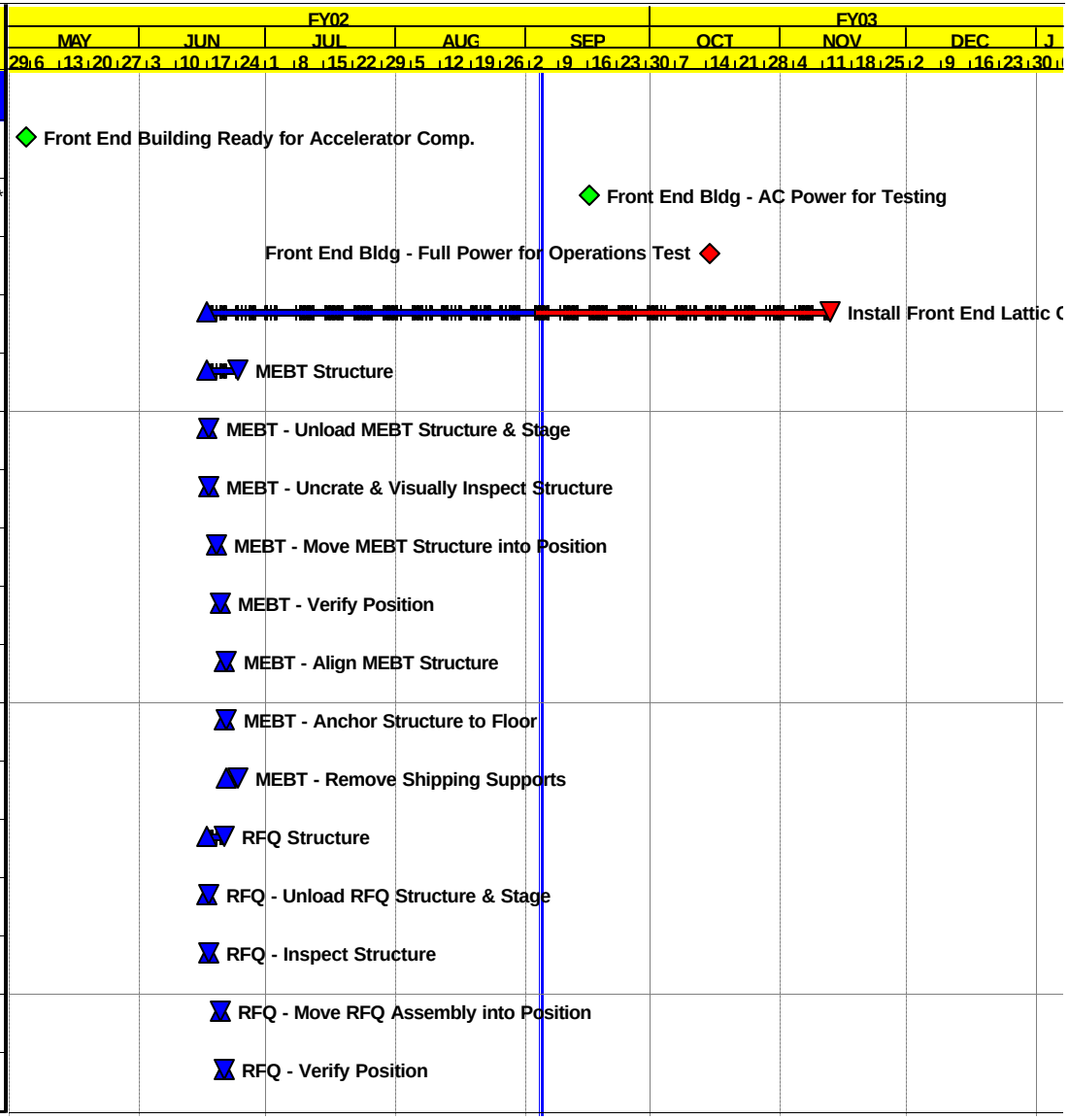
Front End System

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00000100	Front End Building Ready for Accelerator Comp.	0	0	100	05MAY02 08:00A
FE00000120	Front End Bldg - AC Power for Testing	0	0	0	16SEP02 08:00*
FE00000140	Front End Bldg - Full Power for Operations Test	0	0	0	15OCT02 08:00*
FE00001000	Install Front End Lattic Components	832*	392*	53	17JUN02 08:00A
FE00001100	MEBT Structure	42*	0*	100	17JUN02 08:00A
FE00001105	MEBT - Unload MEBT Structure & Stage	4	0	100	17JUN02 08:00A
FE00001110	MEBT - Uncrate & Visually Inspect Structure	2	0	100	17JUN02 13:00A
FE00001115	MEBT - Move MEBT Structure into Position	2	0	100	19JUN02 15:00A
FE00001120	MEBT - Verify Position	2	0	100	20JUN02 08:00A
FE00001125	MEBT - Align MEBT Structure	16	0	100	21JUN02 10:00A
FE00001130	MEBT - Anchor Structure to Floor	4	0	100	21JUN02 10:00A
FE00001135	MEBT - Remove Shipping Supports	4	0	100	21JUN02 15:00A
FE00001140	RFQ Structure	34*	0*	100	17JUN02 10:00A
FE00001145	RFQ - Unload RFQ Structure & Stage	4	0	100	17JUN02 10:00A
FE00001150	RFQ - Inspect Structure	2	0	100	17JUN02 15:00A
FE00001155	RFQ - Move RFQ Assembly into Position	2	0	100	20JUN02 08:00A
FE00001160	RFQ - Verify Position	2	0	100	21JUN02 10:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 1 of 14

Spallation Neutron Source, ORNL

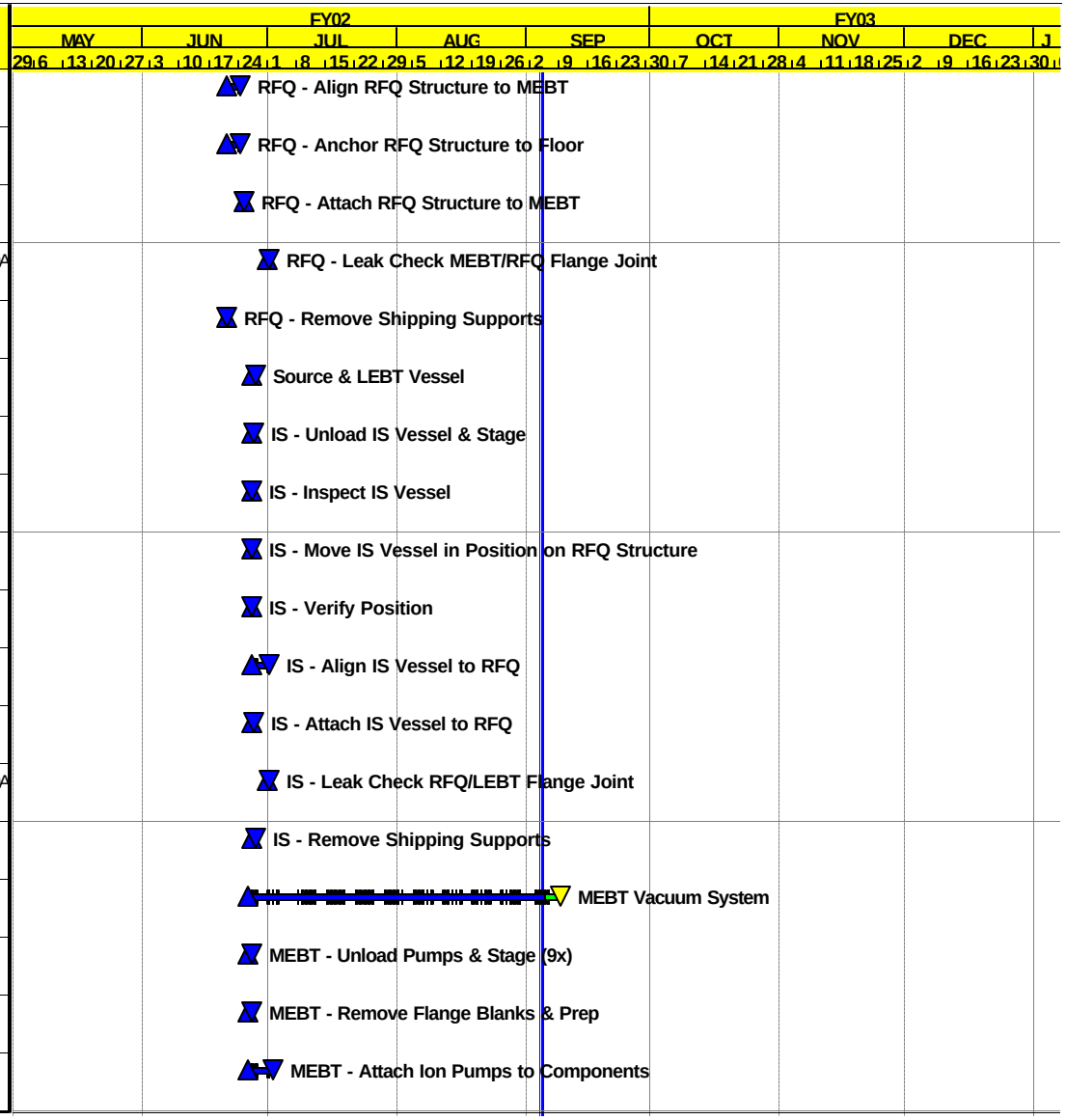
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00001165	RFQ - Align RFQ Structure to MEBT	8	0	100	21JUN02 13:00A
FE00001170	RFQ - Anchor RFQ Structure to Floor	4	0	100	21JUN02 13:00A
FE00001175	RFQ - Attach RFQ Structure to MEBT	4	0	100	25JUN02 08:00A
FE00001180	RFQ - Leak Check MEBT/RFQ Flange Joint	4	0	100	01JUL02 08:00A
FE00001185	RFQ - Remove Shipping Supports	4	0	100	21JUN02 08:00A
FE00001190	Source & LEBT Vessel	6*	0*	100	27JUN02 13:00A
FE00001195	IS - Unload IS Vessel & Stage	4	0	100	27JUN02 13:00A
FE00001200	IS - Inspect IS Vessel	2	0	100	27JUN02 08:00A
FE00001205	IS - Move IS Vessel in Position on RFQ Structure	2	0	100	27JUN02 10:00A
FE00001210	IS - Verify Position	2	0	100	27JUN02 13:00A
FE00001215	IS - Align IS Vessel to RFQ	16	0	100	27JUN02 15:00A
FE00001220	IS - Attach IS Vessel to RFQ	4	0	100	27JUN02 15:00A
FE00001225	IS - Leak Check RFQ/LEBT Flange Joint	4	0	100	01JUL02 08:00A
FE00001230	IS - Remove Shipping Supports	4	0	100	27JUN02 15:00A
FE00001235	MEBT Vacuum System	400*	18*	96	26JUN02 10:00A
FE00001240	MEBT - Unload Pumps & Stage (9x)	9	0	100	26JUN02 10:00A
FE00001245	MEBT - Remove Flange Blanks & Prep	9	0	100	26JUN02 11:00A
FE00001250	MEBT - Attach Ion Pumps to Components	36	0	100	26JUN02 13:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 2 of 14

Spallation Neutron Source, ORNL

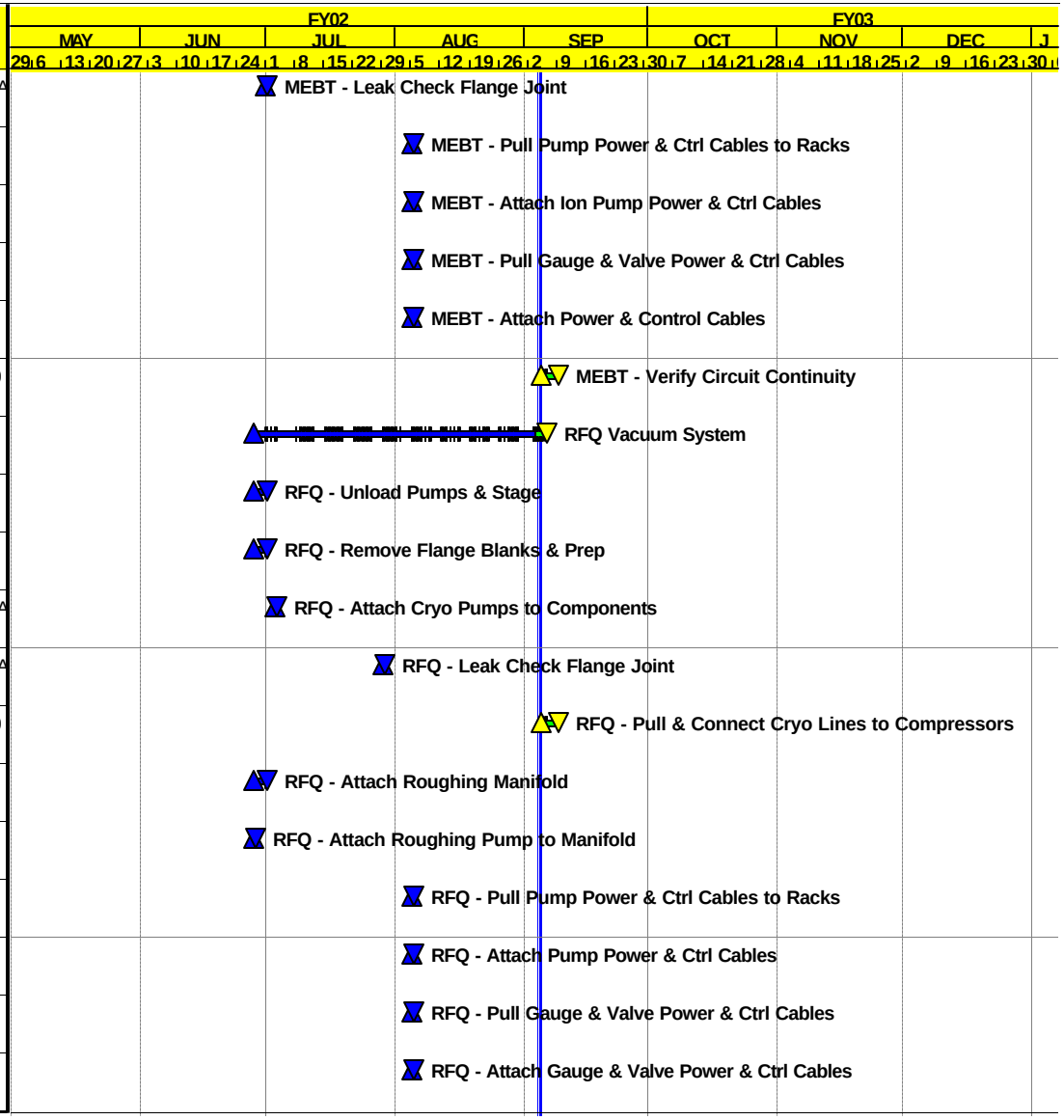
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00001255	MEBT - Leak Check Flange Joint	36	0	100	01JUL02 08:00A
FE00001260	MEBT - Pull Pump Power & Ctrl Cables to Racks	36	0	100	05AUG02 08:00A
FE00001265	MEBT - Attach Ion Pump Power & Ctrl Cables	36	0	100	05AUG02 08:00A
FE00001270	MEBT - Pull Gauge & Valve Power & Ctrl Cables	36	0	100	05AUG02 08:00A
FE00001275	MEBT - Attach Power & Control Cables	36	0	100	05AUG02 08:00A
FE00001280	MEBT - Verify Circuit Continuity	18	18	0	05SEP02 08:00
FE00001285	RFQ Vacuum System	382*	14*	96	28JUN02 08:00A
FE00001290	RFQ - Unload Pumps & Stage	7	0	100	28JUN02 08:00A
FE00001295	RFQ - Remove Flange Blanks & Prep	6	0	100	28JUN02 08:00A
FE00001300	RFQ - Attach Cryo Pumps to Components	24	0	100	03JUL02 08:00A
FE00001305	RFQ - Leak Check Flange Joint	24	0	100	29JUL02 08:00A
FE00001310	RFQ - Pull & Connect Cryo Lines to Compressors	24	24	0	05SEP02 08:00
FE00001315	RFQ - Attach Roughing Manifold	8	0	100	28JUN02 08:00A
FE00001320	RFQ - Attach Roughing Pump to Manifold	1	0	100	28JUN02 08:00A
FE00001325	RFQ - Pull Pump Power & Ctrl Cables to Racks	28	0	100	05AUG02 08:00A
FE00001330	RFQ - Attach Pump Power & Ctrl Cables	28	0	100	05AUG02 08:00A
FE00001335	RFQ - Pull Gauge & Valve Power & Ctrl Cables	28	0	100	05AUG02 08:00A
FE00001340	RFQ - Attach Gauge & Valve Power & Ctrl Cables	28	0	100	05AUG02 08:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 3 of 14

Spallation Neutron Source, ORNL

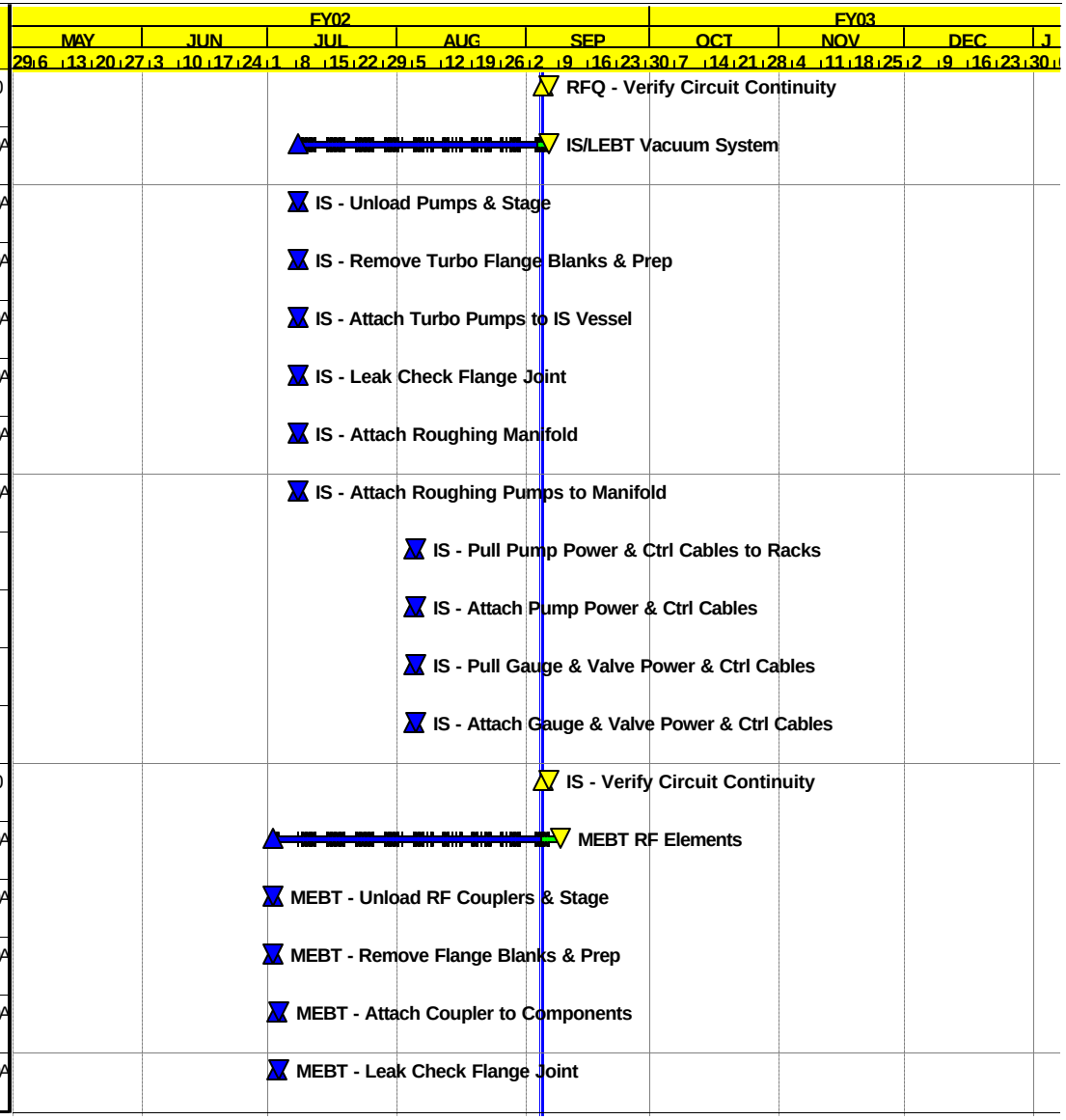
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00001345	RFQ - Verify Circuit Continuity	14	14	0	05SEP02 08:00
FE00001350	IS/LEBT Vacuum System	350*	14*	96	08JUL02 08:00A
FE00001355	IS - Unload Pumps & Stage	6	0	100	08JUL02 08:00A
FE00001360	IS - Remove Turbo Flange Blanks & Prep	3	0	100	08JUL02 08:00A
FE00001365	IS - Attach Turbo Pumps to IS Vessel	12	0	100	08JUL02 08:00A
FE00001370	IS - Leak Check Flange Joint	12	0	100	08JUL02 08:00A
FE00001375	IS - Attach Roughing Manifold	8	0	100	08JUL02 08:00A
FE00001377	IS - Attach Roughing Pumps to Manifold	3	0	100	08JUL02 08:00A
FE00001380	IS - Pull Pump Power & Ctrl Cables to Racks	24	0	100	05AUG02 08:00A
FE00001385	IS - Attach Pump Power & Ctrl Cables	24	0	100	05AUG02 08:00A
FE00001390	IS - Pull Gauge & Valve Power & Ctrl Cables	28	0	100	05AUG02 08:00A
FE00001395	IS - Attach Gauge & Valve Power & Ctrl Cables	28	0	100	05AUG02 08:00A
FE00001400	IS - Verify Circuit Continuity	14	14	0	05SEP02 08:00
FE00001405	MEBT RF Elements	376*	24*	94	02JUL02 08:00A
FE00001410	MEBT - Unload RF Couplers & Stage	4	0	100	02JUL02 08:00A
FE00001415	MEBT - Remove Flange Blanks & Prep	4	0	100	02JUL02 08:00A
FE00001420	MEBT - Attach Coupler to Components	4	0	100	03JUL02 08:00A
FE00001425	MEBT - Leak Check Flange Joint	16	0	100	03JUL02 08:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 4 of 14

Spallation Neutron Source, ORNL

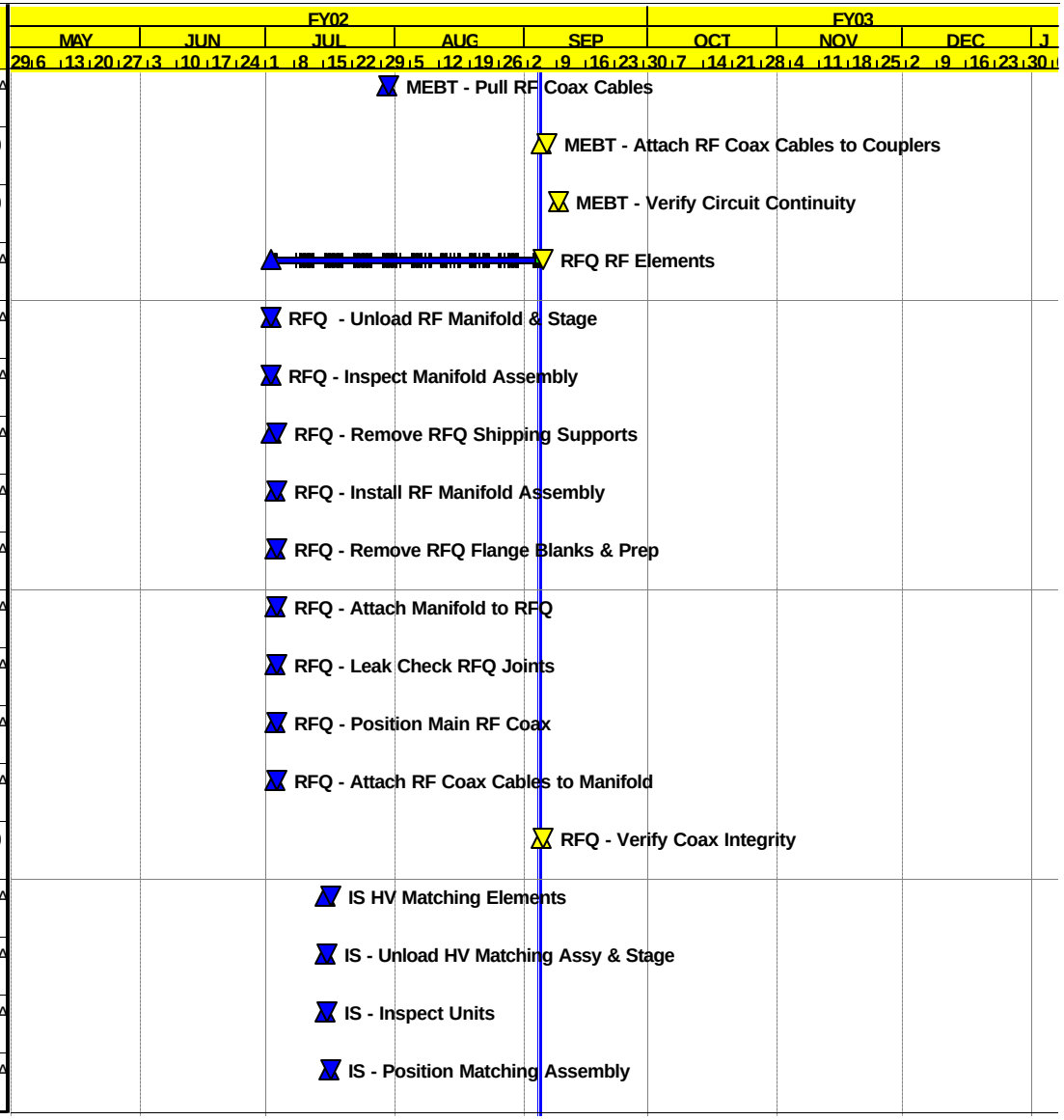
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00001430	MEBT - Pull RF Coax Cables	16	0	100	30JUL02 08:00A
FE00001435	MEBT - Attach RF Coax Cables to Couplers	16	16	0	05SEP02 08:00
FE00001440	MEBT - Verify Circuit Continuity	8	8	0	09SEP02 08:00
FE00001445	RFQ RF Elements	360*	8*	98	02JUL02 08:00A
FE00001450	RFQ - Unload RF Manifold & Stage	1	0	100	02JUL02 08:00A
FE00001455	RFQ - Inspect Manifold Assembly	1	0	100	02JUL02 08:00A
FE00001460	RFQ - Remove RFQ Shipping Supports	4	0	100	02JUL02 08:00A
FE00001465	RFQ - Install RF Manifold Assembly	8	0	100	03JUL02 08:00A
FE00001470	RFQ - Remove RFQ Flange Blanks & Prep	8	0	100	03JUL02 08:00A
FE00001475	RFQ - Attach Manifold to RFQ	8	0	100	03JUL02 08:00A
FE00001480	RFQ - Leak Check RFQ Joints	32	0	100	03JUL02 08:00A
FE00001485	RFQ - Position Main RF Coax	4	0	100	03JUL02 08:00A
FE00001490	RFQ - Attach RF Coax Cables to Manifold	4	0	100	03JUL02 08:00A
FE00001495	RFQ - Verify Coax Integrity	8	8	0	05SEP02 08:00
FE00001500	IS HV Matching Elements	16*	0*	100	15JUL02 08:00A
FE00001505	IS - Unload HV Matching Assy & Stage	1	0	100	15JUL02 08:00A
FE00001510	IS - Inspect Units	1	0	100	15JUL02 08:00A
FE00001515	IS - Position Matching Assembly	1	0	100	16JUL02 08:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

SITC - FTED

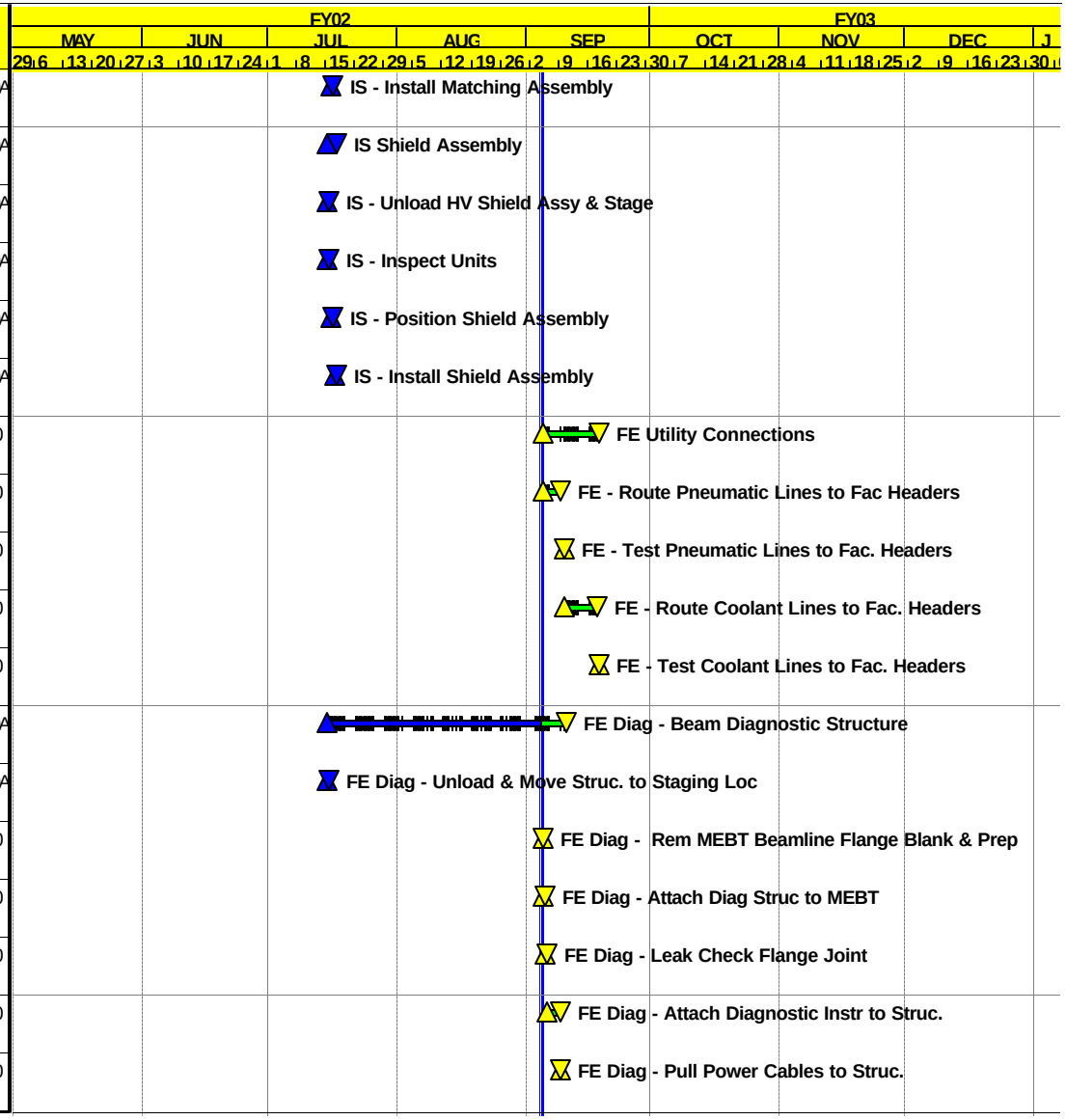
Spallation Neutron Source, ORNL

Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00001520	IS - Install Matching Assembly	8	0	100	16JUL02 08:00A
FE00001525	IS Shield Assembly	24*	0*	100	15JUL02 08:00A
FE00001530	IS - Unload HV Shield Assy & Stage	1	0	100	15JUL02 08:00A
FE00001535	IS - Inspect Units	1	0	100	15JUL02 08:00A
FE00001540	IS - Position Shield Assembly	1	0	100	16JUL02 08:00A
FE00001545	IS - Install Shield Assembly	4	0	100	17JUL02 08:00A
FE00001550	FE Utility Connections	80*	80*	0	05SEP02 08:00
FE00001555	FE - Route Pneumatic Lines to Fac Headers	24	24	0	05SEP02 08:00
FE00001560	FE - Test Pneumatic Lines to Fac. Headers	4	4	0	10SEP02 08:00
FE00001565	FE - Route Coolant Lines to Fac. Headers	48	48	0	10SEP02 13:00
FE00001570	FE - Test Coolant Lines to Fac. Headers	4	4	0	18SEP02 13:00
FE00002000	FE Diag - Beam Diagnostic Structure	328*	32*	90	15JUL02 08:00A
FE00002010	FE Diag - Unload & Move Struc. to Staging Loc	1	0	100	15JUL02 08:00A
FE00002020	FE Diag - Rem MEBT Beamline Flange Blank & Prep	1	1	0	05SEP02 08:00
FE00002030	FE Diag - Attach Diag Struc to MEBT	4	4	0	05SEP02 09:00
FE00002040	FE Diag - Leak Check Flange Joint	4	4	0	05SEP02 14:00
FE00002050	FE Diag - Attach Diagnostic Instr to Struc.	8	8	0	06SEP02 09:00
FE00002060	FE Diag - Pull Power Cables to Struc.	4	4	0	09SEP02 09:00



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 6 of 14

Spallation Neutron Source, ORNL

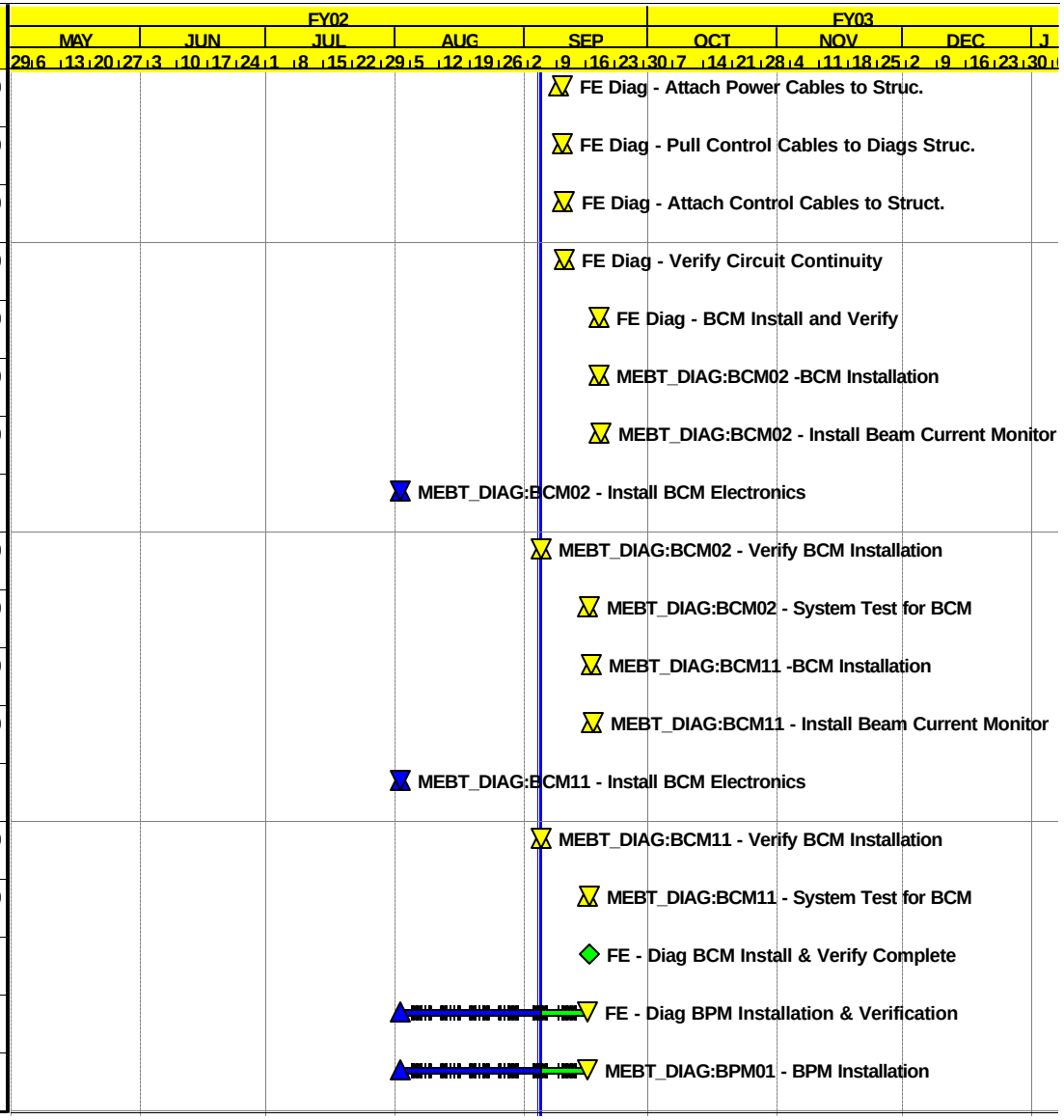
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00002065	FE Diag - Attach Power Cables to Struc.	4	4	0	09SEP02 14:00
FE00002070	FE Diag - Pull Control Cables to Diags Struc.	4	4	0	10SEP02 09:00
FE00002075	FE Diag - Attach Control Cables to Struct.	2	2	0	10SEP02 14:00
FE00002080	FE Diag - Verify Circuit Continuity	1	1	0	10SEP02 16:00
FE00005100	FE Diag - BCM Install and Verify	0*	0*	0	19SEP02 08:00
FE00005200	MEBT_DIAG:BCM02 -BCM Installation	0*	0*	0	19SEP02 08:00
FE00005210	MEBT_DIAG:BCM02 - Install Beam Current Monitor	8	8	0	19SEP02 08:00
FE00005220	MEBT_DIAG:BCM02 - Install BCM Electronics	8	0	100	02AUG02 08:00A
FE00005230	MEBT_DIAG:BCM02 - Verify BCM Installation	4	4	0	05SEP02 08:00
FE00005240	MEBT_DIAG:BCM02 - System Test for BCM	8	8	0	16SEP02 08:00
FE00005300	MEBT_DIAG:BCM11 -BCM Installation	0*	0*	0	17SEP02 08:00
FE00005310	MEBT_DIAG:BCM11 - Install Beam Current Monitor	8	8	0	17SEP02 08:00
FE00005320	MEBT_DIAG:BCM11 - Install BCM Electronics	8	0	100	02AUG02 08:00A
FE00005330	MEBT_DIAG:BCM11 - Verify BCM Installation	4	4	0	05SEP02 08:00
FE00005340	MEBT_DIAG:BCM11 - System Test for BCM	8	8	0	16SEP02 08:00
FE00005400	FE - Diag BCM Install & Verify Complete	0	0	0	
FE00005500	FE - Diag BPM Installation & Verification	242*	58*	76	02AUG02 08:00A
FE00005600	MEBT_DIAG:BPM01 - BPM Installation	242*	58*	76	02AUG02 08:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

SITC - FTED

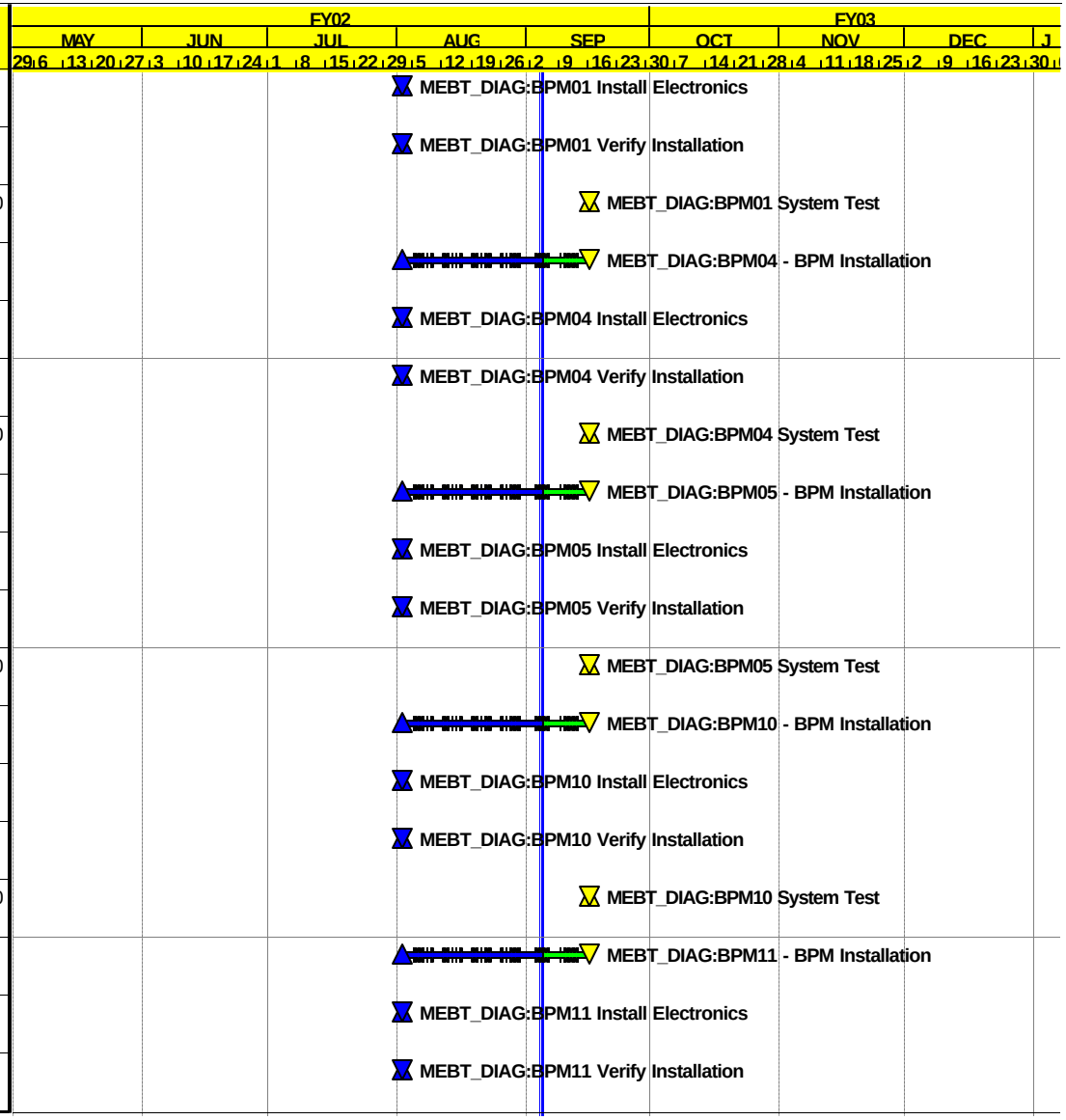
Spallation Neutron Source, ORNL

Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00005610	MEBT_DIAG:BPM01 Install Electronics	2	0	100	02AUG02 08:00A
FE00005620	MEBT_DIAG:BPM01 Verify Installation	2	0	100	02AUG02 08:00A
FE00005630	MEBT_DIAG:BPM01 System Test	2	2	0	16SEP02 08:00
FE00005700	MEBT_DIAG:BPM04 - BPM Installation	242*	58*	76	02AUG02 08:00A
FE00005710	MEBT_DIAG:BPM04 Install Electronics	2	0	100	02AUG02 08:00A
FE00005720	MEBT_DIAG:BPM04 Verify Installation	2	0	100	02AUG02 08:00A
FE00005730	MEBT_DIAG:BPM04 System Test	2	2	0	16SEP02 08:00
FE00005800	MEBT_DIAG:BPM05 - BPM Installation	242*	58*	76	02AUG02 08:00A
FE00005810	MEBT_DIAG:BPM05 Install Electronics	2	0	100	02AUG02 08:00A
FE00005820	MEBT_DIAG:BPM05 Verify Installation	2	0	100	02AUG02 08:00A
FE00005830	MEBT_DIAG:BPM05 System Test	2	2	0	16SEP02 08:00
FE00005900	MEBT_DIAG:BPM10 - BPM Installation	242*	58*	76	02AUG02 08:00A
FE00005910	MEBT_DIAG:BPM10 Install Electronics	2	0	100	02AUG02 08:00A
FE00005920	MEBT_DIAG:BPM10 Verify Installation	2	0	100	02AUG02 08:00A
FE00005930	MEBT_DIAG:BPM10 System Test	2	2	0	16SEP02 08:00
FE00006000	MEBT_DIAG:BPM11 - BPM Installation	242*	58*	76	02AUG02 08:00A
FE00006010	MEBT_DIAG:BPM11 Install Electronics	2	0	100	02AUG02 08:00A
FE00006020	MEBT_DIAG:BPM11 Verify Installation	2	0	100	02AUG02 08:00A



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 8 of 14

Spallation Neutron Source, ORNL

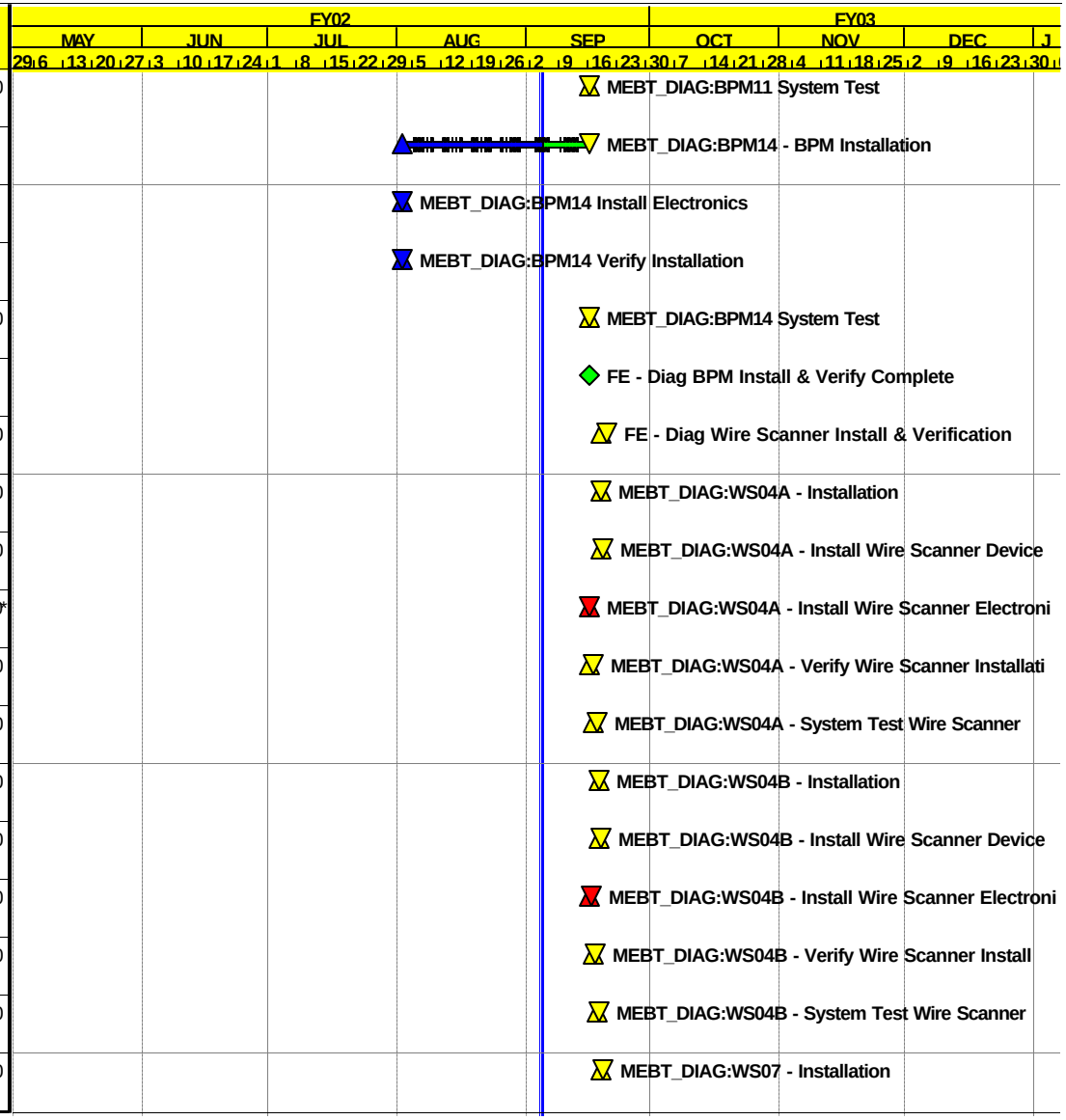
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00006030	MEBT_DIAG:BPM11 System Test	2	2	0	16SEP02 08:00
FE00006100	MEBT_DIAG:BPM14 - BPM Installation	242*	59*	76	02AUG02 08:00A
FE00006110	MEBT_DIAG:BPM14 Install Electronics	2	0	100	02AUG02 08:00A
FE00006120	MEBT_DIAG:BPM14 Verify Installation	2	0	100	02AUG02 08:00A
FE00006130	MEBT_DIAG:BPM14 System Test	2	2	0	16SEP02 08:00
FE00006200	FE - Diag BPM Install & Verify Complete	0	0	0	
FE00006300	FE - Diag Wire Scanner Install & Verification	12*	12*	0	19SEP02 08:00
FE00006400	MEBT_DIAG:WS04A - Installation	0*	0*	0	19SEP02 08:00
FE00006410	MEBT_DIAG:WS04A - Install Wire Scanner Device	6	6	0	19SEP02 08:00
FE00006420	MEBT_DIAG:WS04A - Install Wire Scanner Electroni	4	4	0	16SEP02 08:00*
FE00006430	MEBT_DIAG:WS04A - Verify Wire Scanner Installati	8	8	0	16SEP02 13:00
FE00006440	MEBT_DIAG:WS04A - System Test Wire Scanner	8	8	0	17SEP02 13:00
FE00006500	MEBT_DIAG:WS04B - Installation	4*	4*	0	18SEP02 13:00
FE00006510	MEBT_DIAG:WS04B - Install Wire Scanner Device	6	6	0	18SEP02 13:00
FE00006520	MEBT_DIAG:WS04B - Install Wire Scanner Electroni	4	4	0	16SEP02 13:00
FE00006530	MEBT_DIAG:WS04B - Verify Wire Scanner Install	8	8	0	17SEP02 08:00
FE00006540	MEBT_DIAG:WS04B - System Test Wire Scanner	8	8	0	18SEP02 08:00
FE00006600	MEBT_DIAG:WS07 - Installation	4*	4*	0	19SEP02 08:00



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 9 of 14

Spallation Neutron Source, ORNL

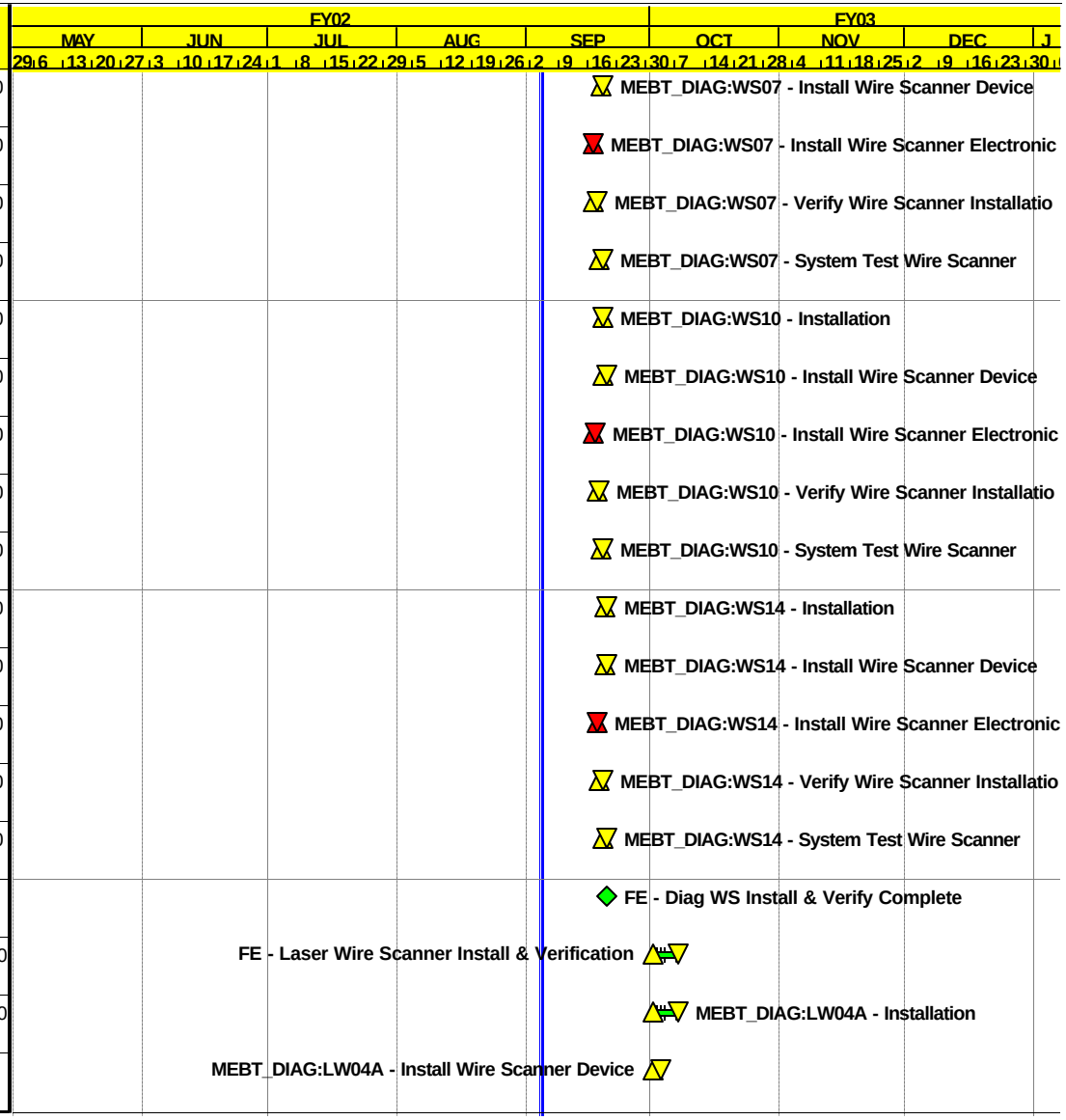
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00006610	MEBT_DIAG:WS07 - Install Wire Scanner Device	6	6	0	19SEP02 08:00
FE00006620	MEBT_DIAG:WS07 - Install Wire Scanner Electronic	4	4	0	17SEP02 08:00
FE00006630	MEBT_DIAG:WS07 - Verify Wire Scanner Installatio	8	8	0	17SEP02 13:00
FE00006640	MEBT_DIAG:WS07 - System Test Wire Scanner	8	8	0	18SEP02 13:00
FE00006700	MEBT_DIAG:WS10 - Installation	4*	4*	0	19SEP02 13:00
FE00006710	MEBT_DIAG:WS10 - Install Wire Scanner Device	6	6	0	19SEP02 13:00
FE00006720	MEBT_DIAG:WS10 - Install Wire Scanner Electronic	4	4	0	17SEP02 13:00
FE00006730	MEBT_DIAG:WS10 - Verify Wire Scanner Installatio	8	8	0	18SEP02 08:00
FE00006740	MEBT_DIAG:WS10 - System Test Wire Scanner	8	8	0	19SEP02 08:00
FE00006800	MEBT_DIAG:WS14 - Installation	4*	4*	0	20SEP02 08:00
FE00006810	MEBT_DIAG:WS14 - Install Wire Scanner Device	6	6	0	20SEP02 08:00
FE00006820	MEBT_DIAG:WS14 - Install Wire Scanner Electronic	4	4	0	18SEP02 08:00
FE00006830	MEBT_DIAG:WS14 - Verify Wire Scanner Installatio	8	8	0	18SEP02 13:00
FE00006840	MEBT_DIAG:WS14 - System Test Wire Scanner	8	8	0	19SEP02 13:00
FE00006900	FE - Diag WS Install & Verify Complete	0	0	0	
FE00007000	FE - Laser Wire Scanner Install & Verification	32*	32*	0	01OCT02 13:00
FE00007010	MEBT_DIAG:LW04A - Installation	32*	32*	0	01OCT02 13:00
FE00007020	MEBT_DIAG:LW04A - Install Wire Scanner Device	16	16	0	01OCT02 13:00*



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

SITC - FTED

Sheet 10 of 14

Spallation Neutron Source, ORNL

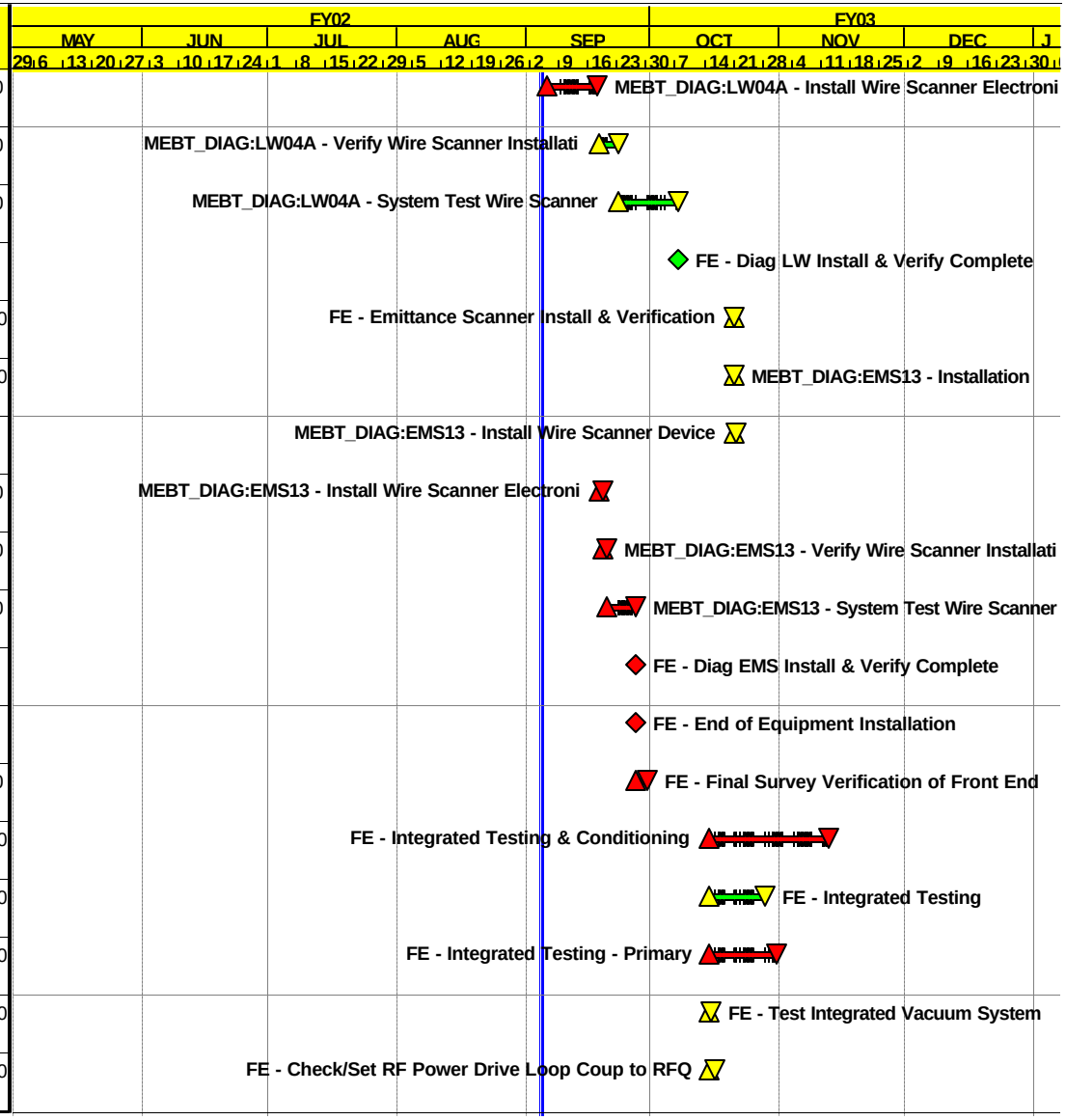
Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

© Primavera Systems, Inc.

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00007030	MEBT_DIAG:LW04A - Install Wire Scanner Electroni	24	24	0	06SEP02 08:00
FE00007040	MEBT_DIAG:LW04A - Verify Wire Scanner Installati	24	24	0	18SEP02 13:00
FE00007050	MEBT_DIAG:LW04A - System Test Wire Scanner	80	80	0	23SEP02 13:00
FE00007060	FE - Diag LW Install & Verify Complete	0	0	0	
FE00007100	FE - Emittance Scanner Install & Verification	0*	0*	0	21OCT02 08:00
FE00007110	MEBT_DIAG:EMS13 - Installation	0*	0*	0	21OCT02 08:00
FE00007120	MEBT_DIAG:EMS13 - Install Wire Scanner Device	8	8	0	21OCT02 08:00*
FE00007130	MEBT_DIAG:EMS13 - Install Wire Scanner Electroni	8	8	0	18SEP02 13:00
FE00007140	MEBT_DIAG:EMS13 - Verify Wire Scanner Installati	8	8	0	19SEP02 13:00
FE00007150	MEBT_DIAG:EMS13 - System Test Wire Scanner	40	40	0	20SEP02 13:00
FE00007160	FE - Diag EMS Install & Verify Complete	0	0	0	
FE00014000	FE - End of Equipment Installation	0	0	0	
FE00014500	FE - Final Survey Verification of Front End	8	8	0	27SEP02 13:00
FE00015000	FE - Integrated Testing & Conditioning	168*	168*	0	15OCT02 08:00
FE00015010	FE - Integrated Testing	76*	76*	0	15OCT02 08:00
FE00015020	FE - Integrated Testing - Primary	100*	100*	0	15OCT02 08:00
FE00015030	FE - Test Integrated Vacuum System	8	8	0	15OCT02 08:00
FE00015040	FE - Check/Set RF Power Drive Loop Coup to RFQ	16	16	0	15OCT02 08:00



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

SITC - FTED

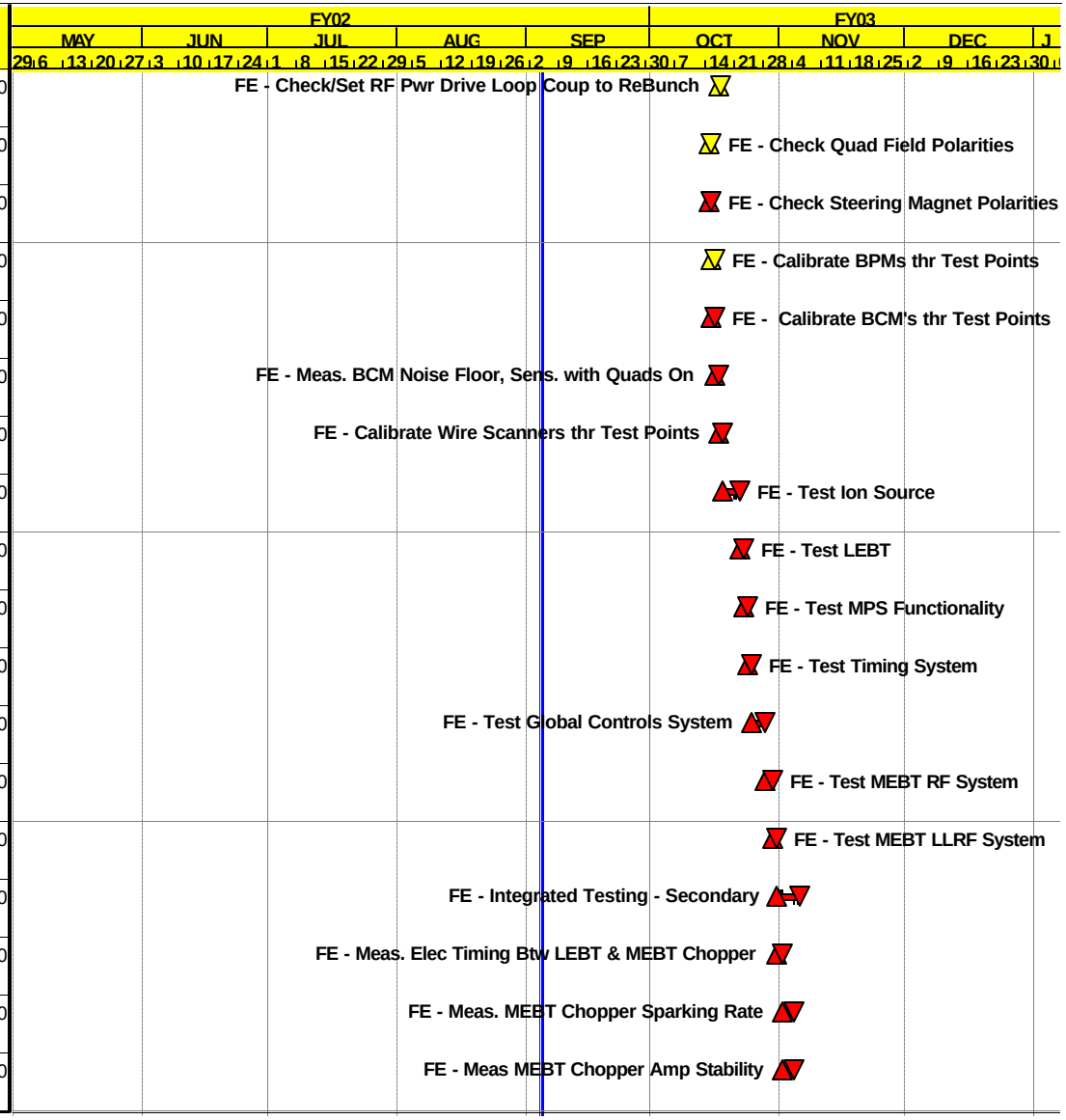
Spallation Neutron Source, ORNL

Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00015050	FE - Check/Set RF Pwr Drive Loop Coup to ReBunch	8	8	0	17OCT02 08:00
FE00015060	FE - Check Quad Field Polarities	4	4	0	15OCT02 08:00
FE00015070	FE - Check Steering Magnet Polarities	4	4	0	15OCT02 08:00
FE00015080	FE - Calibrate BPMs thr Test Points	8	8	0	15OCT02 13:00
FE00015090	FE - Calibrate BCM's thr Test Points	8	8	0	15OCT02 13:00
FE00015100	FE - Meas. BCM Noise Floor, Sens. with Quads On	8	8	0	16OCT02 13:00
FE00015110	FE - Calibrate Wire Scanners thr Test Points	8	8	0	17OCT02 13:00
FE00015120	FE - Test Ion Source	16	16	0	18OCT02 13:00
FE00015130	FE - Test LEBT	8	8	0	22OCT02 13:00
FE00015140	FE - Test MPS Functionality	8	8	0	23OCT02 13:00
FE00015150	FE - Test Timing System	8	8	0	24OCT02 13:00
FE00015160	FE - Test Global Controls System	8	8	0	25OCT02 13:00
FE00015170	FE - Test MEBT RF System	16	16	0	28OCT02 13:00
FE00015180	FE - Test MEBT LLRF System	8	8	0	30OCT02 13:00
FE00015190	FE - Integrated Testing - Secondary	28*	28*	0	31OCT02 13:00
FE00015200	FE - Meas. Elec Timing Btw LEBT & MEBT Chopper	8	8	0	31OCT02 13:00
FE00015210	FE - Meas. MEBT Chopper Sparking Rate	8	8	0	01NOV02 13:00
FE00015220	FE - Meas MEBT Chopper Amp Stability	8	8	0	01NOV02 13:00



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

SITC - FTED

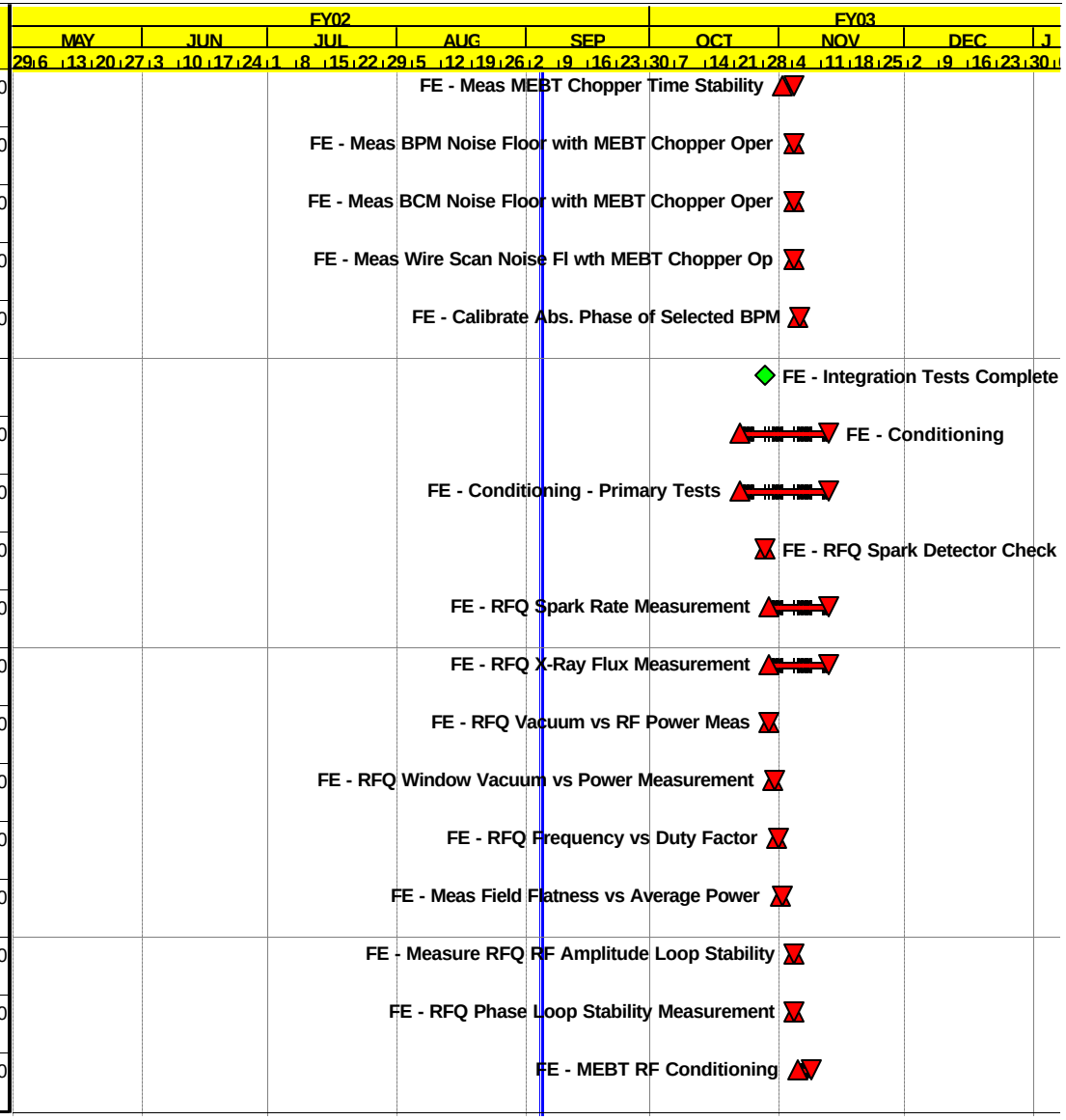
Spallation Neutron Source, ORNL

Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00015230	FE - Meas MEBT Chopper Time Stability	8	8	0	01NOV02 13:00
FE00015240	FE - Meas BPM Noise Floor with MEBT Chopper Oper	4	4	0	04NOV02 13:00
FE00015250	FE - Meas BCM Noise Floor with MEBT Chopper Oper	4	4	0	04NOV02 13:00
FE00015260	FE - Meas Wire Scan Noise Fl wth MEBT Chopper Op	4	4	0	04NOV02 13:00
FE00015270	FE - Calibrate Abs. Phase of Selected BPM	8	8	0	05NOV02 08:00
FE00015280	FE - Integration Tests Complete	0	0	0	
FE00015290	FE - Conditioning	124*	124*	0	22OCT02 13:00
FE00015300	FE - Conditioning - Primary Tests	124*	124*	0	22OCT02 13:00
FE00015310	FE - RFQ Spark Detector Check	4	4	0	28OCT02 13:00
FE00015320	FE - RFQ Spark Rate Measurement	88	88	0	29OCT02 08:00
FE00015330	FE - RFQ X-Ray Flux Measurement	88	88	0	29OCT02 08:00
FE00015340	FE - RFQ Vacuum vs RF Power Meas	8	8	0	29OCT02 08:00
FE00015350	FE - RFQ Window Vacuum vs Power Measurement	8	8	0	30OCT02 08:00
FE00015360	FE - RFQ Frequency vs Duty Factor	8	8	0	31OCT02 08:00
FE00015370	FE - Meas Field Flatness vs Average Power	8	8	0	01NOV02 08:00
FE00015375	FE - Measure RFQ RF Amplitude Loop Stability	8	8	0	04NOV02 08:00
FE00015380	FE - RFQ Phase Loop Stability Measurement	8	8	0	04NOV02 08:00
FE00015390	FE - MEBT RF Conditioning	32	32	0	05NOV02 08:00



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

SITC - FTED

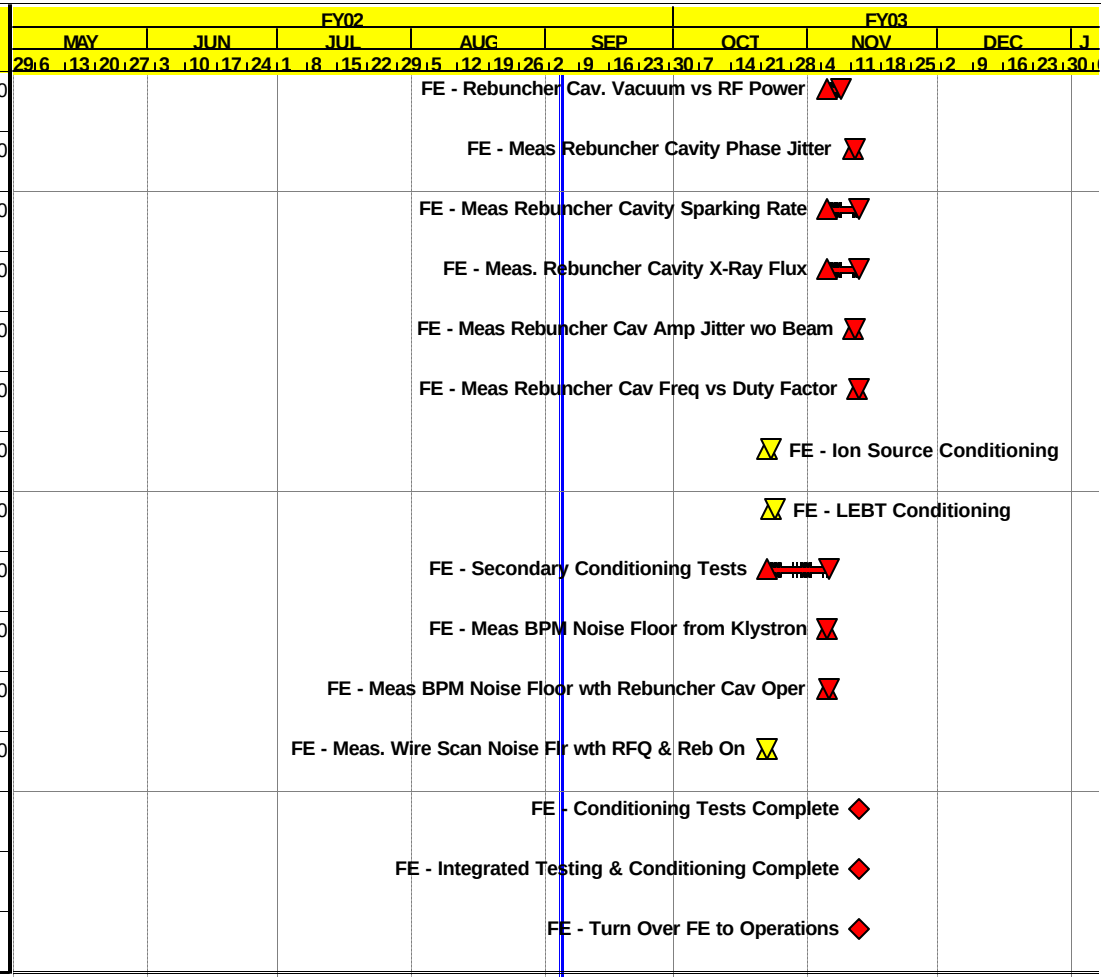
Spallation Neutron Source, ORNL

Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved

Activity ID	Activity Description	Orig Dur	Rem Dur	%	Early Start
FE00015400	FE - Rebuncher Cav. Vacuum vs RF Power	32	32	0	05NOV02 08:00
FE00015410	FE - Meas Rebuncher Cavity Phase Jitter	8	8	0	11NOV02 08:00
FE00015420	FE - Meas Rebuncher Cavity Sparking Rate	48	48	0	05NOV02 08:00
FE00015430	FE - Meas. Rebuncher Cavity X-Ray Flux	48	48	0	05NOV02 08:00
FE00015440	FE - Meas Rebuncher Cav Amp Jitter wo Beam	8	8	0	11NOV02 08:00
FE00015450	FE - Meas Rebuncher Cav Freq vs Duty Factor	8	8	0	12NOV02 08:00
FE00015460	FE - Ion Source Conditioning	8	8	0	22OCT02 13:00
FE00015470	FE - LEBT Conditioning	8	8	0	23OCT02 13:00
FE00015480	FE - Secondary Conditioning Tests	84*	84*	0	22OCT02 13:00
FE00015490	FE - Meas BPM Noise Floor from Klystron	4	4	0	05NOV02 08:00
FE00015500	FE - Meas BPM Noise Floor wth Rebuncher Cav Oper	4	4	0	05NOV02 13:00
FE00015510	FE - Meas. Wire Scan Noise Flr wth RFQ & Reb On	4	4	0	22OCT02 13:00
FE00015520	FE - Conditioning Tests Complete	0	0	0	
FE00015530	FE - Integrated Testing & Conditioning Complete	0	0	0	
FE00100000	FE - Turn Over FE to Operations	0	0	0	



Start Date	07MAR01 00:00
Finish Date	12NOV02 16:59
Data Date	05SEP02 00:00
Run Date	12SEP02 09:13

Early Bar
Progress Bar
Critical Activity

© Primavera Systems, Inc.

SITC - FTED

Spallation Neutron Source, ORNL

Front End System

Classic Schedule Layout

Date	Revision	Checked	Approved