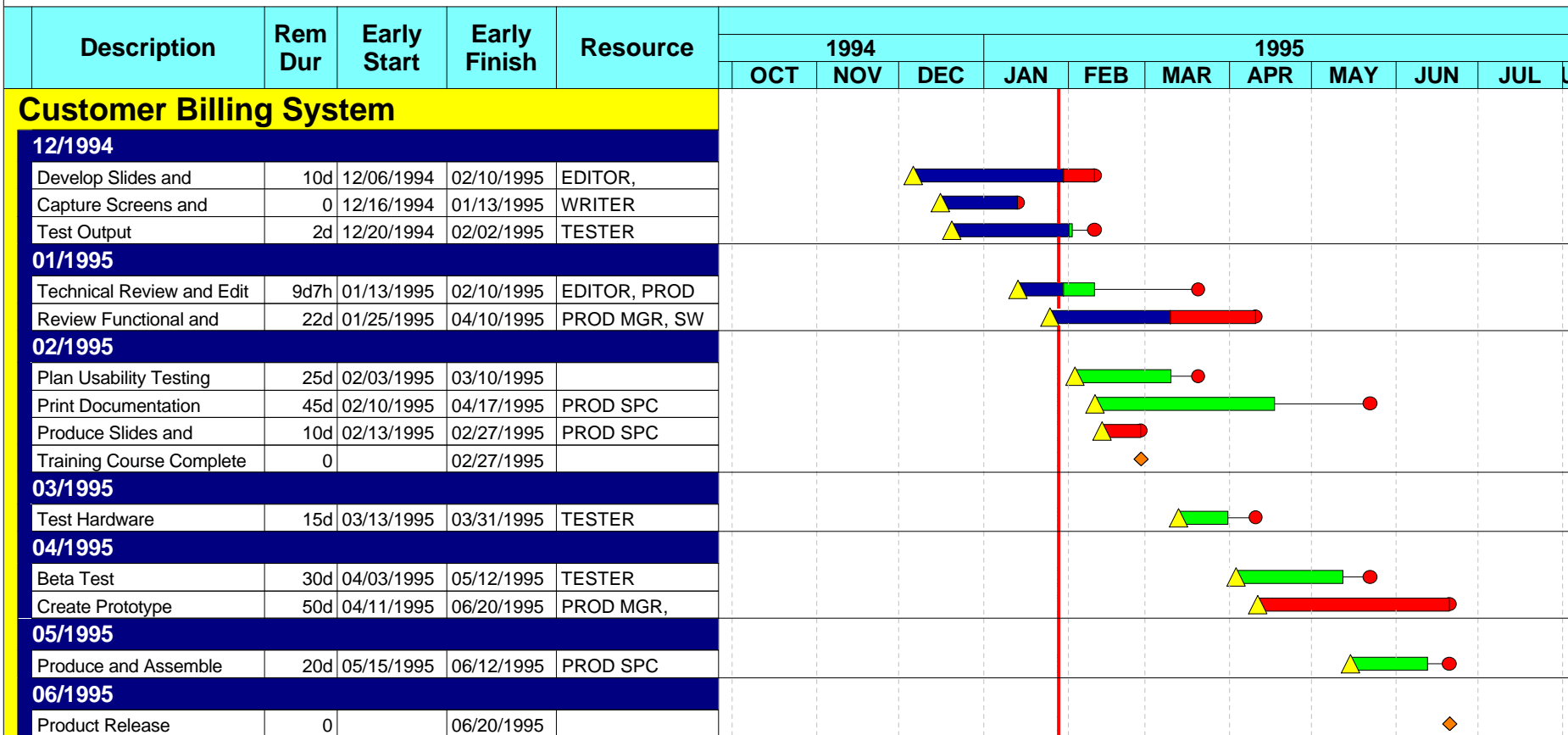


Customer Billing System



ID	Description	Units												
DOC	Documentation Staff							3774	7109	3594	384	144		
MKTG	Marketing								1264	2177	6550	3149	1850	1210
PROG	Programmers								558		2976	4532	5368	3416
TEST	Testers							2670	6001	598	5888	598	230	

Data date	01/28/1995	Early start point Early bar Late finish point Total float bar	Progress bar Critical bar Start milestone point Finish milestone point	Date	Revision	Checked	Approved
Start date	10/03/1994						
Finish date	08/02/1995						
Must finish date	08/28/1995						
Target finish date	07/20/1995						
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Customer Billing System

Activity Description	Rem Dur	Early Start	Early Finish	1994												1995			
				OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT			
Customer Billing System	145	10/03/94 A	07/20/95																
Overall Functionality	110	10/03/94 A	05/31/95																
Needs Analysis and Requirements	0	10/03/94 A	10/28/94 A																
User Interface Design	0	10/03/94 A	11/28/94 A																
Define Database Input and Output	5	11/29/94 A	01/02/95																
Review Functional and Procedural	25	01/03/95	02/06/95																
Create Prototype	50	02/07/95	04/18/95																
Define Calculation Requirements	30	04/19/95	05/31/95																
Documentation	80	10/03/94 A	06/21/95																
Document Procedures & References	0	10/31/94 A	11/28/94 A																
Capture Screens and Output Examples	15	03/01/95	03/21/95																
Technical Review and Edit	20	03/22/95	04/18/95																
Print Documentation	45	04/19/95	06/21/95																
Create Sample Data and Write Tutorial	0	10/03/94 A	10/28/94 A																
Production	20	06/22/95	07/20/95																
Produce and Assemble Product Packages	20	06/22/95	07/20/95																
Product Release	0		07/20/95																
Testing	105	10/03/94 A	05/23/95																
Usability Study	25	04/19/95	05/23/95																
Alpha Test User Interface	0	10/03/94 A	11/11/94 A																
Test Calculations	0	11/14/94 A	12/19/94 A																
Test Output	20	12/20/94 A	01/23/95																
Plan Usability Testing	25	01/24/95	02/28/95																
Test Hardware Compatibility	15	03/01/95	03/21/95																
Beta Test	30	03/22/95	05/02/95																
Training	20	10/31/94 A	01/23/95																
Develop Course Outline for User Training	0	10/31/94 A	11/11/94 A																
Develop Sample Data	0	11/14/94 A	12/05/94 A																
Develop Slides and Training Manual	10	12/06/94 A	01/09/95																
Produce Slides and Training Manual	10	01/10/95	01/23/95																
Training Course Complete	0		01/23/95																

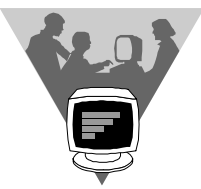
Early start point	Progress point	Data date	12/27/94	Date		Revision		Checked		Approved	
Early finish point	Critical point	Start date	10/03/94								
Early bar	Summary point	Finish date	07/20/95								
Progress bar	Start milestone point	Must finish date									
Critical bar	Finish milestone point	Target finish date	07/20/95								
Summary bar		© Primavera Systems, Inc.									

Report: Update turnaround
 Layout: Shows update turnaround data
 Filter: All Activities

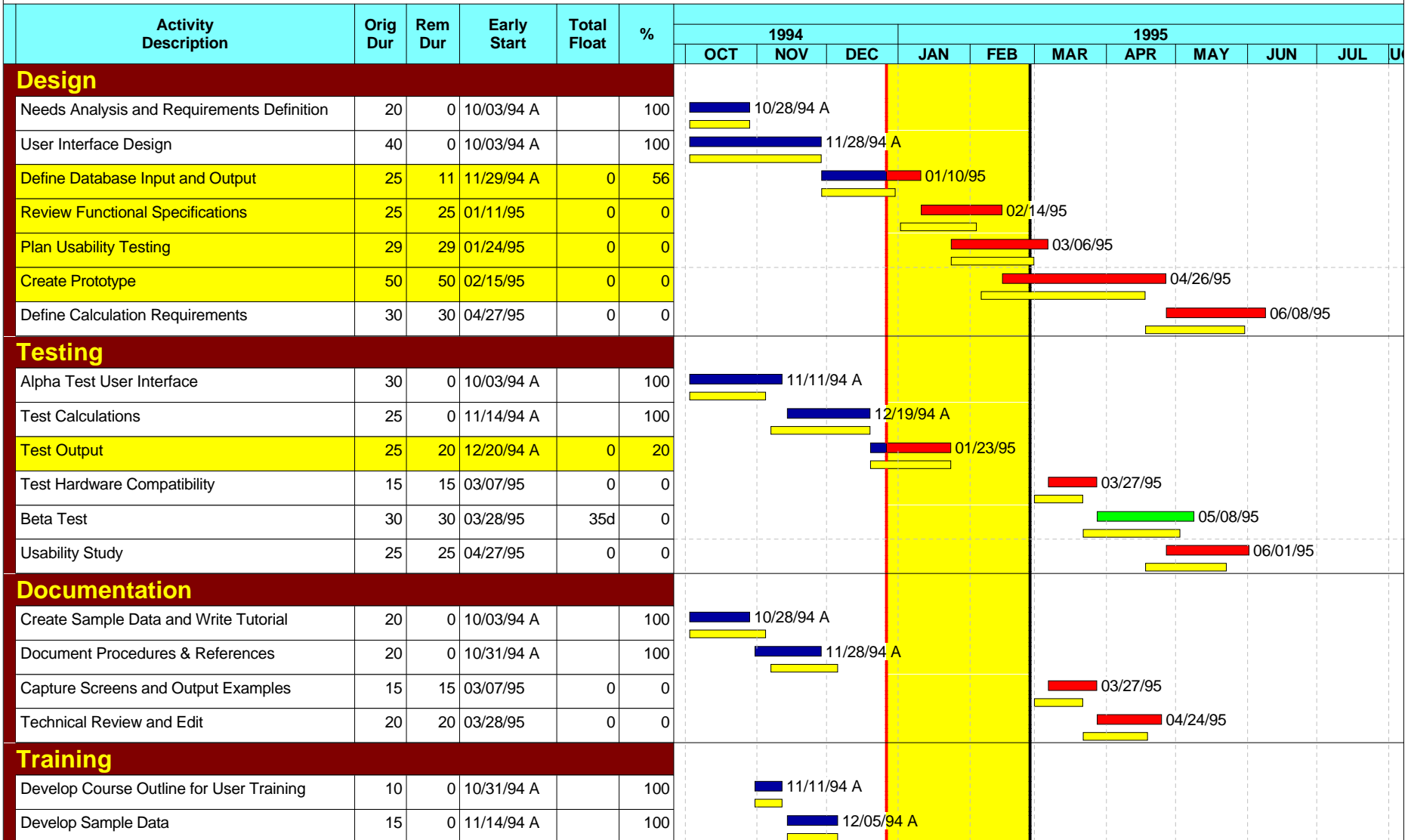
SureTrak Project Manager Customer Billing System

Technology Systems, Inc.
 Report Date: 08/21/1995
 Page 1A of 2C

Act ID	Activity Description	Rem Dur	Revised Rem Dur	Early Start	Actual Start	Early Finish	Actual Finish	%	Revised %	Suspend Date	Resume Date
Department Reviews											
P1DESG00	Needs Analysis and Requirements Definition	0		10/03/1994	10/03/1994	10/28/1994	10/28/1994	100			
P1DESG01	Define Database Input and Output Requirements	28d		11/29/1994	11/29/1994	03/09/1995		0			
P1DESG011	Review Functional and Procedural Specs	22d		01/25/1995	01/25/1995	04/10/1995		12			
P1DESG02	Define Calculation Requirements	30d		06/21/1995		08/02/1995		0			
Software Engineering											
P1DESG13	User Interface Design	0		10/03/1994	10/03/1994	11/28/1994	11/28/1994	100			
P1DESG04	Create Prototype	50d		04/11/1995		06/20/1995		0			
Quality Assurance											
P1TEST01	Alpha Test User Interface	0		10/03/1994	10/03/1994	11/11/1994	11/11/1994	100			
P1TEST02	Test Calculations	2d		11/14/1994	11/14/1994	01/31/1995		92			
P1TEST03	Test Output	2d		12/20/1994	12/20/1994	02/02/1995		94			
P1DESG15	Plan Usability Testing	25d		02/03/1995		03/10/1995		0			
P1TEST05	Test Hardware Compatibility	15d		03/13/1995		03/31/1995		0			
P1TEST06	Beta Test	30d		04/03/1995		05/12/1995		0			
P1TEST00	Usability Study	25d		06/21/1995		07/26/1995		0			
Documentation											
P1DOCM01	Create Sample Data and Write Tutorial	0		10/03/1994	10/03/1994	10/28/1994	10/28/1994	100			
P1DOCM03	Document Procedures & References	0		10/31/1994	10/31/1994	11/28/1994	11/28/1994	100			
P1DOCM04	Capture Screens and Output Examples	0		12/16/1994	12/16/1994	01/13/1995	01/13/1995	100			
P1DOCM06	Technical Review and Edit	9d7h		01/13/1995	01/13/1995	02/10/1995		51			
Training											
P1TRNG00	Develop Course Outline for User Training	0		10/31/1994	10/31/1994	11/11/1994	11/11/1994	100			
P1TRNG01	Develop Sample Data	0		11/14/1994	11/14/1994	12/15/1994	12/15/1994	100			
P1TRNG02	Develop Slides and Training Manual	10d		12/06/1994	12/06/1994	02/10/1995		60			
P1TRNG03	Produce Slides and Training Manual	10d		02/13/1995		02/27/1995		0			
P1TRNG04	Training Course Complete	0				02/27/1995		0			
Production											
P1PROD00	Print Documentation	45d		02/10/1995		04/17/1995		0			
P1PROD09	Produce and Assemble Product Packages	20d		05/15/1995		06/12/1995		0			

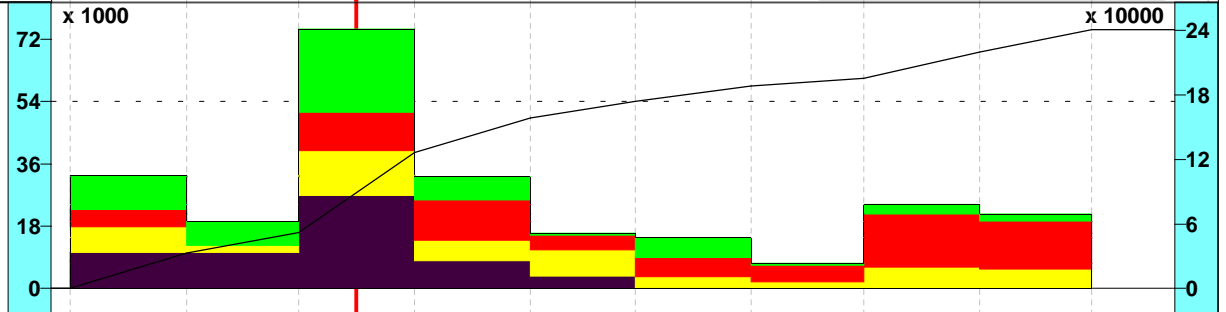
	Data date	01/28/1995		Date	Revision	Checked	Approved
	Start date	10/03/1994					
	Finish date	08/02/1995					
	Must finish date	08/28/1995					
	Target finish date	07/20/1995					
	© Primavera Systems, Inc.						

Customer Billing System



 Early bar	Data date	12/27/94	Date	Revision	Checked	Approved
 Target bar	Start date	10/03/94				
 Progress bar	Finish date	07/26/95				
 Critical bar	Must finish date					
 Start milestone point	Target finish date	07/20/95				
	© Primavera Systems, Inc.					

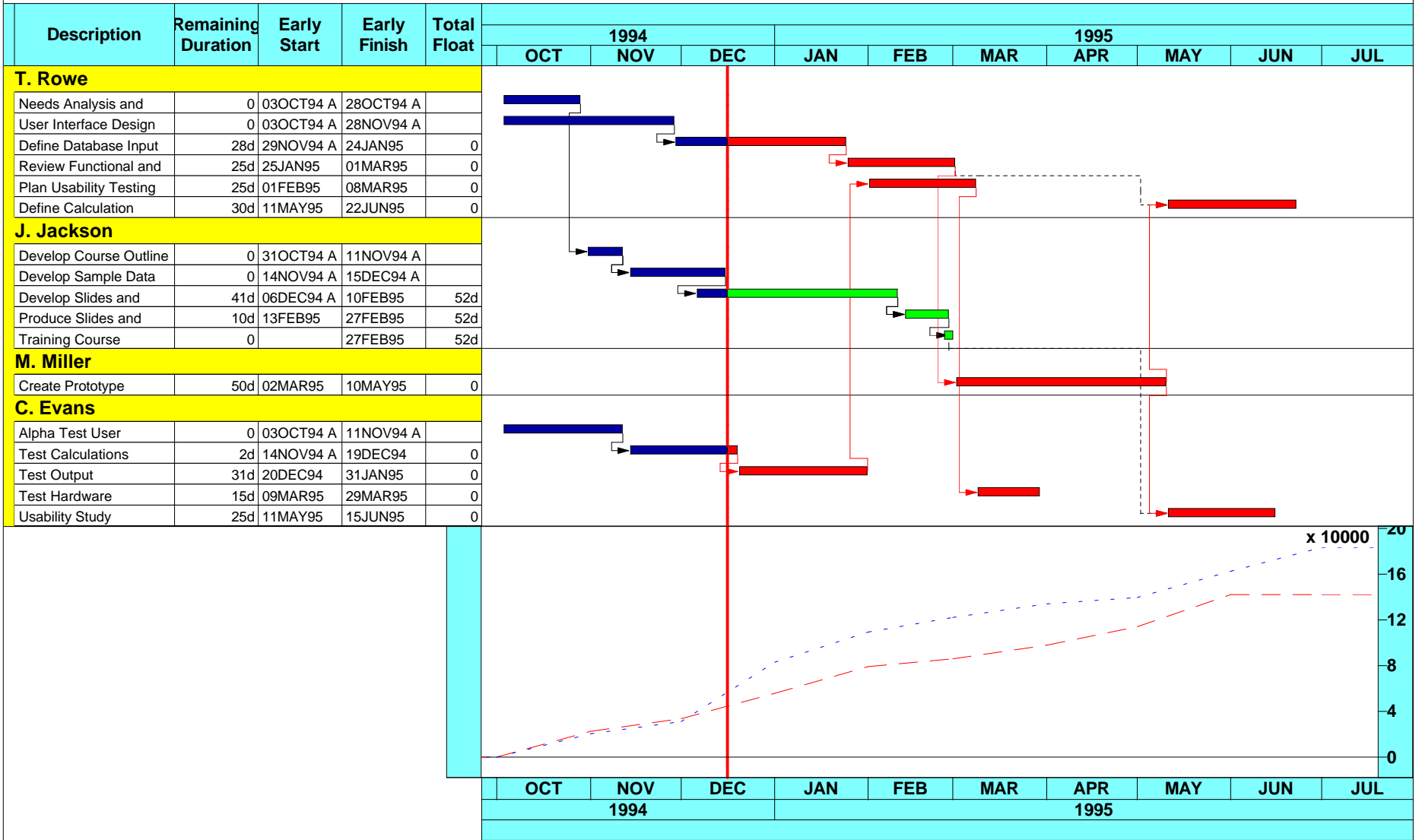
Budgeted Cost	BCWS	BCWP	Cost Variance	Schedule Variance	1994			1995						
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
+Department Reviews														
71469	17534	5001	-5559	-12533	22JUN95									
+Software Engineering														
13950	0	0	0	0	10MAY95									
+Quality Assurance														
45405	18950	13806	-5072	-5145	15JUN95									
+Documentation														
30410	20430	20430	0	0	10FEB95									
+Training														
11575	7190	5550	0	-1640	27FEB95									
+Production														
5850	0	0	0	0	08JUN95									



ID	Description	Units	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
DOC	Documentation Staff		10164	10325	26723	7921	3409	24				
MKTG	Marketing		7420	1878	12970	5904	7497	3120	1679	5950	5405	
PROG	Programmers		4960		10958	11542	4340	5554	4880	15392	13824	
TEST	Testers		9660	6789	23984	6644	437	5589	460	2760	2024	

			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL
			1994			1995						

<p>DOC —</p> <p>MKTG —</p> <p>PROG —</p> <p>TEST —</p>	<p>Calculate: Total</p> <p>Display: Costs</p> <p>Interval: Month</p> <p>— Total cumulative curve</p>	<p> Early bar</p> <p> Target bar</p> <p> Progress bar</p> <p> Critical bar</p>	<table border="1"> <tr><td>Data date</td><td>16DEC94</td></tr> <tr><td>Start date</td><td>03OCT94</td></tr> <tr><td>Finish date</td><td>22JUN95</td></tr> <tr><td>Must finish date</td><td>28AUG95</td></tr> <tr><td>Target finish date</td><td>20JUL95</td></tr> <tr><td colspan="2">© Primavera Systems, Inc.</td></tr> </table>	Data date	16DEC94	Start date	03OCT94	Finish date	22JUN95	Must finish date	28AUG95	Target finish date	20JUL95	© Primavera Systems, Inc.	
Data date	16DEC94														
Start date	03OCT94														
Finish date	22JUN95														
Must finish date	28AUG95														
Target finish date	20JUL95														
© Primavera Systems, Inc.															



Resource total —
 Calculate: Total
 Display: Performance
 Interval: Month
 — Earned Value
 - - - BCWS
 - - - Costs

Early bar
 Progress bar
 Critical bar

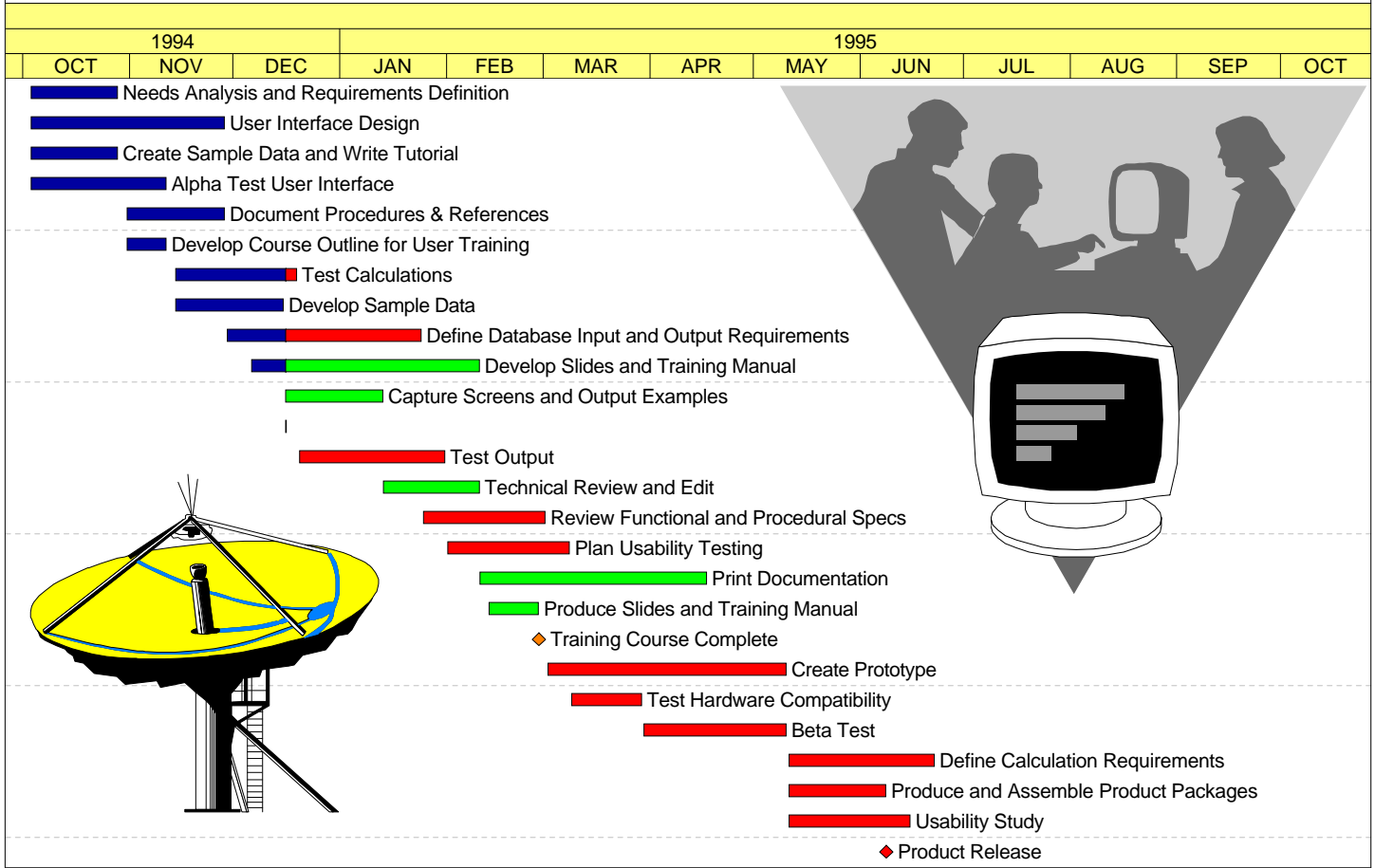
Confidential

Data date	16DEC94
Start date	03OCT94
Finish date	22JUN95
Must finish date	28AUG95
Target finish date	20JUL95
© Primavera Systems, Inc.	

Customer Billing System

Act ID	Activity Description	Early Start	Early Finish	%	Budgeted Cost	Scheduled Cost	Actual Cost to Date	Earned Value	Cost Variance	Schedule Variance	
Customer Billing System											
Overall Functionality											
P1DESG00	Needs Analysis and Requirements Definition	10-03-94 A	10-28-94 A	100	10560	10560	10560	4988	-5572	-5572	
P1DOCM03	Document Procedures & References	10-31-94 A	11-28-94 A	100	9080	9080	9080	9080	0	0	
P1DESG011	Review Functional and Procedural Specs	01-25-95	03-01-95	0	12825	0	0	0	0	0	
P1DESG15	Plan Usability Testing	02-01-95	03-08-95	0	0	0	0	0	0	0	
P1DESG04	Create Prototype	03-02-95	05-10-95	0	13950	0	0	0	0	0	
Algorithm											
P1TEST02	Test Calculations	11-14-94 A	12-19-94	92	5520	5150	5078	6	-5072	-5145	
P1DESG02	Define Calculation Requirements	05-11-95	06-22-95	0	30464	0	0	0	0	0	
User Interface											
P1DESG13	User Interface Design	10-03-94 A	11-28-94 A	100	0	0	0	0	0	0	
P1TEST01	Alpha Test User Interface	10-03-94 A	11-11-94 A	100	13800	13800	13800	13800	0	0	
P1TEST00	Usability Study	05-11-95	06-15-95	0	10675	0	0	0	0	0	
Reports											
P1TEST03	Test Output	12-20-94	01-31-95	0	9200	0	0	0	0	0	
Testing											
P1TEST05	Test Hardware Compatibility	03-09-95	03-29-95	0	5520	0	0	0	0	0	
P1TEST06	Beta Test	03-30-95	05-10-95	0	690	0	0	0	0	0	
Documentation											
P1TRNG01	Develop Sample Data	11-14-94 A	12-15-94 A	100	3750	3750	3750	3750	0	0	
P1DOCM06	Technical Review and Edit	01-13-95	02-10-95	0	5660	0	0	0	0	0	
P1PROD00	Print Documentation	02-10-95	04-17-95	0	4050	0	0	0	0	0	
Training											
P1TRNG00	Develop Course Outline for User Training	10-31-94 A	11-11-94 A	100	1800	1800	1800	1800	0	0	
P1TRNG02	Develop Slides and Training Manual	12-06-94 A	02-10-95	0	5125	1640	0	0	0	-1640	
P1TRNG03	Produce Slides and Training Manual	02-13-95	02-27-95	0	900	0	0	0	0	0	
P1TRNG04	Training Course Complete		02-27-95	0	0	0	0	0	0	0	
Production											
P1PROD09	Produce and Assemble Product Packages	05-11-95	06-08-95	0	1800	0	0	0	0	0	
P1PROD10	Product Release		06-08-95	0	0	0	0	0	0	0	
Summary											
		10-03-94 A	06-22-95	28	145369	45780	44068	33424	-10644	-12357	

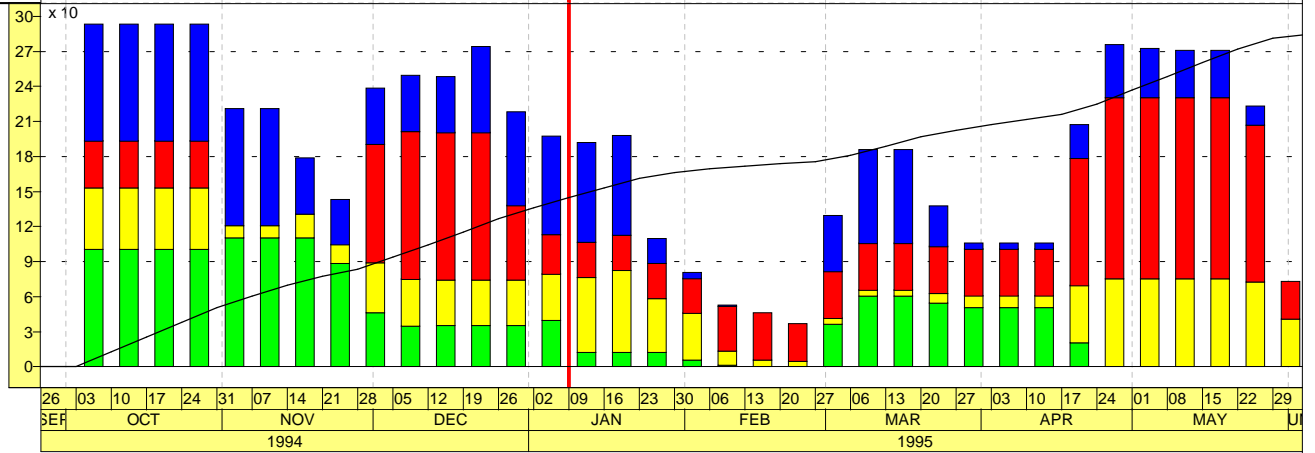
Data date	12-16-94		Date	Revision	Checked	Approved
Start date	10-03-94					
Finish date	06-22-95					
Must finish date	08-28-95					
Target finish date	07-20-95					
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Sum of Cost at Completion	SECT - Program Section											
Resource ID	ALGR	DATA	DOC	FUNC	OUTP	PROD	TEST	TRNG	TUTR	USER	Grand Total	
EDITOR	0	0	\$ 4,000	0	0	0	0	\$ 625	0	0	\$ 4,625	
PROD MGR	\$ 8,400	\$ 6,720	\$ 1,750	\$ 15,750	0	\$ -	0	0	\$ 1,750	\$ 875	\$ 35,245	
PROD SPC	0	0	\$ 4,050	0	0	\$ 1,800	0	\$ 900	0	0	\$ 6,750	
PROGR01	0	0	0	\$ 4,200	0	0	0	0	0	\$ 2,800	\$ 7,000	
PROGR02	\$ 7,680	\$ 1,600	0	\$ 8,000	0	0	0	0	0	\$ 2,400	\$ 19,680	
SW ENGR	\$ 14,384	\$ 9,300	0	\$ 9,610	0	0	0	0	0	0	\$ 33,294	
TESTER	\$ 5,520	0	0	\$ 575	\$ 9,200	0	\$ 6,210	0	0	\$ 18,400	\$ 39,905	
TRAINER	0	0	\$ 2,700	0	0	0	0	\$ 6,300	0	0	\$ 9,000	
WRITER	0	0	\$ 5,280	\$ 8,280	0	0	0	0	\$ 9,600	0	\$ 23,160	
Grand Total	\$ 35,984	\$ 17,620	\$ 17,780	\$ 46,415	\$ 9,200	\$ 1,800	\$ 6,210	\$ 7,825	\$ 11,350	\$ 24,475	\$ 178,659	

Customer Billing System

Budgeted Quantity	Quantity at Completion	Budgeted Cost	Cost at Completion	1994												1995																			
				SEP 26	OCT 03	OCT 10	OCT 17	OCT 24	NOV 31	NOV 07	NOV 14	NOV 21	NOV 28	DEC 05	DEC 12	DEC 19	DEC 26	JAN 02	JAN 09	JAN 16	JAN 23	JAN 30	FEB 06	FEB 13	FEB 20	FEB 27	MAR 06	MAR 13	MAR 20	MAR 27	APR 03	APR 10	APR 17	APR 24	MAY 01
Tester																																			
600.00	600.00	13800.00	13800.00	Alpha Test User Interface																															
240.00	240.00	5520.00	5520.00	Test Calculations																															
400.00	400.00	9200.00	9200.00	Test Output																															
25.00	25.00	575.00	575.00	Review Functional and Procedural Specifications																															
240.00	240.00	5520.00	5520.00	Test Hardware Compatibility																															
30.00	30.00	690.00	690.00	Usability Testing																															
200.00	200.00	4600.00	4600.00																																
Trainer																																			
60.00	60.00	1800.00	1800.00	Develop Course Outline for User Training																															
90.00	90.00	2700.00	2700.00	Develop Sample Data																															
150.00	150.00	4500.00	4500.00	Develop Slides and Tutorials																															
Writer																																			
400.00	400.00	9600.00	9600.00	Create Sample Data and Write Tutorial																															
320.00	320.00	7680.00	7680.00	Document Procedures & References																															
25.00	25.00	600.00	600.00	Review Functional and Procedural Specifications																															
180.00	180.00	4320.00	4320.00	Capture Screens and Output Examples																															
40.00	40.00	960.00	960.00	Technical Review and Editing																															

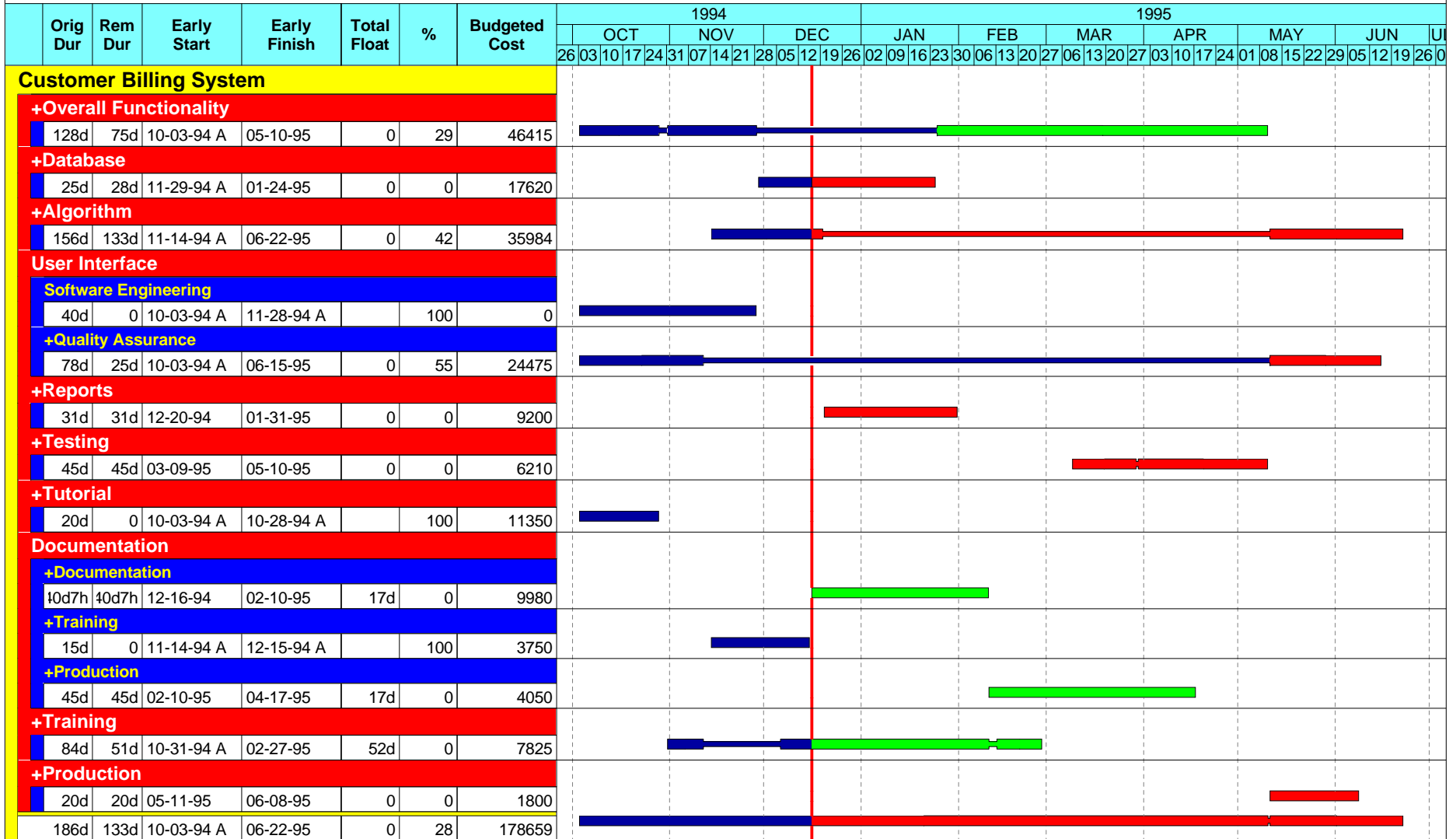


<ul style="list-style-type: none"> ◆ Early start point ◆ Early finish point ■ Early bar ● Late finish point 	<ul style="list-style-type: none"> — Total float bar ■ Progress bar ■ Critical bar ◆ Start milestone point 	<table border="1"> <tr><td>Data date</td><td>01/09/95</td></tr> <tr><td>Start date</td><td>10/03/94</td></tr> <tr><td>Finish date</td><td>07/20/95</td></tr> <tr><td>Must finish date</td><td></td></tr> <tr><td>Target finish date</td><td>07/20/95</td></tr> <tr><td colspan="2">© Primavera Systems, Inc.</td></tr> </table>	Data date	01/09/95	Start date	10/03/94	Finish date	07/20/95	Must finish date		Target finish date	07/20/95	© Primavera Systems, Inc.		<table border="1"> <tr><td>DOC</td><td>■</td></tr> <tr><td>MKTG</td><td>■</td></tr> <tr><td>PROG</td><td>■</td></tr> <tr><td>TEST</td><td>■</td></tr> </table>	DOC	■	MKTG	■	PROG	■	TEST	■	<ul style="list-style-type: none"> Calculate: Total Display: Quantity Interval: Week — Total cumulative curve
Data date	01/09/95																							
Start date	10/03/94																							
Finish date	07/20/95																							
Must finish date																								
Target finish date	07/20/95																							
© Primavera Systems, Inc.																								
DOC	■																							
MKTG	■																							
PROG	■																							
TEST	■																							

Report: Roll-up Phase/Resp
 Layout: Summ. Resp w/in Phase (one bar)
 Filter: All Activities

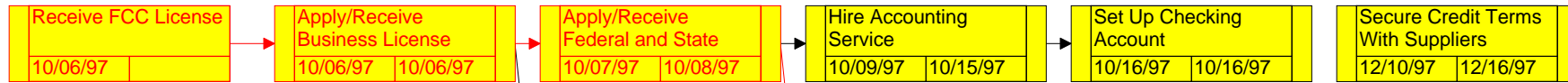
SureTrak Project Manager Customer Billing System

Technology Systems, Inc.
 Report Date: 08-22-95
 Page 1A of 1B

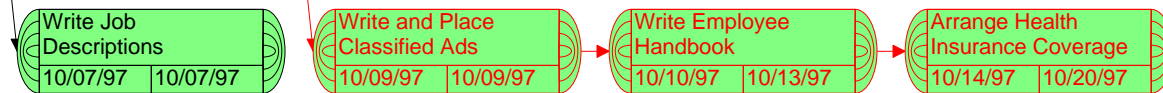


	Early bar	Data date	12-16-94		Date	Revision	Checked	Approved
	Progress bar	Start date	10-03-94					
	Critical bar	Finish date	06-22-95					
	Start milestone point	Must finish date	08-28-95					
		Target finish date	07-20-95					
		© Primavera Systems, Inc.						

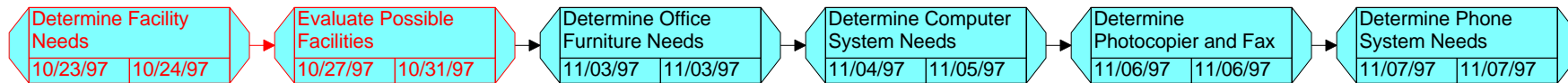
Mobilization



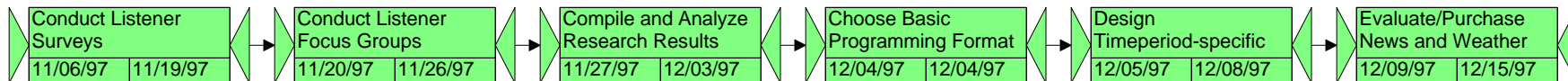
Human Resources



Purchasing



Station Programming



Sales and Marketing

Start date	10/06/97
Finish date	01/22/98
Data date	10/06/97
Run date	04/09/97
Page number	1A

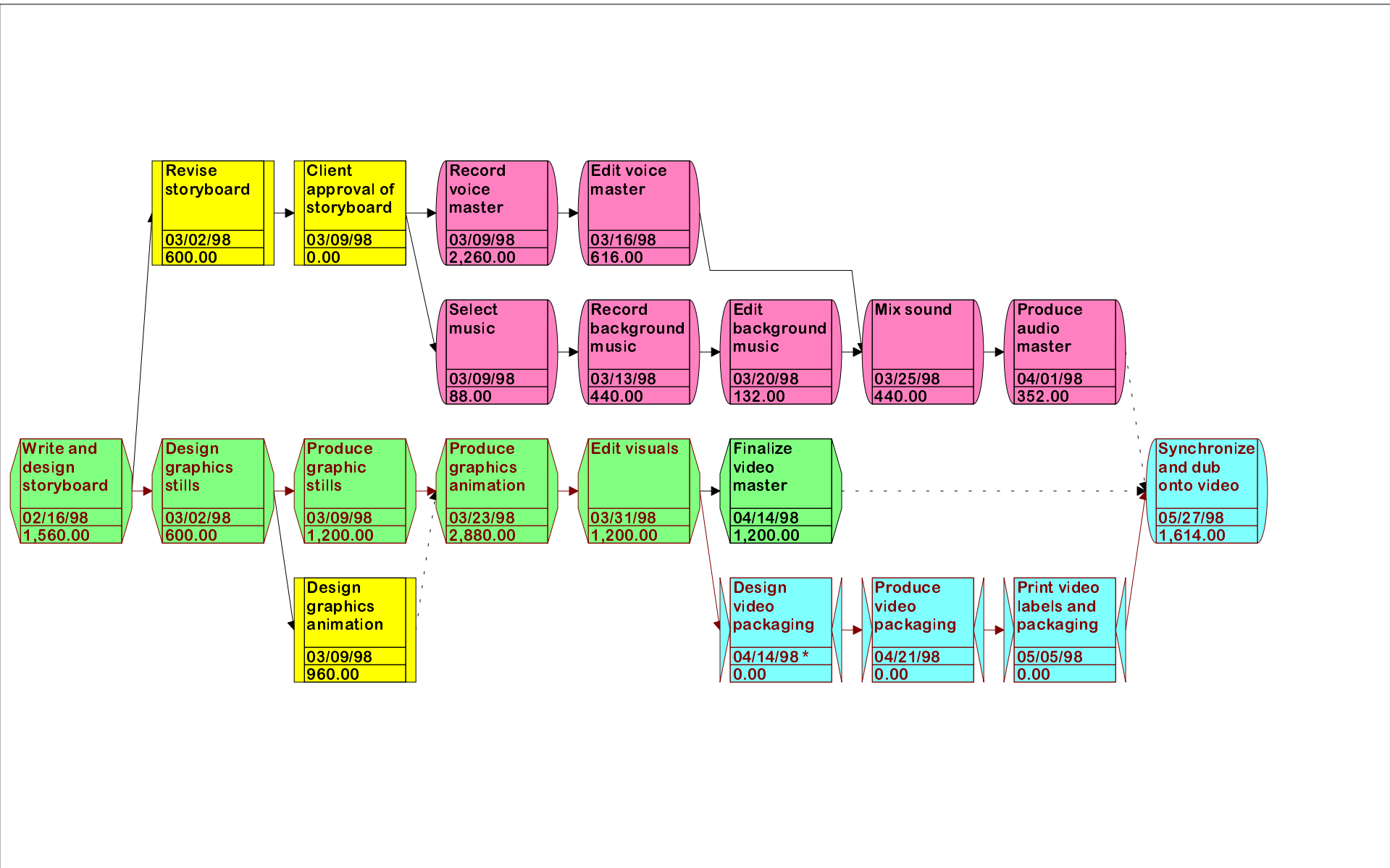
Olson Media Enterprises KCOB Radio Station Launch

DESC

ES

EF

- Driving relationship
- - - - - Nondriving relationship
- █ Critical color



Start date	02/16/98
Finish date	05/29/98
Data date	02/16/98
Run date	04/09/97
Page number	1A

**Alhambra Productions, Inc.
Granada Marketing Video**

DESC	
ES	
BC	

— Driving relationship
 - - - Nondriving relationship
 Critical color