sheriff (80MD, 14C, 700P)	35d	8/31/99	10/18/99												
305	17.2 CCE1 Cut-over	0d	10/18/99	10/18/99												
306	17.2.1 CCE1 Cut-over complete CRITICAL MILESTONE	0d	10/18/99	10/18/99												

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ID	Task Name	Duratio	Start	Finish	1998				1999								
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4				
307	18 30 Day Confidence test	22d	8/31/99	9/29/99													
308	18.1 30 Day Confidence Test	22d	8/31/99	9/29/99													
309	18.2 Confidence Test Complete	0d	9/29/99	9/29/99													
310	19 Training/Cut-over	134d	8/26/99	2/29/00													
311	19.1 Group 2	134d	8/26/99	2/29/00													
312	19.1.1 Training	43d	8/26/99	10/25/99													
313	19.1.1.1 Subscriber	43d	8/26/99	10/25/99													
314	19.1.1.1.1 DPH	3d	8/26/99	8/30/99													
315	19.1.1.1.2 Fire	24d	8/31/99	10/1/99													
316	19.1.1.1.3 Police	15d	10/4/99	10/22/99													
317	19.1.1.1.4 OES	1d	10/25/99	10/25/99													
318	19.1.1.2 Console	42d	8/26/99	10/22/99													
319	19.1.1.2.1 DPH	10d	8/26/99	9/8/99													
320	19.1.1.2.2 Fire	13d	9/9/99	9/27/99													
321	19.1.1.2.3 Police	19d	9/28/99	10/22/99													
322	19.1.2 Subscriber Installation Group 2	96d	10/19/99	2/29/00													
323	19.1.2.1 DPH (30MD, 16C, 90P)	5d	10/19/99	10/25/99													
324	19.1.2.2 Fire (230MT, 50C, 230P)	35d	10/26/99	12/13/99													

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ID	Task Name	Duratio	Start	Finish	1998				1999							
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
325	19.1.2.3 Police (273MD, 111MT, 30C, 1540P)	55d	12/14/99	2/28/00												
326	19.1.2.4 OES (3MD, 0C, 20P)	1d	2/29/00	2/29/00												
327	19.2 CCE2 Cut-over	0d	2/29/00	2/29/00												
328	19.2.1 CCE2 Cut-over complete CRITICAL MILESTONE	0d	2/29/00	2/29/00												
329	20 System Management Component Training	18d	7/6/99	7/29/99												
330	20.1 Project Manager Training	9d	7/6/99	7/16/99												
331	20.2 Technician Training	9d	7/19/99	7/29/99												
332	20.3 System Management Component Training Complete	0d	7/29/99	7/29/99												
333	21 Technical Training	113d	7/30/99	1/4/00												
334	21.1 FNE Training	70d	7/30/99	11/4/99												
335	21.2 Subscriber Training	33d	11/5/99	12/21/99												
336	21.3 Console Training	10d	12/22/99	1/4/00												
337	21.4 Technical Training Complete	0d	1/4/00	1/4/00												
338	22 Documentations	66d	3/1/00	5/31/00												
339	22.1 As-Built Documentation Preparation	66d	3/1/00	5/31/00												
340	22.2 As-Built Document Complete	0d	5/31/00	5/31/00												
341	23 Contours	58d	1/3/00	3/22/00												
342	23.1 Interference Analysis	30d	1/3/00	2/11/00												

Project: 800 MHz Project Date: 7/29/97	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Task  Progress  Milestone </div> <div style="text-align: center;">  Summary  Rolled Up Task  Rolled Up Milestone </div> <div style="text-align: center;">  Rolled Up Progress </div> </div>
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Master Project Schedule

ID	Task Name	Duration	Start	Finish	1998				1999												
					Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4								
343	23.2 Verification Measurements	27d	2/14/00	3/21/00																	
344	23.3 Contours Complete	1d	3/22/00	3/22/00																	
345	24 Agreement to Begin Proof of Performance Testing	66d	3/1/00	5/31/00																	
346	24.1 Proof of Performance Testing	66d	3/1/00	5/31/00																	
347	24.2 Proof of Performance Testing Complete	0d	5/31/00	5/31/00																	
348	25 Final System Acceptance CRITICAL MILESTONE	0d	5/31/00	5/31/00																	
349	26 Job Close-out	5d	6/1/00	6/7/00																	
350	27 Public Safety 800 Mhz Radio System Complete	0d	6/7/00	6/7/00																	

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Date: 7/29/97

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