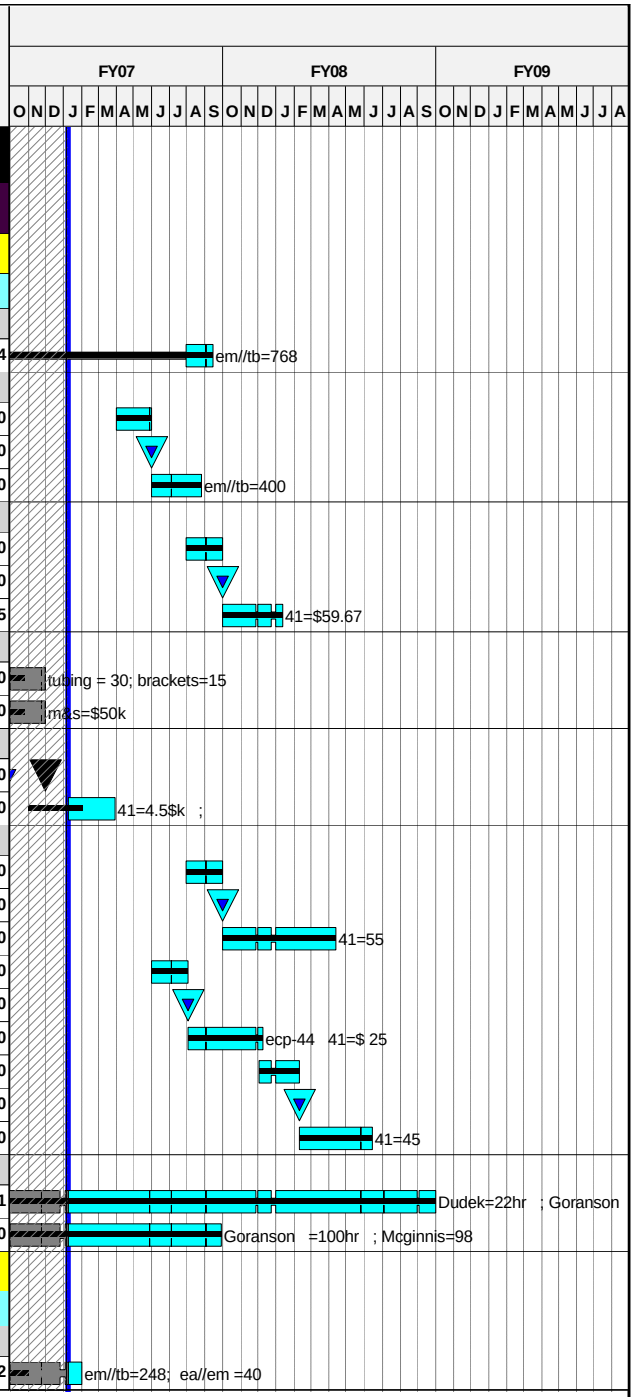
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
cc 9450 - NCSX Fabrication (MIE)									
1 - Stellarator Core Systems									
12 - Vacuum Vessel Systems									
Job: 1204 - VV Sys Procurements (nonVVSA)-DUDEK									
VV Vertical Supports									
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	197*	14SEP07		132	50	31,720.24	62,196.54
VV Lateral Supports									
124-030L	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07		146		0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	31MAY07*		146		0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07		146		0.00	31,332.00
VV Personnel Access Port									
124-110	SPEA VV NB port cover	01AUG07	43	01OCT07		119		0.00	0.00
124-120	Award VV NB port cover		0	01OCT07*		119		0.00	0.00
124-130	VV NB port cover Fabrication (for 3 inconnel	02OCT07	65	11JAN08		119		0.00	83,836.35
VV Heating/Cooling Tubing									
123-037	Fabricate and Deliver H/C Tubing WBS 123	02OCT06A	20	30NOV06A			100	58,860.00	58,860.00
123-037X	Fabricate and Deliver Saddle/clamp hardware	01OCT06A	20	30NOV06A			100	65,400.00	65,400.00
VV Local I&C									
125-036	Issue Procurement Package Local I&C WBS 125	01DEC06A	0					0.00	0.00
125-037	Issue req, Award & fab local I&C WBS 125	08JAN07*	60	30MAR07		161		0.00	5,886.00
Thermal Insulation									
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07		205		0.00	0.00
123-045	Award Insulation Boots WBS 122		0	01OCT07		205		0.00	0.00
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08		205		0.00	77,275.00
122-035	SPEA Port Thermal Insulation	01JUN07*	43	01AUG07		142		0.00	0.00
122-041	Award Port Thermal Insulation		0	01AUG07		142		0.00	0.00
122-051	Deliver Port Thermal Insulation	02AUG07	89	07DEC07		142		0.00	35,125.00
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08		166		0.00	0.00
122-036.9	Award Pourable Insulation		0	08FEB08		166		0.00	0.00
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08		166		0.00	63,225.00
122-031	Title III engr WBS 12 non vvsa PPPL	01FEB06A	669*	30SEP08		250	LOE	1,248.86	3,599.01
122-033	Title III engr WBS 12 non vvsa ORNL FY07	02OCT06A	249*	28SEP07		500	LOE	8,317.25	33,402.60
13 - Conventional Coils									
Job: 1351 - TF Coil Fabr Supplies-KALISH									
TF Materials & Supplies									
1351-534	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	169*	01FEB07		668	68	18,310.11	26,926.62



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zECP-53 baseline
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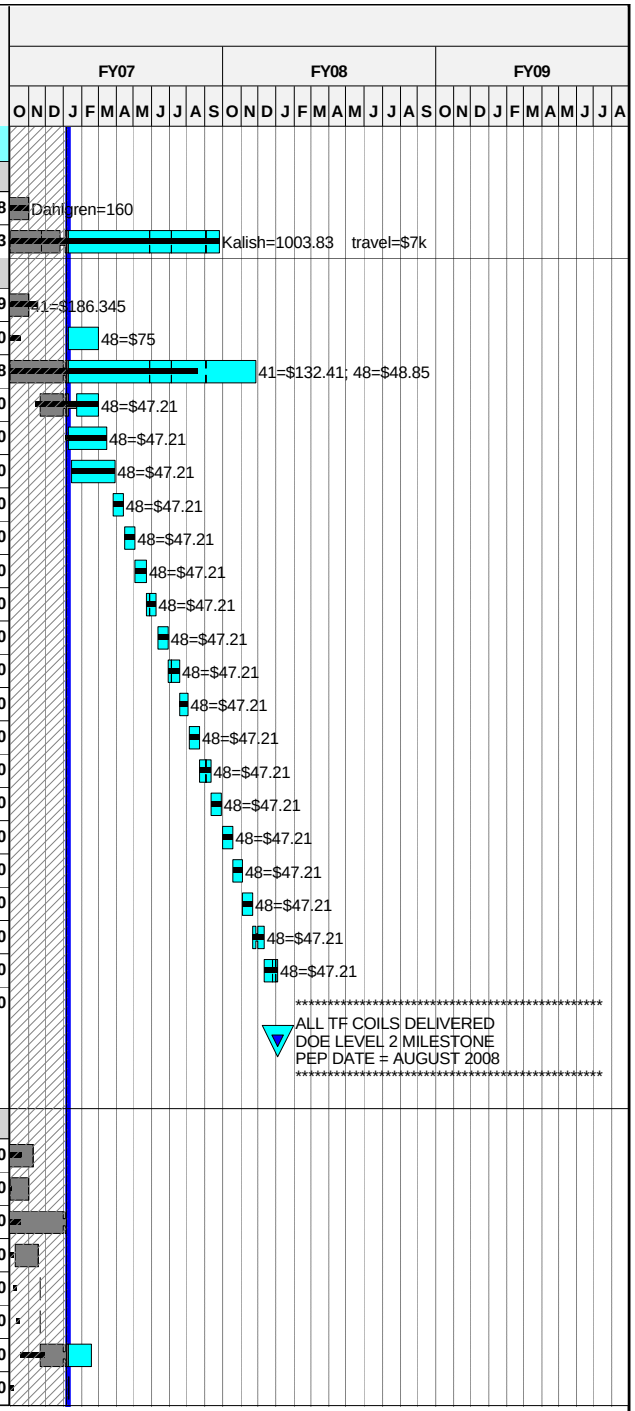
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
Job: 1361 - TF Fabrication-KALISH									
TF Title III and Fabrication Oversight									
1301FD-05	Anaylsis Check	01MAR05A	*423**	31OCT06A			***100***	27,399.08	**27,399.08**
131-033	Title III engr	02OCT06A	*247**	26SEP07		***502***	***LOE***	48,663.74	**193,879.43**
TF Fabrication Contract									
1361C-005	Tooling	28APR06A	*143**	31OCT06A			***100***	253,543.89	**253,543.89**
1361C-009	Tooling (Climax)	08JAN07*	*38**	28FEB07		***667***		0.00	**75,000.00**
1361C-010	Wedge Material (2)	02OCT06A	*228*	26NOV07		***477***	***0***	222,042.28	**222,042.28**
1361C-101	Fab, Test & Deliver Coil #1	21NOV06A	*71**	28FEB07		***667***		28,609.26	**47,210.00**
1361C-102	Fab, Test & Deliver Coil #2	08JAN07	*50**	16MAR07		***655***		0.00	**47,210.00**
1361C-103	Fab, Test & Deliver Coil #3	15JAN07	*55**	30MAR07		***645***		0.00	**47,210.00**
1361C-104	Fab, Test & Deliver Coil #4	26MAR07*	*13*	11APR07		***196***		0.00	**47,210.00**
1361C-105	Fab, Test & Deliver Coil #5	16APR07*	*13*	02MAY07		***194***		0.00	**47,210.00**
1361C-106	Fab, Test & Deliver Coil #6	03MAY07*	*13*	21MAY07		***194***		0.00	**47,210.00**
1361C-107	Fab, Test & Deliver Coil #7	22MAY07*	*13*	08JUN07		***194***		0.00	**47,210.00**
1361C-108	Fab, Test & Deliver Coil #8	11JUN07*	*13*	27JUN07		***194***		0.00	**47,210.00**
1361C-109	Fab, Test & Deliver Coil #9	28JUN07*	*13*	17JUL07		***194***		0.00	**47,210.00**
1361C-110	Fab, Test & Deliver Coil #10	18JUL07*	*13*	03AUG07		***194***		0.00	**47,210.00**
1361C-111	Fab, Test & Deliver Coil #11	06AUG07*	*13*	22AUG07		***194***		0.00	**47,210.00**
1361C-112	Fab, Test & Deliver Coil #12	23AUG07*	*13*	11SEP07		***194***		0.00	**47,210.00**
1361C-113	Fab, Test & Deliver Coil #13	12SEP07*	*13*	28SEP07		***194***		0.00	**47,210.00**
1361C-114	Fab, Test & Deliver Coil #14	01OCT07*	*13*	17OCT07		***194***		0.00	**47,210.00**
1361C-115	Fab, Test & Deliver Coil #15	18OCT07*	*13*	05NOV07		***194***		0.00	**47,220.00**
1361C-116	Fab, Test & Deliver Coil #16	06NOV07*	*13*	22NOV07		***194***		0.00	**47,220.00**
1361C-117	Fab, Test & Deliver Coil #17	23NOV07*	*13*	12DEC07		***194***		0.00	**47,220.00**
1361C-118	Fab, Test & Deliver Coil #18	13DEC07*	*13*	02JAN08		***194***		0.00	**47,220.00**
1351-195X	ALL TF COILS DELIVERED		*0*	02JAN08		***453***		0.00	**0.00**
TF Fabrication (Everson internal schedule)									
ET-02	Bending Test Program	22MAY06A	*110**	10NOV06A			***100***	0.00	**0.00**
ET-04	Wedge Programming & Inspection	01OCT06A	*1**	31OCT06A			***100***	0.00	**0.00**
ET-17	Mold Fixture Procurement	20JUL06A	*121**					0.00	**0.00**
ET-26	Wedge Milling Fixture Design	09OCT06A	*4**	17NOV06A			***100***	0.00	**0.00**
ET-27	Wedge Milling Fixture Review	20NOV06A	*4*	20NOV06A			***100***	0.00	**0.00**
ET-28	Wedge Milling Fixture Finalize	21NOV06A	*4*	21NOV06A			***100***	0.00	**0.00**
ET-29	Wedge Milling Fixture Procurement	22NOV06A	*30*	16FEB07		***675***		0.00	**0.00**
ET-30	Wedge Milling Inspection Fixture Design	08JAN07*	*0**	05JAN07		***676***		0.00	**0.00**



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Critical Activity

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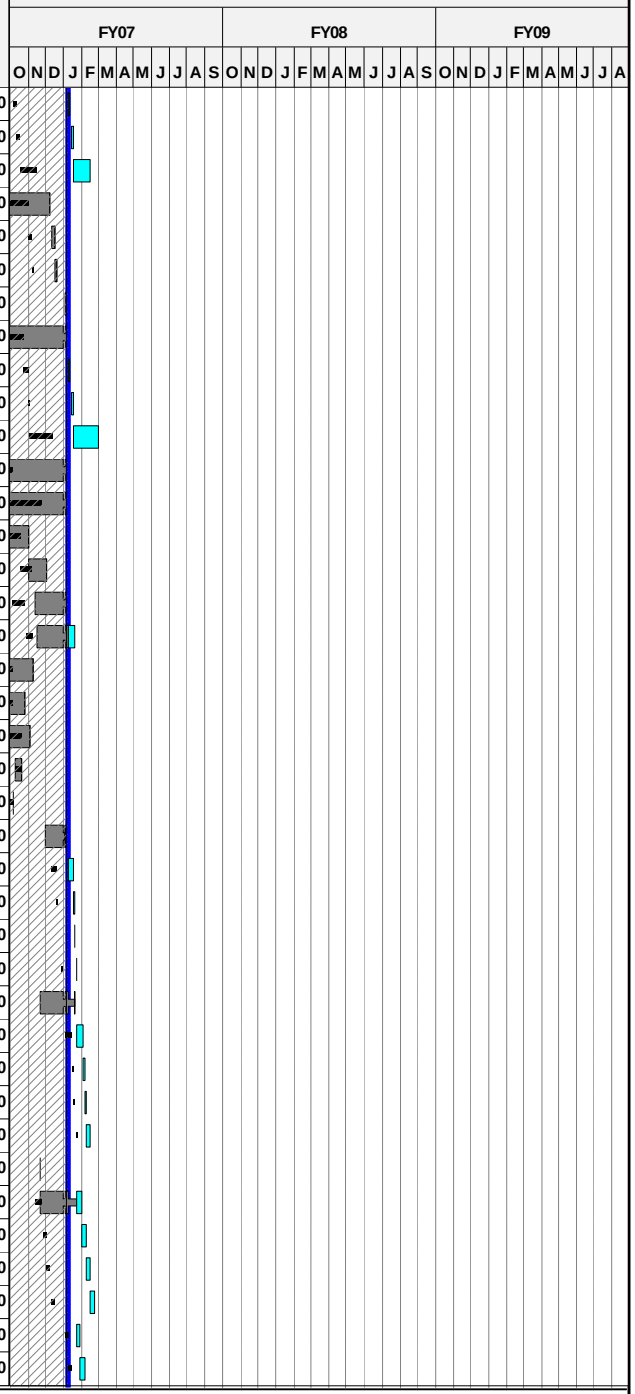
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
ET-31	Wedge Milling Inspection Fixture Review	08JAN07	5	12JAN07		676		0.00	0.00
ET-32	Wedge Milling Inspection Fixture Finalize	15JAN07	3	17JAN07		676		0.00	0.00
ET-33	Wedge Milling Inspection Fixture Procure	18JAN07	21	15FEB07		676		0.00	0.00
ET-34	Shipping Fixture Design	25SEP06A	27*	08DEC06A			100	0.00	0.00
ET-35	Shipping Fixture Review	11DEC06A	5	15DEC06A			100	0.00	0.00
ET-36	Shipping Fixture Finalize	18DEC06A	3	20DEC06A			100	0.00	0.00
ET-37	Shipping Fixture Procurement	02JAN07A	4*					0.00	0.00
ET-38	Shipping Container Design	18SEP06A	79*					0.00	0.00
ET-39	Shipping Container Review	08JAN07	5	12JAN07		667		0.00	0.00
ET-40	Shipping Container Finalize	15JAN07	3	17JAN07		667		0.00	0.00
ET-41	Shipping Container Procurement	18JAN07	30	28FEB07		667		0.00	0.00
ET-42	Procure raw materials	11SEP06A	84*					0.00	0.00
ET-43	Procure wedge batch 1 3 sets	14AUG06A	104*					0.00	0.00
ET-44	Develop Brazing Process Spec	21SEP06A	18*	31OCT06A			100	0.00	0.00
ET-45	Brazing Technician Qualification	31OCT06A	15	01DEC06A			100	0.00	0.00
ET-46	MPO/Traveler Development	13NOV06A	39*					0.00	0.00
ET-47	MPO PPPL Review & Approval	15NOV06A	10	19JAN07		671		0.00	0.00
ET-48	Clean Room Construction	24JUL06A	55*	10NOV06A			100	0.00	0.00
ET-48.1	taping machine modifications	05SEP06A	24*	27OCT06A			100	0.00	0.00
ET-48.2	winding line setup	05SEP06A	34*	03NOV06A			100	0.00	0.00
ET-50	Test Wind 1 Layer of Conductor	09OCT06A	10*	20OCT06A			100	0.00	0.00
ET-51	SS Casting Ingots	06OCT06A	5*	06OCT06A			100	0.00	0.00
ET-52	1st off pair castings, rough machined OSTERBY	29NOV06A	1	02JAN07A			100	0.00	0.00
ET-53	Final Machining 1st set TESLA	08JAN07	7	16JAN07		667		0.00	0.00
ET-54	Mechanical Inspection	17JAN07	2	18JAN07		667		0.00	0.00
ET-55	Measure Permeability, Pack & Ship	19JAN07	1	19JAN07		667		0.00	0.00
ET-56	Receive Wedges for Coil #1 at everson	22JAN07*	1	22JAN07		667		0.00	0.00
ET-57	Batch #1 Castings (4), rough machined OSTERBY	20NOV06A	1	19JAN07		676		0.00	0.00
ET-58	Final Machining sets 2&3 TESLA	22JAN07*	10	02FEB07		676		0.00	0.00
ET-59	Mechanical Inspection	05FEB07	2	06FEB07		676		0.00	0.00
ET-60	Measure Permeability, Pack & Ship	07FEB07	2	08FEB07		676		0.00	0.00
ET-61	Receive Wedges for Coil #2 & Coil #3	09FEB07	5	15FEB07		676		0.00	0.00
ET-62	Start Winding 1st Article Coil	21NOV06A	1	21NOV06A			100	0.00	0.00
ET-63	Coil #1 Winding	21NOV06A	9	01FEB07		671		0.00	0.00
ET-64	Coil #1 Ground Insulation	02FEB07	5	08FEB07		671		0.00	0.00
ET-65	Coil #1 VPI	09FEB07	5	15FEB07		671		0.00	0.00
ET-66	Coil #1 Cold Test to VPI Coil Only	16FEB07	5	22FEB07		671		0.00	0.00
ET-67	Coil #1 Wedge-to-Coil VPI	23JAN07*	5	29JAN07		667		0.00	0.00
ET-68	Coil #1 Wedge Machining	30JAN07	5	05FEB07		667		0.00	0.00



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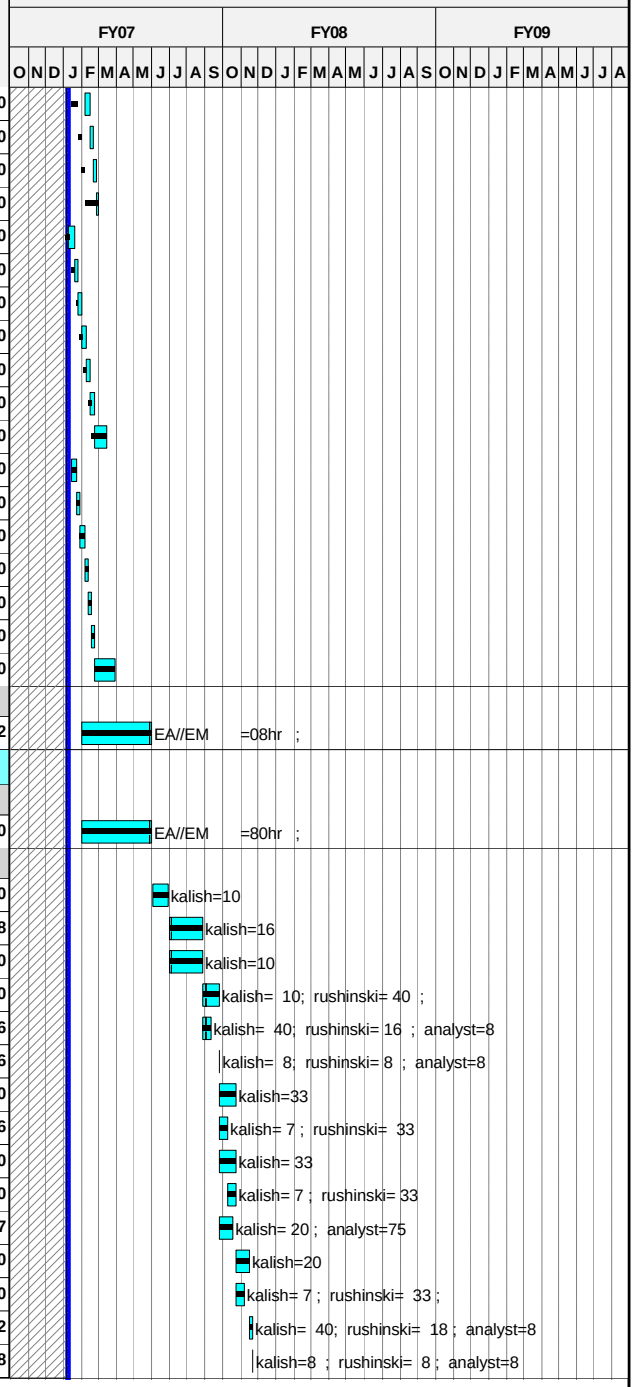
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
ET-69	Coil #1 Final Inspection	06FEB07	7	14FEB07		667		0.00	0.00
ET-70	Coil #1 LN2 Testing	15FEB07	5	21FEB07		667		0.00	0.00
ET-71	Coil #1 Shipping	22FEB07	3	26FEB07		667		0.00	0.00
ET-72	1st Article Coil Review	27FEB07	2*	28FEB07		667		0.00	0.00
ET-73	Coil #2 Winding	08JAN07*	9	18JAN07		655		0.00	0.00
ET-74	Coil #2 Ground Insulation	19JAN07	5	25JAN07		655		0.00	0.00
ET-75	Coil #2 VPI	26JAN07	5	01FEB07		655		0.00	0.00
ET-76	Coil #2 Wedge-to-Coil VPI	02FEB07	5	08FEB07		655		0.00	0.00
ET-77	Coil #2 Wedge Machining	09FEB07	5	15FEB07		655		0.00	0.00
ET-78	Coil #2 Final Inspection	16FEB07	5	22FEB07		655		0.00	0.00
ET-79	Coil #2 Shipping	23FEB07	16*	16MAR07		655		0.00	0.00
ET-80	Coil #3 Winding	15JAN07*	7	23JAN07		645		0.00	0.00
ET-81	Coil #3 Ground Insulation	24JAN07	4	29JAN07		645		0.00	0.00
ET-82	Coil #3 VPI	30JAN07	5	05FEB07		645		0.00	0.00
ET-83	Coil #3 Wedge-to-Coil VPI	06FEB07	5	12FEB07		645		0.00	0.00
ET-84	Coil #3 Wedge Machining	13FEB07	4	16FEB07		645		0.00	0.00
ET-85	Coil #3 Final Inspection	19FEB07	4	22FEB07		645		0.00	0.00
ET-86	Coil #3 Shipping	23FEB07	26*	30MAR07		645		0.00	0.00
FY07 Rebaseline Exercise									
ECP53RBX03	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	007012	584		0.00	1,446.32
Job: 1302 - PF Design -KALISH									
FY07 Rebaseline Exercise									
ECP53RBX02	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	007012	584		0.00	14,463.20
1302-200	Complete PF Coil SRD	04JUN07*	20	29JUN07		106		0.00	1,807.90
1302-205	Update PF Analysis	02JUL07	40	27AUG07		106		0.00	14,824.78
1302-210	PF Coil ICD	02JUL07	40	27AUG07		126		0.00	1,807.90
1302-215	Complete PDR PF Dwgs	28AUG07	20	25SEP07		106		0.00	9,039.50
1302-220	Prepare for PDR	28AUG07	10	11SEP07		116		0.00	11,570.56
1302-225	PDR	26SEP07	1	26SEP07		106		0.00	4,338.96
1302-230	Prepare PF Procurement Coil Spec	27SEP07	20	24OCT07		106		0.00	6,220.90
1302-235	Detail Drawings PF4	27SEP07	10	10OCT07		111		0.00	7,506.16
1302-240	Disposition PDR Chits	27SEP07	20	24OCT07		121		0.00	6,220.90
1302-245	Detail Drawings PF5	11OCT07	10	24OCT07		111		0.00	7,574.80
1302-250	PF Stress analysis with leads	27SEP07	15	17OCT07		126		0.00	17,881.47
1302-255	Review PF Coil Procurement Spec	25OCT07	15	14NOV07		106		0.00	3,787.40
1302-260	Detail Drawings PF6	25OCT07	10	07NOV07		111		0.00	7,574.80
1302-265	Prepare for FDR	15NOV07	5	21NOV07		106		0.00	12,498.42
1302-270	PF FDR	22NOV07	1	22NOV07		106		0.00	4,544.88



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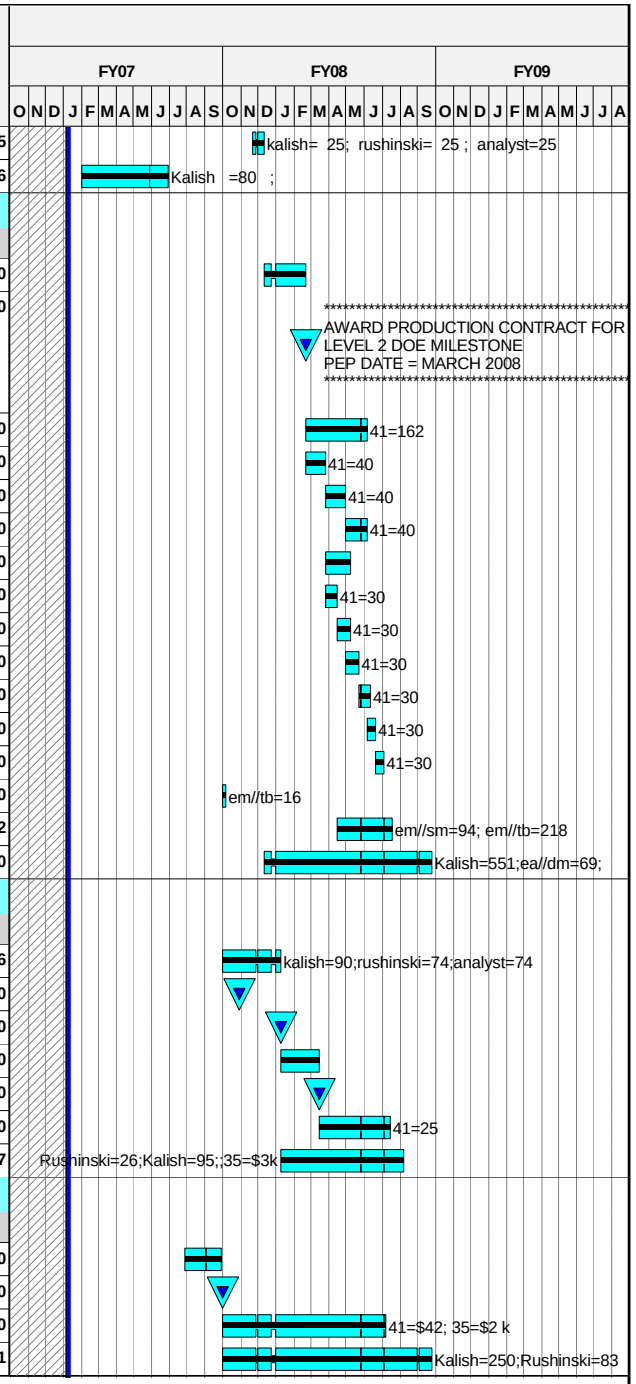
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1302-275	Resolve Chits	23NOV07	10	10DEC07		106		0.00	14,202.75
133-010	Design WBS 134 Conv Coil I&C	01FEB07*	105	28JUN07		275	10	1,435.30	14,352.96
Job: 1352 - PF Coil Procurement-KALISH									
PF Coil Fabrication									
141-035	Bid & Award PF Coils	11DEC07*	45	20FEB08		106		0.00	0.00
141-036	PF Coils Awarded		0	20FEB08		106		0.00	0.00
1352-100	Material & leads	21FEB08	75	05JUN08		106		0.00	227,610.00
1352-120	Tooling for PF 6	21FEB08	25	26MAR08		106		0.00	56,200.00
1352-115	Tooling for PF 5	27MAR08	25	30APR08		106		0.00	56,200.00
1352-110	Tooling for PF 4	01MAY08*	25	05JUN08		106		0.00	40,000.00
1352-105	Tooling for PF 1,2 and 3 NOT REQ"D USE PF1a	27MAR08	30	07MAY08		351		0.00	0.00
1352-150	Fabricate/Dlvr PF 6 lower	27MAR08	15	16APR08		151		0.00	30,000.00
1352-165	Fabricate/Dlvr PF 6 upper	17APR08	15	07MAY08		198		0.00	30,000.00
1352-145	Fabricate/Dlvr PF 5 lower	01MAY08	15	21MAY08		126		0.00	30,000.00
1352-160	Fabricate/Dlvr PF 5 upper	22MAY08	15	12JUN08		173		0.00	30,000.00
1352-140	Fabricate/Dlvr PF 4 lower	06JUN08	10	19JUN08		106		0.00	30,000.00
1352-155	Fabricate/Dlvr PF 4 upper	20JUN08	10	03JUL08		158		0.00	30,000.00
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07		333		0.00	1,312.80
722.010	PF Coil receipt inspect/test (formerly wbs 183)	17APR08	65	18JUL08		301		0.00	30,546.82
141-031	Title III engr WBS 132	11DEC07	198	25SEP08		253		0.00	117,409.40
Job: 1354 - Trim Coil Design &Procurement-KALISH									
Trim Coils									
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08		160		0.00	45,070.06
1303-136	Trim Coil PDR		0	29OCT07		169		0.00	0.00
1303-137	Trim Coil FDR		0	10JAN08		160		0.00	0.00
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08		160		0.00	0.00
184-036	Award External Trim Coils		0	13MAR08		160		0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08		160		0.00	35,125.00
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08		288		0.00	28,292.77
Job: 1353 - CS Structure Procurement-DAHLGREN									
CS Support Structure									
163-035	Bid & Award CS Support Struct	27JUL07	45	28SEP07		148		0.00	0.00
163-036.9	Award CS Support Structure		0	01OCT07*		147		0.00	0.00
163-037	CS Support Structure Procurement/Fab	02OCT07*	190	08JUL08		147		0.00	62,596.00
163-015	Title III design CS sprt struc	01OCT07*	248	26SEP08		252		0.00	63,060.21



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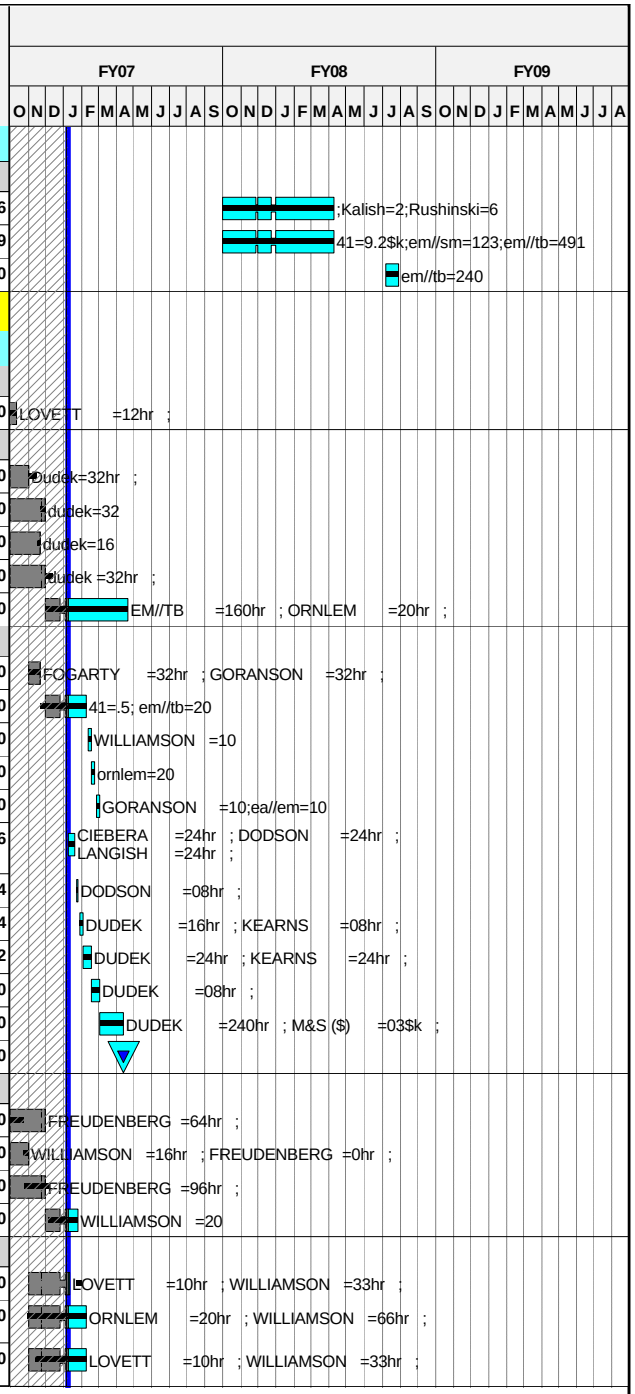
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH									
TF/PF Loacl I&C									
133-015	Title III WBS 134 Conv Coil I&C	01OCT07*	130	10APR08		370		0.00	1,514.96
133-037	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08		211		0.00	69,778.19
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	09JUL08	15	29JUL08		147		0.00	19,692.00
14 - Modular Coils									
Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON									
Winding and Assembly Design-Type A									
1416A-225	I&C-Rogowski Coils	03MAR06A	188*	10OCT06A			RPL	2,024.40	2,024.40
Clamp hardware modifications									
1416-201	Evaluate and select clamp hardware modifications	02OCT06A	10	31OCT06A			100	5,008.00	5,008.00
1416-202	Revise assembly models/drawings	02OCT06A	5	30NOV06A			100	5,008.00	5,008.00
1416-203	Prepare part dwgs / procurement documentation	02OCT06A	5	21NOV06A			100	2,504.00	2,504.00
1416-204	Review and approve clamp hardware modifications	01OCT06A	10	30NOV06A			100	5,008.00	5,008.00
1416-204.1	Modify Type-B clamps for stud attachment	01DEC06A	95*	20APR07		127	60	9,544.08	15,906.80
Blanket thermal insulation									
1416-301	Investigate blanket insulation requirements and	01NOV06A	15	21NOV06A			100	10,796.80	10,796.80
1416-302	Prepare and test install insulation m-u on coil	01DEC06A	45*	09FEB07		100	50	1,110.30	2,220.60
1416-303	Parts info for drawing BOM	12FEB07*	5	16FEB07		100		0.00	1,687.00
1416-304	Revise assembly models/drawings	19FEB07	5	23FEB07		100		0.00	3,374.00
1416-305	Review and approve insulation concept	26FEB07	5	02MAR07		100		0.00	3,494.90
1416-3186	Test Nomex Batt material	08JAN07*	10	19JAN07		100		0.00	5,639.76
1416-3190	Write Report	22JAN07	5	26JAN07		100		0.00	626.64
1416-3192	Develop Adhesion Method	29JAN07	5	02FEB07		100		0.00	3,130.64
1416-3195	Test Adhesion Method on Coil	05FEB07	10	16FEB07		100		0.00	5,635.92
1416-3198	Report Results	19FEB07	10	02MAR07		100		0.00	1,252.00
1416-3200	Procure Materials for Batt Insulation Installati	05MAR07	30	13APR07		100		0.00	41,484.00
1416-3203	Batts available for installation		0	13APR07		100		0.00	0.00
Fiber optic gage qualification									
1416-401	Perform LN2 adhesion tests	02OCT06A	16	30NOV06A			100	10,796.80	10,796.80
1416-402	Prepare purchase req for gages, adhesive	02OCT06A	5	31OCT06A			100	2,699.20	2,699.20
1416-403	Perform strain cycle tests	02OCT06A	30	30NOV06A			100	16,195.20	16,195.20
1416-404	Review and approve fiber optic gage qualificatio	01DEC06A	30	26JAN07		161	90	3,036.60	3,374.00
Top level assy models/drawings									
1416-405	Complete layout of T/Cs and strain gages	01NOV06A	5	12JAN07		682	80	5,803.28	7,254.10
1416-501	Complete models/drawings of coolant line routing	01NOV06A	63*	07FEB07		664	80	11,606.56	14,508.20
1416-502	Check layout of flux loop terminations and revis	01NOV06A	63*	07FEB07		664	80	5,803.28	7,254.10



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ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

0701

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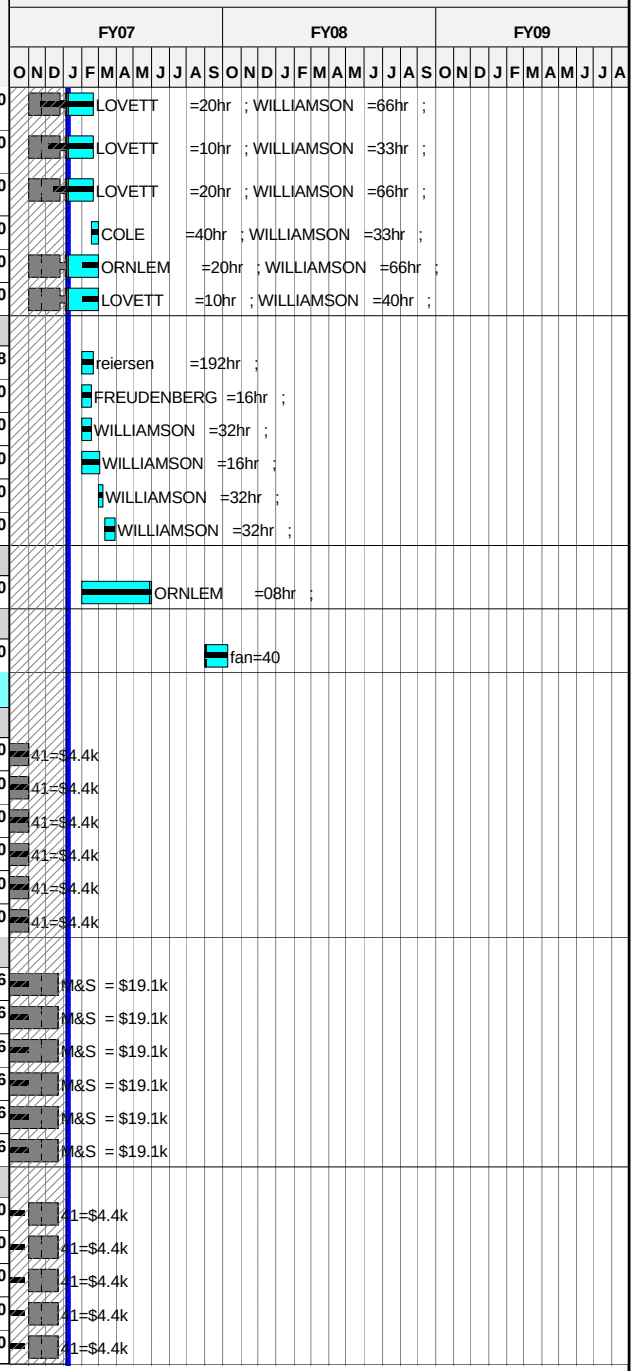
1416-503	Complete models/drawings of power cable connect	01NOV06A	73*	21FEB07		654	70	10,155.74	14,508.20
1416-504	Complete models/drawings of protective covers	01NOV06A	73*	21FEB07		654	70	5,077.87	7,254.10
1416-505	Drawing callouts for interface hdw (prelim model	01NOV06A	73*	21FEB07		654	70	10,155.74	14,508.20
1416-506	Check and promote top-level models/drawings	19FEB07*	8*	28FEB07		627		0.00	12,315.10
1416-507	Update, review and approve coil asm spec	01NOV06A	78*	28FEB07		649	70	10,155.74	14,508.20
1416-508	Complete drawing rev to leads, terminal asm (ECN	01NOV06A	78*	28FEB07		649	70	5,904.50	8,435.00
Analysis and closeout documentation									
1416-601	Prepare EM and structural analysis of leads	01FEB07*	15*	21FEB07		654		0.00	34,711.68
1416-602	Design memo KF structural analysis	01FEB07*	12*	16FEB07		657		0.00	2,699.20
1416-603	Update, review and approve FMECA	01FEB07*	12*	16FEB07		657		0.00	5,398.40
1416-604	Finalize draft documents - materials, eddy curre	01FEB07*	22*	02MAR07		647		0.00	2,699.20
1416-605	Prepare Type-ABC closeout FDR	01MAR07*	7*	09MAR07		627		0.00	5,398.40
1416-606	Resolve FDR comments	12MAR07	15	30MAR07		627		0.00	5,398.40
FY07 Rebaseline Exercise									
ECP53RBX04	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	1,349.60
Type C Design Closeout									
1403-47C	Perform cool-down/warmup analysis	31AUG07*	26	08OCT07		494		0.00	7,310.80
Job: 1408 - MC Winding Supplies-CHRZANOWSKI									
Cladding									
1408-537	Fabr Cladding Type B for Coil b1	01SEP06A	43*	31OCT06A			100	5,887.20	5,887.20
1408-539	Fabr Cladding Type B for Coil b2	01SEP06A	43*	31OCT06A			100	5,887.20	5,887.20
1408-541	Fabr Cladding Type B for Coil b3	01SEP06A	43*	31OCT06A			100	5,887.20	5,887.20
1408-543	Fabr Cladding Type B for Coil b4	01SEP06A	43*	31OCT06A			100	5,887.20	5,887.20
1408-545	Fabr Cladding Type B for Coil b5	01SEP06A	43*	31OCT06A			100	5,887.20	5,887.20
1408-547	Fabr Cladding Type B for Coil b6	01SEP06A	43*	31OCT06A			100	5,887.20	5,887.20
Lead hardware & Fillers									
1408-737	Fabr Lead HW Type B for Coil b1	23JUN06A	92*	22DEC06A			100	25,636.56	25,636.56
1408-739	Fabr Lead HW Type B for Coil b2	23JUN06A	92*	22DEC06A			100	25,636.56	25,636.56
1408-741	Fabr Lead HW Type B for Coil b3	23JUN06A	92*	22DEC06A			100	25,636.56	25,636.56
1408-743	Fabr Lead HW Type B for Coil b4	23JUN06A	92*	22DEC06A			100	25,636.56	25,636.56
1408-745	Fabr Lead HW Type B for Coil b5	23JUN06A	92*	22DEC06A			100	25,636.56	25,636.56
1408-747	Fabr Lead HW Type B for Coil b6	23JUN06A	92*	22DEC06A			100	25,636.56	25,636.56
Chill Plates									
1408-637	Fabr Chill Plts Type B for Coil b1	01NOV06A	20	22DEC06A			100	5,755.20	5,755.20
1408-639	Fabr Chill Plts Type B for Coil b2	01NOV06A	20	22DEC06A			100	5,755.20	5,755.20
1408-641	Fabr Chill Plts Type B for Coil b3	01NOV06A	20	22DEC06A			100	5,755.20	5,755.20
1408-643	Fabr Chill Plts Type B for Coil b4	01NOV06A	20	22DEC06A			100	5,755.20	5,755.20
1408-645	Fabr Chill Plts Type B for Coil b5	01NOV06A	20	22DEC06A			100	5,755.20	5,755.20



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ECP53 BASELINE
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Progress Bar
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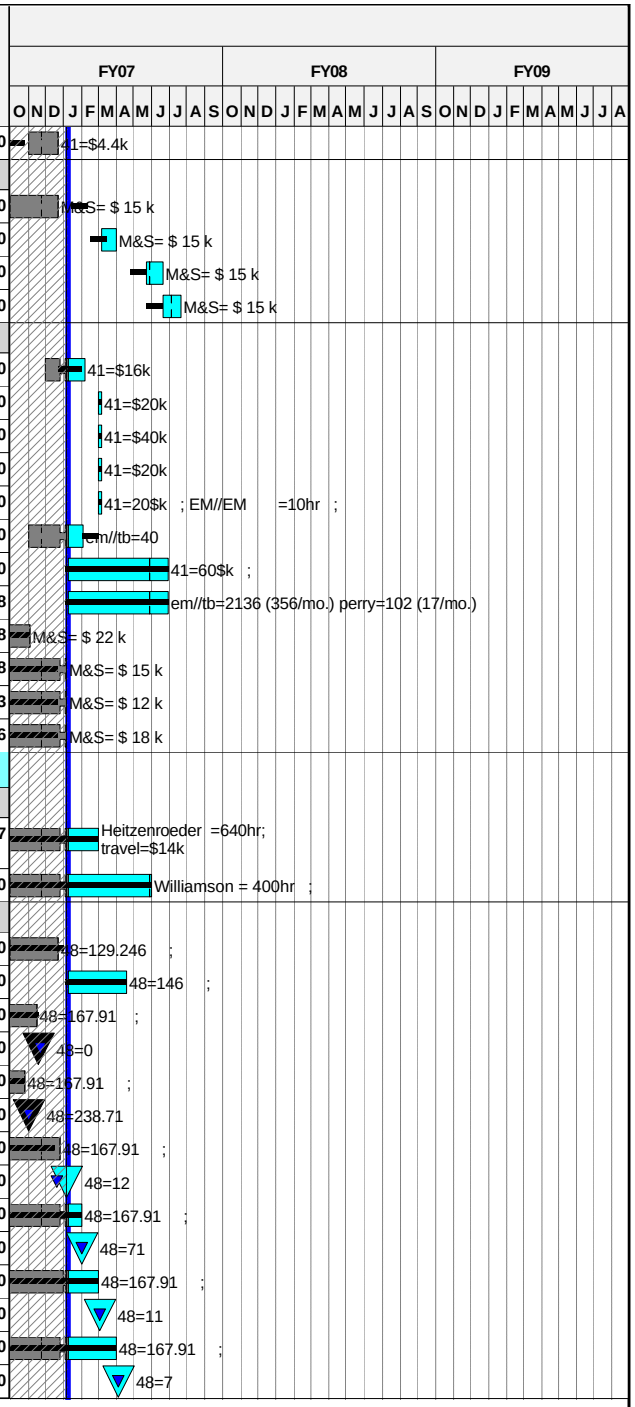
1408-647	Fabr Chill Plts Type B for Coil b6	01NOV06A	20	22DEC06A			100	5,755.20	5,755.20
Epoxy									
1408-121	Epoxy -3rd Delivery for Production	02OCT06A	20	22DEC06A			100	19,620.00	19,620.00
1408-123	Epoxy -4th Delivery for Production	06MAR07	20	02APR07		118		0.00	19,620.00
1408-125	Epoxy -5th Delivery for Production	24MAY07	20	21JUN07		98		0.00	19,620.00
1408-127	Epoxy -6th Delivery for Production	22JUN07	20	20JUL07		98		0.00	19,620.00
Other									
1408-950	Buy new clamp hardware (bushings)	01DEC06A	22	06FEB07		141	70	15,565.20	22,236.00
174-035	Procure Modular Coil local Strain Gages	01MAR07*	5	07MAR07		138		0.00	26,160.00
174-036	Procure Modular Coil I&C Data Acq Controller	01MAR07*	5	07MAR07		138		0.00	52,320.00
174-037	Procure Modular Coil Thermocouples	01MAR07*	5	07MAR07		138		0.00	26,160.00
174-037.1	Procure FBG gages for one coil, no controller	01MAR07*	5	07MAR07		138		0.00	27,725.00
1408-038	PPPL Fab I&C Termination Boxes (36)	01NOV06A	20	02FEB07		165	50	1,566.60	3,133.20
1408-174	Misc consumables (ETC update @$12k/mo.)	08JAN07*	124*	29JUN07		563		0.00	94,176.00
174-037.2	Tech shop hardware mods,fixes,machining etc	08JAN07*	124*	29JUN07		563		0.00	183,275.88
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	216*	03NOV06A			100	30,001.58	30,001.58
1408-137	Safety & PPE equipt & supplies	01MAY05A	419*				100	12,340.78	12,340.78
1408-138	Misc. Supplies	01JUL05A	376*				100	9,482.63	9,482.63
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	253*				100	11,739.16	11,739.16
Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER									
Contract Oversighjt and Title III									
172-031.1	Title III engr	01OCT05A	350*	01MAR07		648	LOE	122,038.33	137,275.97
172-031.1X	Title III engr ORNL FY07	01OCT06A	165*	31MAY07		584	LOE	25,372.48	67,480.00
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	01OCT06A	65*	22DEC06A			100	129,250.00	129,250.00
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	08JAN07*	72*	17APR07		633		0.00	146,000.00
MCWF-391	A4-MTM - machining/inspection	14MAR06A	176*	14NOV06A			100	167,910.00	167,910.00
MCWF-401	A4-Receive at PPPL		0	17NOV06A			100	0.00	0.00
MCWF-331	B2-MTM - machining/inspection	28APR06A	128*	26OCT06A			100	167,910.00	167,910.00
MCWF-341	B2-Receive at PPPL		0	30OCT06A			100	238,710.00	238,710.00
MCWF-481	B3-MTM - machining/inspection	18MAY06A	147*	26DEC06A			100	167,910.00	167,910.00
MCWF-491	B3-Receive at PPPL		0	05JAN07		136	100	12,000.00	12,000.00
MCWF-511	B4-MTM - machining/inspection	26MAY06A	168*	31JAN07		144	78	130,969.80	167,910.00
MCWF-521	B4-Receive at PPPL		0	01FEB07		144		0.00	71,000.00
MCWF-541	B5-MTM - machining/inspection	31JUL06A	153*	01MAR07		142	55	92,350.50	167,910.00
MCWF-551	B5-Receive at PPPL		0	02MAR07		142		0.00	11,000.00
MCWF-571	B6-MTM - machining/inspection	31JUL06A	167*	02APR07		147	1	1,679.10	167,910.00
MCWF-581	B6-Receive at PPPL		0	03APR07		147		0.00	7,000.00



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ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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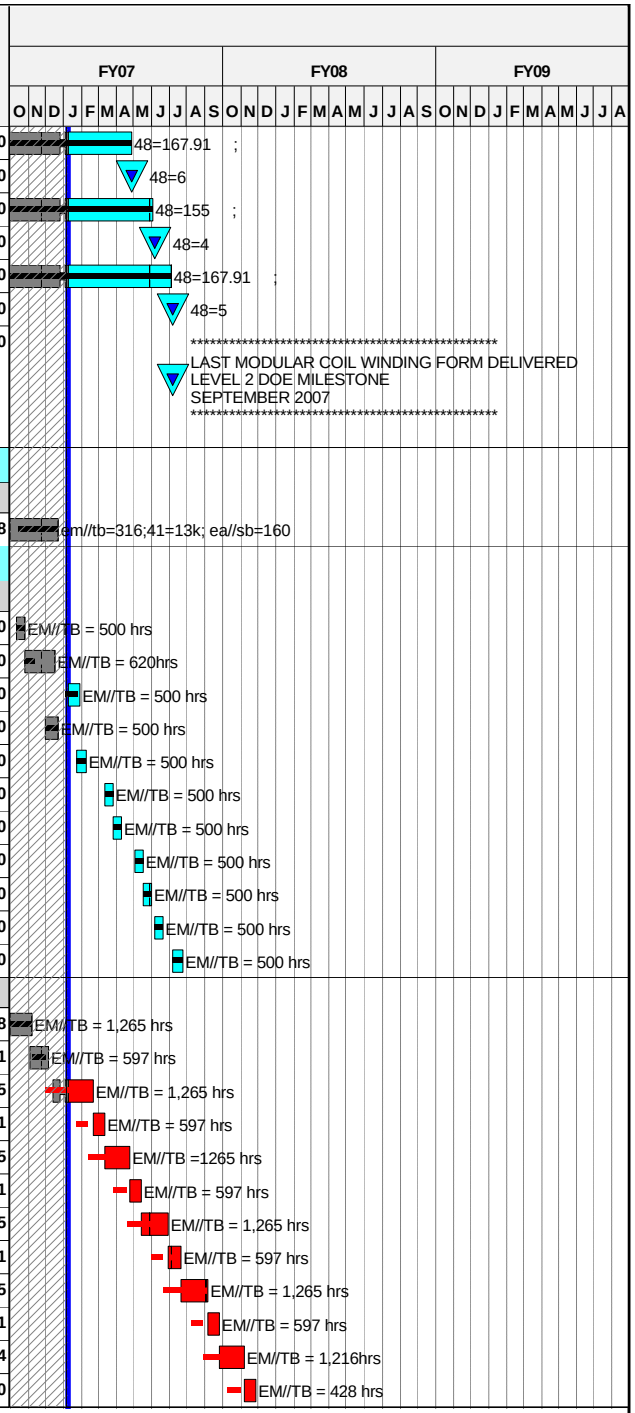
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
MCWF-421	A5-MTM - machining/inspection	01MAY06A	248*	26APR07		148	35	58,768.50	167,910.00
MCWF-431	A5-Receive at PPPL		0	27APR07		148		0.00	6,000.00
MCWF-451	A6-MTM - machining/inspection	01MAY06A	274*	04JUN07		149	28	43,400.00	155,000.00
MCWF-461	A6-Receive at PPPL		0	05JUN07		149		0.00	4,000.00
MCWF-301	C6-MTM - machining/inspection	03APR06A	316*	05JUL07		146	20	33,582.00	167,910.00
MCWF-311	C6-Receive at PPPL		0	06JUL07		146		0.00	5,000.00
C-501B1	Last MCWF Delivered		0	06JUL07		559		0.00	0.00
Job: 1460 - 3rd Winding Fixture-CHRZANOWSKI									
WINDFIX	3rd winding fixture	01OCT06A	48*	22DEC06A	1		100	60,428.28	60,428.28
Job: 1451 - Mod Coil Winding-CHRZANOWSKI									
Station 1 Prep casting & Install Cladding									
P3-031	Receive A3, Prep& Instl Cladding	11OCT06A	11	25OCT06A	2		100	39,165.00	39,165.00
P1-031	Receive B1, Prep& Instl Cladding	26OCT06A	12	15DEC06A	2		100	48,564.60	48,564.60
P3-121	Receive A4, Prep& Instl Cladding	08JAN07*	16	29JAN07	2	112		0.00	39,165.00
P2-121	Receive B2, Prep& Instl Cladding	01DEC06A	16	22DEC06A	2		100	39,165.00	39,165.00
P2-061	Receive B3, Prep& Instl Cladding	24JAN07*	11	07FEB07	2	124		0.00	39,165.00
P2-151	Receive B4, Prep& Instl Cladding	12MAR07*	11	26MAR07	2	118		0.00	39,165.00
P3-061	Receive B5, Prep& Instl Cladding	27MAR07	11	10APR07	2	126		0.00	39,165.00
P3-151	Receive B6, Prep& Instl Cladding	02MAY07*	11	16MAY07	2	127		0.00	39,165.00
P1-061	Receive A5, Prep& Instl Cladding	17MAY07*	11	01JUN07	2	135		0.00	39,165.00
P1-151	Receive A6, Prep& Instl Cladding	06JUN07	11	20JUN07	2	149		0.00	39,165.00
P2-031	Receive C6, Prep& Instl Cladding	09JUL07	11	23JUL07	2	146		0.00	39,165.00
Station 2-Winding, Instl Chill Plates,Tubing,Bag									
P3-011	Wind coil A2	27SEP06A	29	06NOV06A	2		100	99,502.28	99,502.28
P3-020	Instl Chill Plates,Tubing, Bag A2	03NOV06A	15	05DEC06A	2		100	46,763.01	46,763.01
P1-041	Wind coil B1	15DEC06A	31	19FEB07	2	82	50	49,543.73	99,087.45
P1-050	Instl Chl Plates,Tubing, Bag B1	20FEB07	15	12MAR07	2	82		0.00	46,763.01
P3-131	Wind coil A4	13MAR07	31	24APR07	2	82		0.00	99,087.45
P3-140	Instl Chl Plates,Tubing, Bag A4	25APR07	15	15MAY07	2	82		0.00	46,763.01
P2-161	Wind coil B4	16MAY07	31	28JUN07	2	82		0.00	99,087.45
P2-170	Instl Chill Plates,Tubing,Bag B4	29JUN07	15	20JUL07	2	82		0.00	46,763.01
P3-161	Wind coil B6	23JUL07	31	04SEP07	2	82		0.00	99,087.45
P3-170	Instl Chill Plates,Tubing,Bag B6	05SEP07	15	25SEP07	2	82		0.00	46,763.01
P1-161	Wind coil A6	26SEP07	31	07NOV07	2	82		0.00	99,335.04
P1-170	Instl Chill Plates,Tubing,Bag A6	08NOV07	15	28NOV07	2	82		0.00	35,117.40



Run Date 02FEB07 11:42

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

0701

NCSX
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BASELINE SCHEDULE

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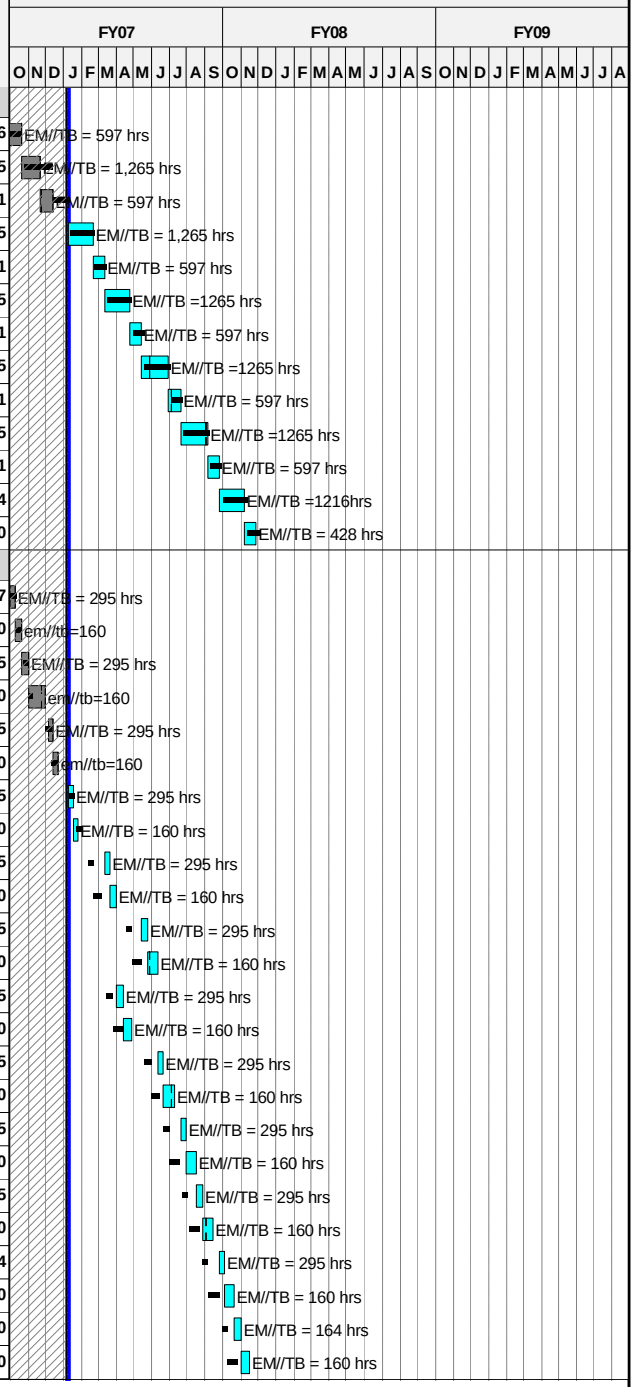
Station 4-Winding, Instl Chill Plates,Tubing,Bag									
P2-020	Instl Chill Plates,Tubing, Bag A1	26SEP06A	15	19OCT06A	2		100	47,183.56	47,183.56
P3-041	Wind coil A3	20OCT06A	31	20NOV06A	2		100	99,087.45	99,087.45
P3-050	Instl Chl Plates,Tubing, Bag A3	21NOV06A	15	12DEC06A	2		100	46,763.01	46,763.01
P1-071	Wind coil B2	08JAN07	31	19FEB07	2	101		0.00	99,087.45
P1-080	Instl Chl Plates,Tubing,Bag B2	20FEB07	15	12MAR07	2	101		0.00	46,763.01
P2-071	Wind coil B3	13MAR07	31	24APR07	2	101		0.00	99,087.45
P2-080	Instl Chill Plates,Tubing,Bag B3	25APR07	15	15MAY07	2	101		0.00	46,763.01
P3-071	Wind coil B5	16MAY07	31	28JUN07	2	101		0.00	99,087.45
P3-080	Instl Chill Plates,Tubing,Bag B5	29JUN07	15	20JUL07	2	101		0.00	46,763.01
P2-131	Wind coil A5	23JUL07	31	04SEP07	2	101		0.00	99,087.45
P2-140	Instl Chl Plates,Tubing, Bag A5	05SEP07	15	25SEP07	2	101		0.00	46,763.01
P2-041	Wind coil C6	26SEP07	31	07NOV07	2	101		0.00	99,335.04
P2-050	Instl Chl Plates,Tubing, Bag C6	08NOV07	15	28NOV07	2	101		0.00	35,117.40
Station 5-VPI									
P1-141V	VPI (Station 5) C5	27SEP06A	7	09OCT06A	2		100	23,419.07	23,419.07
P1-141VCU	Cleanup and Ready Autoclave	10OCT06A	8	19OCT06A	1		100	12,532.80	12,532.80
P2-021V	VPI (Station 5) A1	20OCT06A	7	30OCT06A	2		100	23,107.35	23,107.35
P2-021VCU	Cleanup and Ready Autoclave	01NOV06A	8	30NOV06A	1		100	12,532.80	12,532.80
P3-021V	VPI (Station 5) A2	06DEC06A	7	14DEC06A	2		100	23,107.35	23,107.35
P3-021VCU	Cleanup and Ready Autoclave	15DEC06A	8	22DEC06A	1		100	12,532.80	12,532.80
P3-051V	VPI (Station 5) A3	08JAN07	7	16JAN07	2	149		0.00	23,107.35
P3-051VCU	Cleanup and Ready Autoclave	17JAN07	8	26JAN07	1	149		0.00	12,532.80
P1-051V	VPI (Station 5) B1	13MAR07	7	21MAR07	2	118		0.00	23,107.35
P1-051VCU	Cleanup and Ready Autoclave	22MAR07	8	02APR07	1	118		0.00	12,532.80
P3-141V	VPI (Station 5) A4	16MAY07	7	24MAY07	2	106		0.00	23,107.35
P3-141VCU	Cleanup and Ready Autoclave	25MAY07	12	12JUN07	1	106		0.00	12,532.80
P2-141V	VPI (Station 5) B2	03APR07	7	11APR07	2	118		0.00	23,107.35
P2-141VCU	Cleanup and Ready Autoclave	12APR07	12	27APR07	1	118		0.00	12,532.80
P2-081V	VPI (Station 5) B3	13JUN07	7	21JUN07	2	106		0.00	23,107.35
P2-081VCU	Cleanup and Ready Autoclave	22JUN07	12	10JUL07	1	106		0.00	12,532.80
P3-081V	VPI (Station 5) B4	23JUL07	7	31JUL07	2	98		0.00	23,107.35
P3-081VCU	Cleanup and Ready Autoclave	01AUG07	12	16AUG07	1	98		0.00	12,532.80
P2-171V	VPI (Station 5) B5	17AUG07	7	27AUG07	2	98		0.00	23,107.35
P2-171VCU	Cleanup and Ready Autoclave	28AUG07	12	13SEP07	1	98		0.00	12,532.80
P3-171V	VPI (Station 5) B6	26SEP07	7	04OCT07	2	90		0.00	23,734.44
P3-171VCU	Cleanup and Ready Autoclave	05OCT07	12	22OCT07	1	90		0.00	13,128.00
P1-081V	VPI (Station 5) A5	23OCT07	7	31OCT07	2	90		0.00	13,456.20
P1-081VCU	Cleanup and Ready Autoclave	01NOV07	12	16NOV07	1	90		0.00	13,128.00



Run Date **02FEB07 11:42**

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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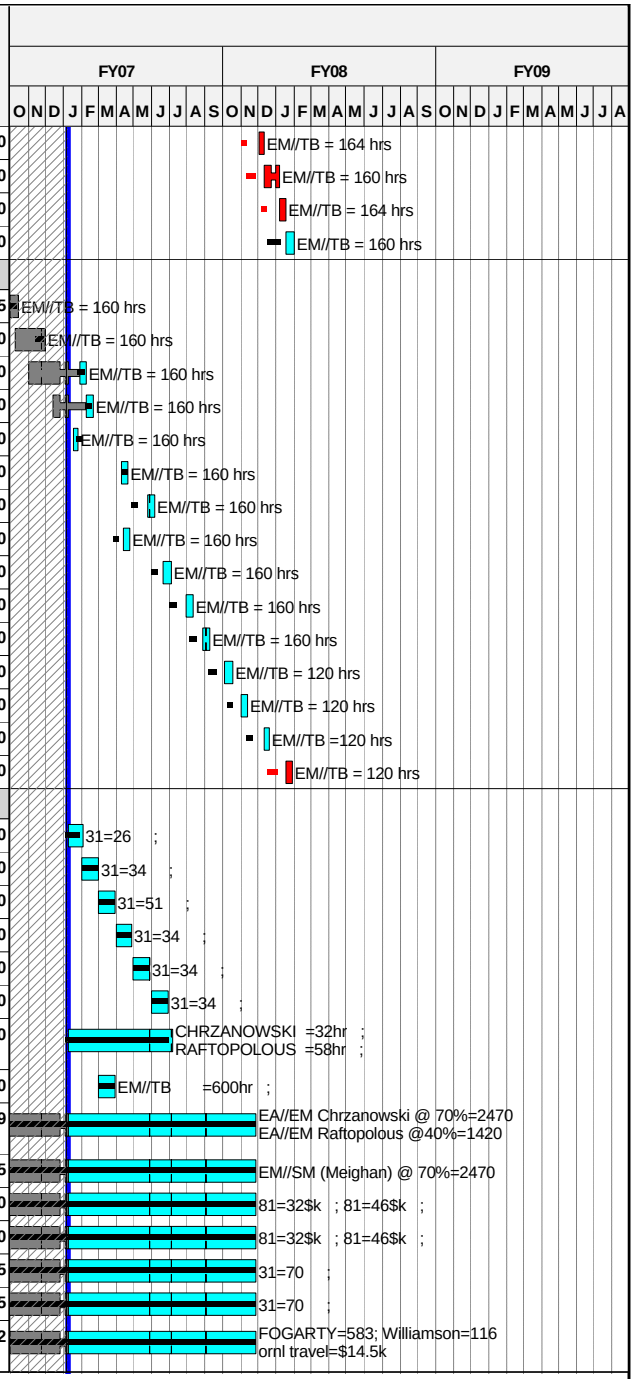
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
P1-171V	VPI (Station 5) A6	03DEC07	7	11DEC07	2	82		0.00	13,456.20
P1-171VCU	Cleanup and Ready Autoclave	12DEC07	12	07JAN08	1	82		0.00	13,128.00
P2-051V	VPI (Station 5) C6	08JAN08	7	16JAN08	2	82		0.00	13,456.20
P2-051VCU	Cleanup and Ready Autoclave	17JAN08	12	01FEB08	1	419		0.00	13,128.00
Station 1B Final Clamp Installation									
P3-111C	Final Clamps & Warm Test (Station1) C4	27SEP06A	8	13OCT06A	1		100	12,649.85	12,649.85
P1-141C	Final Clamps & Warm Test (Station1) C5	09OCT06A	8	30NOV06A	1		100	12,532.80	12,532.80
P2-021C	Final Clamps & Warm Test (Station1) A1	01NOV06A	8	08FEB07	1	171	70	8,772.96	12,532.80
P3-021C	Final Clamps & Warm Test (Station1) A2	15DEC06A	8	20FEB07	1	171	35	4,386.48	12,532.80
P3-051C	Final Clamps & Warm Test (Station1) A3	17JAN07	8	26JAN07	1	265		0.00	12,532.80
P1-051C	Final Clamps & Warm Test (Station1) B1	11APR07	8	20APR07	1	127		0.00	12,532.80
P3-141C	Final Clamps & Warm Test (Station1) A4	25MAY07	8	06JUN07	1	175		0.00	12,532.80
P2-141C	Final Clamps & Warm Test (Station1) B2	12APR07	8	23APR07	1	131		0.00	12,532.80
P2-081C	Final Clamps & Warm Test (Station1) B3	22JUN07	8	03JUL07	1	161		0.00	12,532.80
P3-081C	Final Clamps & Warm Test (Station1) B4	01AUG07	8	10AUG07	1	129		0.00	12,532.80
P3-171C	Final Clamps & Warm Test (Station1) B5	28AUG07	8	07SEP07	1	164		0.00	12,532.80
P2-171C	Final Clamps & Warm Test (Station1) B6	05OCT07	9	17OCT07	1	136		0.00	9,846.00
P1-081C	Final Clamps & Warm Test (Station1) A5	01NOV07	8	12NOV07	1	113		0.00	9,846.00
P1-171C	Final Clamps & Warm Test (Station1) A6	12DEC07	8	21DEC07	1	86		0.00	9,846.00
P2-051C	Final Clamps & Warm Test (Station1) C6	17JAN08	8	28JAN08	1	82		0.00	9,846.00
LOE Oversight & Supervision									
1451EC5301	Historical experience OT.	08JAN07*	20	02FEB07		667	LOE	0.00	44,616.00
1451EC5302	Historical experience OT.	01FEB07*	20	28FEB07		649	LOE	0.00	58,344.00
1451EC5303	Historical experience OT.	01MAR07*	20	28MAR07		629	LOE	0.00	87,516.00
1451EC5304	Historical experience OT.	02APR07*	20	27APR07		607	LOE	0.00	58,344.00
1451EC5305	Historical experience OT.	01MAY07*	20	29MAY07		586	LOE	0.00	58,344.00
1451EC5306	Historical experience OT.	01JUN07*	20	28JUN07		564	LOE	0.00	58,344.00
1451EC5350	Oversight and supervision increment	08JAN07*	128	06JUL07		559	LOE	0.00	16,271.10
1452EC5313	Historical experience labor	01MAR07*	20	28MAR07		629	LOE	0.00	46,998.00
171-040	Winding Oversight (LOE)	10OCT05A	535*	27NOV07		458	LOE	396,941.34	693,953.39
171-041	Tech Supervision	10OCT05A	535*	27NOV07		458	LOE	182,101.26	318,358.85
SSD-ST2	Second shift cost differential	25OCT05A	524*	27NOV07		458	LOE	31,470.30	77,500.00
SSD-ST3	Second shift cost differential	27JAN06A	463*	26NOV07		459	LOE	29,873.96	77,500.00
SSD-ST4	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07		459	LOE	54,654.43	120,649.95
SSD-ST4.1	Unplanned overtime and rework	03APR06A	417*	26NOV07		459	LOE	54,654.43	120,649.95
TITLE3F	Titel III Design ORNL- Component Fab & WINDING	01OCT06A	290*	26NOV07		459	LOE	28,515.61	133,250.52



Run Date 02FEB07 11:42

ECP53 BASELINE
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Critical Activity

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BASELINE SCHEDULE

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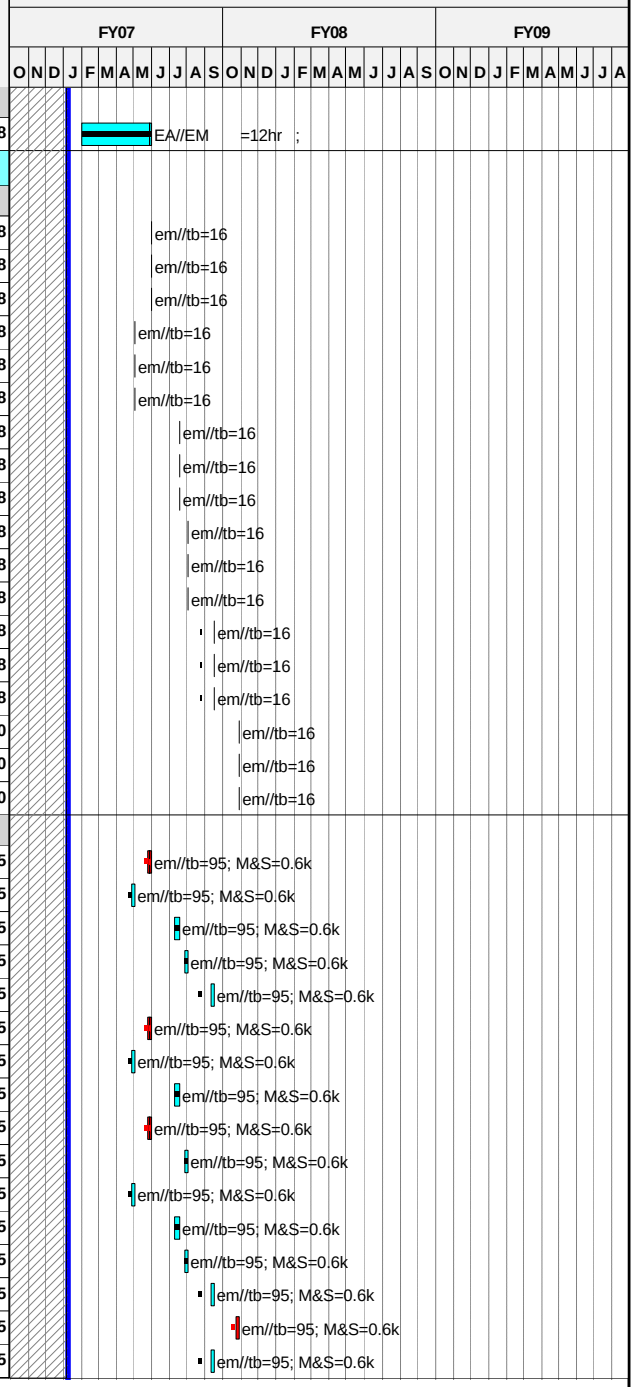
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
FY07 Rebaseline Exercise									
ECP53RBX06	FY07 Rebaseline exercise	01FEB07*	*85**	31MAY07		***584***		0.00	**2,169.48**
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI									
Co-wound loop termination box installation									
1459-013	Install Co-wound loop term boxes- A1	01JUN07	*1*	01JUN07		***82***		0.00	**1,253.28**
1459-019	Install Co-wound loop term boxes- B1	01JUN07	*1*	01JUN07		***82***		0.00	**1,253.28**
1459-003	Install Co-wound loop term boxes- C1	01JUN07	*1*	01JUN07		***82***		0.00	**1,253.28**
1459-015	Install Co-wound loop term boxes- A2	03MAY07	*1*	03MAY07		***87***		0.00	**1,253.28**
1459-023	Install Co-wound loop term boxes- B2	03MAY07	*1*	03MAY07		***87***		0.00	**1,253.28**
1459-005	Install Co-wound loop term boxes- C2	03MAY07	*1*	03MAY07		***87***		0.00	**1,253.28**
1459-017	Install Co-wound loop term boxes- A3	18JUL07	*1*	18JUL07		***104***		0.00	**1,253.28**
1459-025	Install Co-wound loop term boxes- B3	18JUL07	*1*	18JUL07		***104***		0.00	**1,253.28**
1459-007	Install Co-wound loop term boxes- C3	18JUL07	*1*	18JUL07		***104***		0.00	**1,253.28**
1459-021	Install Co-wound loop term boxes- A4	02AUG07	*1*	02AUG07		***95***		0.00	**1,253.28**
1459-027	Install Co-wound loop term boxes- B4	02AUG07	*1*	02AUG07		***95***		0.00	**1,253.28**
1459-009	Install Co-wound loop term boxes- C4	02AUG07	*1*	02AUG07		***95***		0.00	**1,253.28**
1459-033	Install Co-wound loop term boxes- A5	17SEP07	*1*	17SEP07		***113***		0.00	**1,253.28**
1459-029	Install Co-wound loop term boxes- B5	17SEP07	*1*	17SEP07		***113***		0.00	**1,253.28**
1459-011	Install Co-wound loop term boxes- C5	17SEP07	*1*	17SEP07		***113***		0.00	**1,253.28**
1459-035	Install Co-wound loop term boxes- A6	30OCT07	*1*	30OCT07		***82***		0.00	**1,312.80**
1459-031	Install Co-wound loop term boxes- B6	30OCT07	*1*	30OCT07		***82***		0.00	**1,312.80**
1459-037	Install Co-wound loop term boxes- C6	30OCT07	*1*	30OCT07		***82***		0.00	**1,312.80**
Strain gages,cooling tube terminations,TC									
1459-002	Strain gages,Thrmcpl,cooling tube term - C1	25MAY07	*5*	01JUN07		***82***		0.00	**8,226.15**
1459-004	Strain gages,Thrmcpl,cooling tube term - C2	27APR07	*5*	03MAY07		***87***		0.00	**8,226.15**
1459-006	Strain gages,Thrmcpl,cooling tube term - C3	12JUL07	*5*	18JUL07		***104***		0.00	**8,226.15**
1459-008	Strain gages,Thrmcpl,cooling tube term - C4	27JUL07	*5*	02AUG07		***95***		0.00	**8,226.15**
1459-010	Strain gages,Thrmcpl,cooling tube term - C5	11SEP07	*5*	17SEP07		***113***		0.00	**8,226.15**
1459-012	Strain gages,Thrmcpl,cooling tube term - A1	25MAY07	*5*	01JUN07		***82***		0.00	**8,226.15**
1459-014	Strain gages,Thrmcpl,cooling tube term - A2	27APR07	*5*	03MAY07		***87***		0.00	**8,226.15**
1459-016	Strain gages,Thrmcpl,cooling tube term - A3	12JUL07	*5*	18JUL07		***104***		0.00	**8,226.15**
1459-018	Strain gages,Thrmcpl,cooling tube term - B1	25MAY07	*5*	01JUN07		***82***		0.00	**8,226.15**
1459-020	Strain gages,Thrmcpl,cooling tube term - A4	27JUL07	*5*	02AUG07		***95***		0.00	**8,226.15**
1459-022	Strain gages,Thrmcpl,cooling tube term - B2	27APR07	*5*	03MAY07		***87***		0.00	**8,226.15**
1459-024	Strain gages,Thrmcpl,cooling tube term - B3	12JUL07	*5*	18JUL07		***104***		0.00	**8,226.15**
1459-026	Strain gages,Thrmcpl,cooling tube term - B4	27JUL07	*5*	02AUG07		***95***		0.00	**8,226.15**
1459-028	Strain gages,Thrmcpl,cooling tube term - B5	11SEP07	*5*	17SEP07		***113***		0.00	**8,226.15**
1459-030	Strain gages,Thrmcpl,cooling tube term - B6	24OCT07*	*5*	30OCT07		***82***		0.00	**8,637.75**
1459-032	Strain gages,Thrmcpl,cooling tube term - A5	11SEP07	*5*	17SEP07		***113***		0.00	**8,226.15**



Run Date **02FEB07 11:42**

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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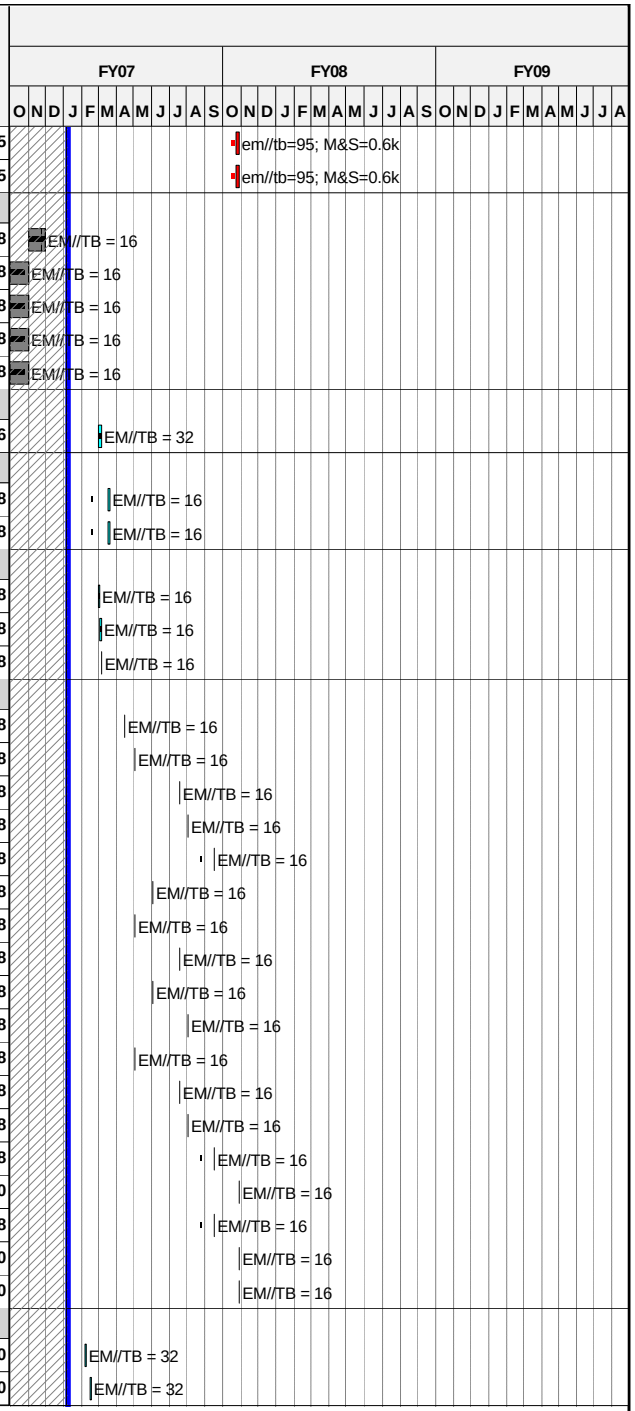
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1459-034	Strain gages,Thrmcpl,cooling tube term - A6	24OCT07	5	30OCT07		82		0.00	8,637.75
1459-036	Strain gages,Thrmcpl,cooling tube term - C6	24OCT07	5	30OCT07		82		0.00	8,637.75
Poloidal Break Hardware									
1459-100	Replace Poloidal break h/w on C1	01NOV06A	20	30NOV06A			100	1,253.28	1,253.28
1459-102	Replace Poloidal break h/w on C2	02OCT06A	20	31OCT06A			100	1,253.28	1,253.28
1459-104	Replace Poloidal break h/w on C3	02OCT06A	20	31OCT06A			100	1,253.28	1,253.28
1459-106	Replace Poloidal break h/w on C4	02OCT06A	20	31OCT06A			100	1,253.28	1,253.28
1459-108	Replace Poloidal break h/w on C5	02OCT06A	20	31OCT06A			100	1,253.28	1,253.28
Casting plugs									
1459-150	Repair/install casting plugs C1 (by tech shop)	02MAR07*	2	05MAR07		145		0.00	2,506.56
Rogowski Coil Installation									
1459-700	Install Rogowski coil C2	19MAR07	1	19MAR07		120		0.00	1,253.28
1459-702	Install Rogowski coil C3	19MAR07	1	19MAR07		189		0.00	1,253.28
Excess material removal/Grinding work									
1459-200	Grinding C1 (by tech shop)	02MAR07*	1	02MAR07		130		0.00	1,253.28
1459-202	Grinding C2 (by tech shop)	05MAR07	1	05MAR07		130		0.00	1,253.28
1459-204	Grinding C3 (by tech shop)	06MAR07	1	06MAR07		198		0.00	1,253.28
Bat Insulation installation									
1459-400	Install bat insulation C1	16APR07	1	16APR07		130		0.00	1,253.28
1459-402	Install bat insulation C2	03MAY07	1	03MAY07		87		0.00	1,253.28
1459-404	Install bat insulation C3	18JUL07	1	18JUL07		104		0.00	1,253.28
1459-406	Install bat insulation C4	02AUG07	1	02AUG07		95		0.00	1,253.28
1459-408	Install bat insulation C5	17SEP07	1	17SEP07		113		0.00	1,253.28
1459-410	Install bat insulation A1	04JUN07	1	04JUN07		82		0.00	1,253.28
1459-412	Install bat insulation A2	03MAY07	1	03MAY07		87		0.00	1,253.28
1459-414	Install bat insulation A3	18JUL07	1	18JUL07		104		0.00	1,253.28
1459-416	Install bat insulation B1	04JUN07	1	04JUN07		82		0.00	1,253.28
1459-418	Install bat insulation A4	02AUG07	1	02AUG07		95		0.00	1,253.28
1459-420	Install bat insulation B2	03MAY07	1	03MAY07		87		0.00	1,253.28
1459-422	Install bat insulation B3	18JUL07	1	18JUL07		104		0.00	1,253.28
1459-424	Install bat insulation B4	02AUG07	1	02AUG07		95		0.00	1,253.28
1459-426	Install bat insulation B5	17SEP07	1	17SEP07		113		0.00	1,253.28
1459-428	Install bat insulation B6	30OCT07*	1	30OCT07		82		0.00	1,312.80
1459-430	Install bat insulation A5	17SEP07	1	17SEP07		113		0.00	1,253.28
1459-432	Install bat insulation A6	30OCT07	1	30OCT07		82		0.00	1,312.80
1459-434	Install bat insulation C6	30OCT07	1	30OCT07		82		0.00	1,312.80
Clamp Modifications									
1459-600	Clamp mods C1	07FEB07	2	08FEB07		141		0.00	1,566.60
1459-602	Clamp mods C2	15FEB07	2	16FEB07		141		0.00	1,566.60



Run Date 02FEB07 11:42

ECP53 BASELINE
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Progress Bar
Critical Activity

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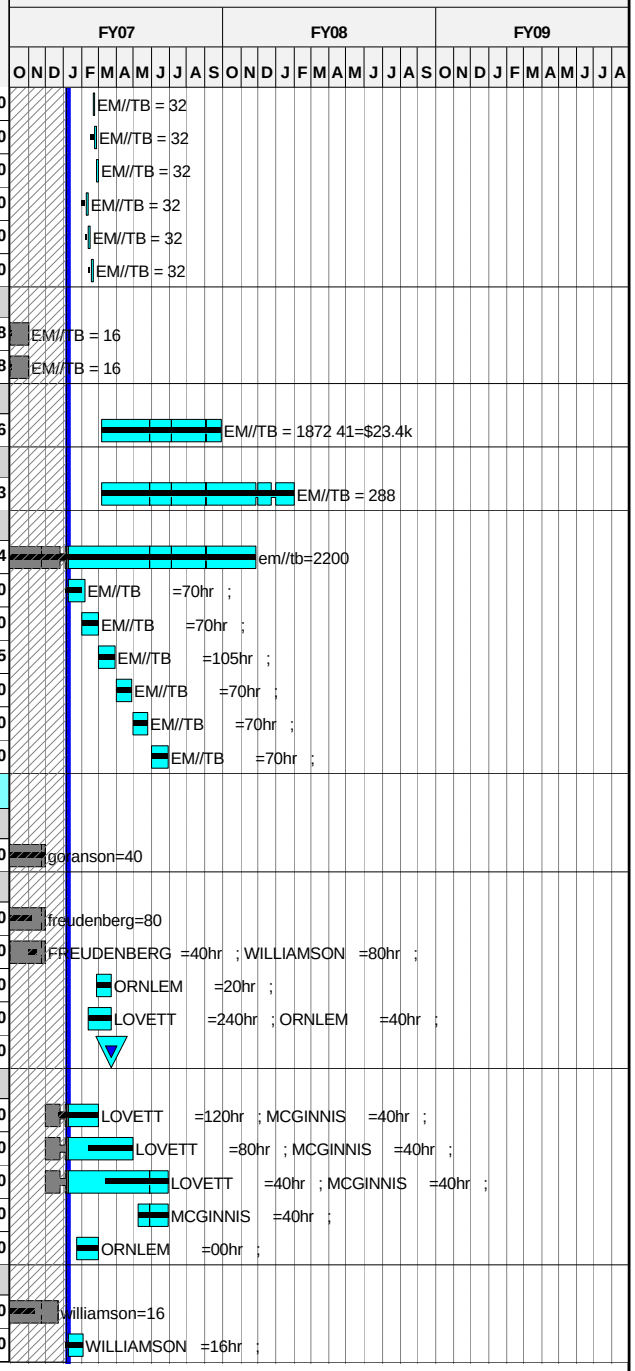
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1459-604	Clamp mods C3	21FEB07	2	22FEB07		206		0.00	1,566.60
1459-606	Clamp mods C4	23FEB07	2	26FEB07		206		0.00	1,566.60
1459-608	Clamp mods C5	27FEB07	2	28FEB07		253		0.00	1,566.60
1459-610	Clamp mods A1	09FEB07	2	12FEB07		141		0.00	1,566.60
1459-612	Clamp mods A2	13FEB07	2	14FEB07		141		0.00	1,566.60
1459-614	Clamp mods A3	19FEB07	2	20FEB07		206		0.00	1,566.60
Bearing Plate Installation									
1459-650	Bearing Plate Installation C4	02OCT06A	1	31OCT06A			100	1,253.28	1,253.28
1459-652	Bearing Plate Installation C5	02OCT06A	1	31OCT06A			100	1,253.28	1,253.28
Additional bolt/stud holes									
1459-HOLES	Addl holes in winding forms 3md+$300/holex78	06MAR07*	146	28SEP07		500		0.00	177,240.96
Measure as-built coils									
1459-MEAS	Measure as-built coils using romer arm (2mdx18)	06MAR07*	227	01FEB08		419		0.00	22,941.33
SSD-ST5	Misc tech shop support (ecp52)	01MAY06A	397*	26NOV07		459	LOE	74,571.66	175,050.84
SSD-ST6	Misc tech shop support (ecp53)	08JAN07*	22	06FEB07		665	LOE	0.00	5,483.10
SSD-ST7	Misc tech shop support (ecp53)	02FEB07*	19	28FEB07		649	LOE	0.00	5,483.10
SSD-ST8	Misc tech shop support (ecp53)	02MAR07*	21	30MAR07		627	LOE	0.00	8,224.65
SSD-ST9	Misc tech shop support (ecp53)	02APR07*	19	26APR07		608	LOE	0.00	5,483.10
SSD-ST10	Misc tech shop support (ecp53)	01MAY07*	19	25MAY07		587	LOE	0.00	5,483.10
SSD-ST11	Misc tech shop support (ecp53)	01JUN07*	19	27JUN07		565	LOE	0.00	5,483.10
Job: 1421 - Mod Coil Interface Design-WILLIAMSON									
3 Point positioning hardware									
IH1-005	review requirements, as-built casting features	01SEP06A	62*	30NOV06A	007012		100	3,374.00	3,374.00
Shear plate and shims									
IH4-005	Complete testing	01SEP06A	46*	30NOV06A			100	13,496.00	13,496.00
IH4-010	Finalize design, select material	02OCT06A	10	30NOV06A			100	20,244.00	20,244.00
IH4-015	Review for approval to prceed	26FEB07*	20*	23MAR07		632		0.00	3,374.00
IH4-020	Prepare dwgs and release	12FEB07	30	23MAR07		632		0.00	47,236.00
IH4-025	Issue dwgs for Fabrication		0	23MAR07		632		0.00	0.00
Top Assy drawings									
IH5-020	Finish 3-coil top assembly	01DEC06A	58*	28FEB07		168	30	8,097.60	26,992.00
IH5-021	Finish 6-coil top assembly	01DEC06A	101*	30APR07		160	20	4,048.80	20,244.00
IH5-022	Finish 18-coil top assembly	01DEC06A	144*	29JUN07		364	20	2,699.20	13,496.00
IH5-025	Develop as-built model and drawing format	10MAY07*	36	29JUN07		563		0.00	6,748.00
IH5-030	Complete assembly spec	22JAN07*	28*	28FEB07		168		0.00	0.00
Other insulation over wings									
IH6-005	Finalize requirements	11SEP06A	34	22DEC06A			100	2,699.20	2,699.20
IH6-006	perform application tests of epoxy, glass	08JAN07*	20*	02FEB07		667		0.00	2,699.20



Run Date 02FEB07 11:42

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

0701

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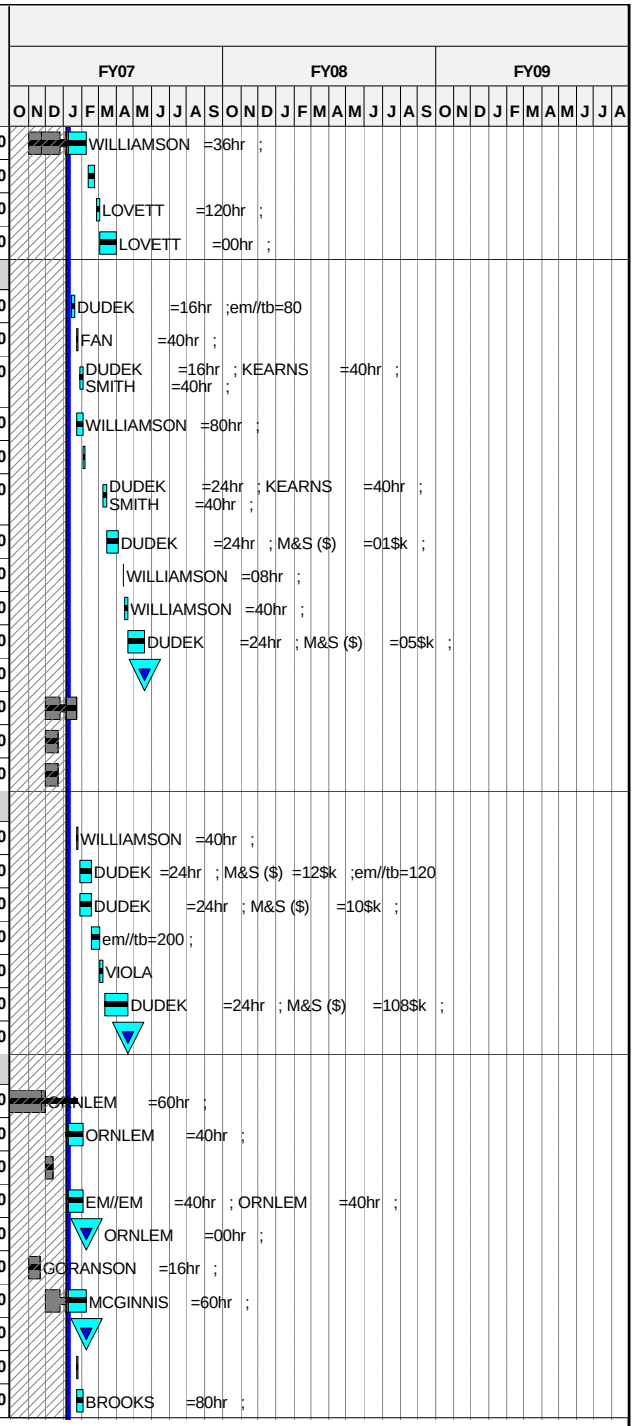
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
IH6-010	finalize design	01NOV06A	65*	09FEB07		626	20	1,214.64	6,073.20
IH6-015	Review for approval to proceed	12FEB07	10	23FEB07		626		0.00	0.00
IH6-020	Prepare dwgs and release	26FEB07	5*	02MAR07		626		0.00	20,244.00
IH6-021	Procure materials for 1st FPA	05MAR07	21	02APR07		626		0.00	0.00
Bladder Tests									
1421-3002	Test plan,Setup test fixt.Order matl	15JAN07*	5	19JAN07		128		0.00	8,770.40
1421-3004	Rvw struct analyses.Verify perf of Teflon bladde	22JAN07*	5	26JAN07		128		0.00	7,231.60
1421-3006	Perform Tests to develop epoxy filling techniq	29JAN07	5	02FEB07		128		0.00	8,770.40
1421-3019	Determ if "one size fits all"&bladder dwgs	22JAN07*	10	02FEB07		154		0.00	13,496.00
1421-3011	Test 1/2" bag with CTD, Stycast 2850	05FEB07*	1	05FEB07		128		0.00	0.00
1421-3012	Fill &Test Teflon bladder to determine properti	09MAR07*	5	15MAR07		105		0.00	10,022.40
1421-3016	Procure/fab prototype bladder for C-C installati	16MAR07	15	05APR07		105		0.00	4,540.80
1421-3021	Conduct FDR of bladder design	13APR07	1	13APR07		105		0.00	1,349.60
1421-3023	Resolve FDR issues, release proc dwgs for fab	16APR07	5	20APR07		111		0.00	6,748.00
1421-3025	Procure bladders for first FPA (2 ea)	23APR07	20	18MAY07		111		0.00	10,296.00
1421-3028	Bladders available for FPA		0	18MAY07		111		0.00	0.00
IH2-030.01	Finalize Requirements	01DEC06A	31*	22JAN07A	007012		100	9,390.00	9,390.00
IH2-030.02	Procure Samples	01DEC06A	15*	22DEC06A	007012		100	5,746.00	5,746.00
IH2-030.03	Epoxy Fill Equipment	01DEC06A	15*	22DEC06A	007012		100	7,568.00	7,568.00
Bushing Test									
1421-3094	Schemes for tight fit bushing Prepare sketches.	22JAN07*	5	26JAN07		131		0.00	6,748.00
1421-3096	Procure bushing materials for tests. Fabricate	29JAN07*	15	16FEB07		131		0.00	28,851.60
1421-3099	Procure tools&materials required f/ bushing assy	29JAN07	15	16FEB07		131		0.00	16,836.00
1421-3102	Trial bushing installations on a production coil	19FEB07	10	02MAR07		131		0.00	15,666.00
1421-3104	Doc. test results. Select bushing config. Peer r	05MAR07	5	09MAR07		131		0.00	0.00
1421-3106	Proc bushing matls for assy operations. Fab bush	12MAR07	30	20APR07		131		0.00	145,020.00
1421-3109	Bushings available for FPA operations		0	20APR07		131		0.00	0.00
Tension Tests of Bolted Joint									
IH3-005	review and finalize structural requirements	01SEP06A	97*	30NOV06A			100	10,122.00	10,122.00
IH3-005A	Develop bushing install schemes,sketch	08JAN07*	20*	02FEB07		136		0.00	6,748.00
IH3-006	Check access for installation	01DEC06A	38	12DEC06A	007012		100	6,748.00	6,748.00
IH3-006A	Layout hyd tensioner, UT insp scheme	09JAN07*	19*	02FEB07		136		0.00	13,008.00
IH3-015	Review for approval to proceed		0	07FEB07		133		0.00	0.00
IH5-005	Identify all stud, bushing, sperical washer, i	01NOV06A	15	21NOV06A	007012		100	2,699.20	2,699.20
IH5-010	Prepare advanced procurement dwgs calling out	01DEC06A	43*	07FEB07		133	50	5,061.00	10,122.00
IH5-015	Issue specs/dwgs for procurement (studs, bushi		0	07FEB07		133		0.00	0.00
1421-3052	Choose tools for tightening nuts	22JAN07*	5	26JAN07		108		0.00	0.00
1421-3053	Geometry of high COF shims/studs Low CTE washers	22JAN07*	10	02FEB07		103		0.00	14,463.20



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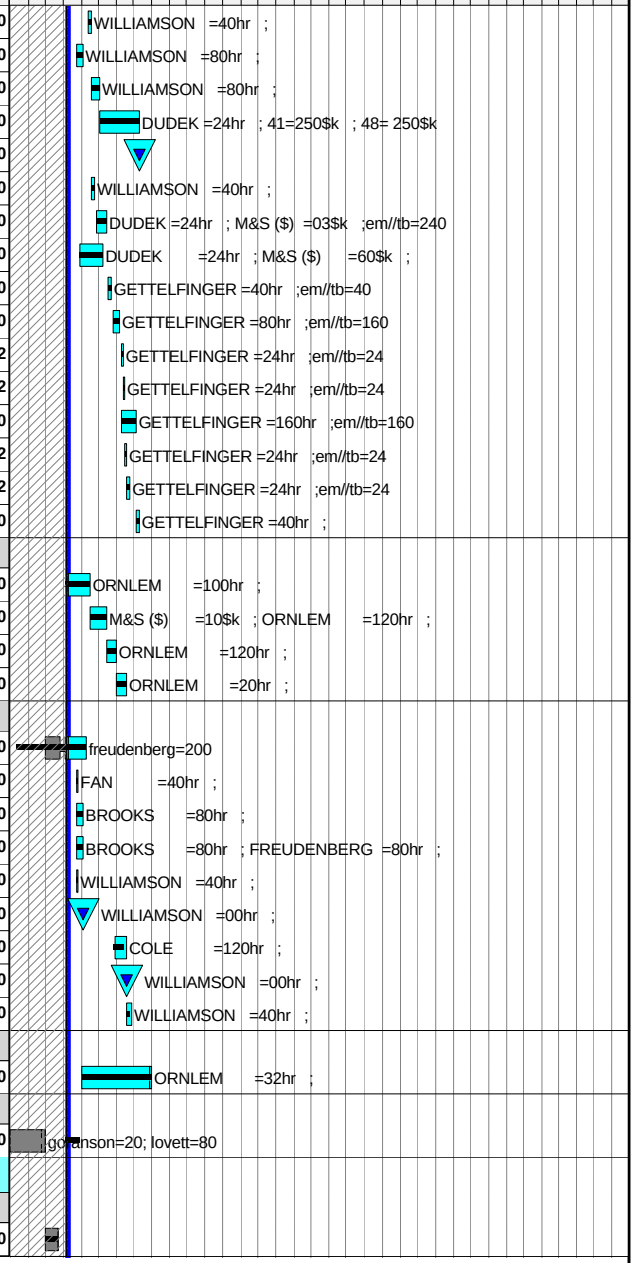
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1421-3055	Dwg for hydr. tensioners& UT inspect. # each len	12FEB07*	5	16FEB07		98		0.00	6,748.00
1421-3057	Estimates for nuts, studs, washers of different	22JAN07*	10	02FEB07		126		0.00	13,496.00
1421-3059	Procurement drawings. Peer rvw long lead procur	19FEB07	10	02MAR07		116		0.00	13,496.00
1421-3061	Procure nuts studs and washers for start of FPA	05MAR07*	50	11MAY07		116		0.00	580,756.00
1421-3064	Nuts, studs, and washers available for FPA		0	11MAY07		116		0.00	0.00
1421-3065	Dwgs prototyp bolted joint f/tapped hole&through	19FEB07*	5	23FEB07		98		0.00	6,748.00
1421-3067	Procure/fab parts f/joint test.Use existing part	26FEB07*	15	16MAR07		98		0.00	26,479.20
1421-3070	Procure tools for tightening nuts	29JAN07	30	09MAR07		118		0.00	82,236.00
1421-3073	Develop design of test fixture and instrumentati	19MAR07*	5	23MAR07		98		0.00	9,393.20
1421-3075	Setup test fixture &perform JHA & pre-job brief	26MAR07	10	06APR07		98		0.00	25,052.80
1421-3077	Meas joint deflect vs preload & loss of preload	09APR07	3	11APR07		98		0.00	5,635.92
1421-3079	Measure joint deflec & preload v. temp @80K	12APR07	3	16APR07		98		0.00	5,635.92
1421-3081	Meas joint deflect & preload v. time (days) at R	09APR07	20	04MAY07		116		0.00	37,572.80
1421-3084	Measure joint deflection&preload v. cooldown cyc	17APR07	3	19APR07		98		0.00	5,635.92
1421-3087	Perform pullout tests for tapped holes	20APR07	3	24APR07		98		0.00	5,635.92
1421-3090	Document&conduct review of test results	07MAY07	5	11MAY07		116		0.00	6,260.00
Bolt Shear Test at 77k									
1421-3111B	design,dwgs of test fixture, test plan	08JAN07*	29*	15FEB07		129		0.00	16,870.00
1421-3112B	Procure/fab parts for test&initial assembly	16FEB07*	20	15MAR07		129		0.00	33,324.00
1421-3115B	Assemble & test	16MAR07	12	02APR07		129		0.00	20,244.00
1421-3119B	Document test results	03APR07	11	17APR07		129		0.00	3,374.00
Complete Design of MC Interface									
IH1-001	Coil to coil analysis	01DEC06A	43*	07FEB07		178	50	16,870.00	33,740.00
1421-3123	Establish design criteria for bolted joints	22JAN07*	5	26JAN07		171		0.00	7,231.60
1421-3125	Determine geometry&location of high COF shims&pl	22JAN07*	10	02FEB07		166		0.00	14,463.20
1421-3127	Structural analyses to performance rqmts for bol	22JAN07*	10	02FEB07		166		0.00	27,959.20
1421-3130	Define reference bolted joint design	22JAN07*	5	26JAN07		171		0.00	6,748.00
1421-3132	PDR to review requirements, design,&development		0	02FEB07		166		0.00	0.00
1421-3134	Develop specs & dwgs for station 2 &3 assy	30MAR07	15	19APR07		127		0.00	20,244.00
1421-3136	Conduct MC interface FDR		0	19APR07		127		0.00	0.00
1421-3138	Resolve issues, release assembly spec&drawings	20APR07	5	26APR07		127		0.00	6,748.00
FY07 Rebaseline Exercise									
ECP53RBX05	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	5,398.40
1803-2-105	Stage 2 dwg-se140-xInterface between MC &insul	02OCT06A	20	30NOV06A			100	16,870.00	16,870.00
Job: 1429 - MC Interface R&D-GETTELFINGER									
Coefficient of Friction (COF) Tests									
1429-3000	Diamond COF testing	01DEC06A	64	22DEC06A	007012		100	40,910.00	40,910.00



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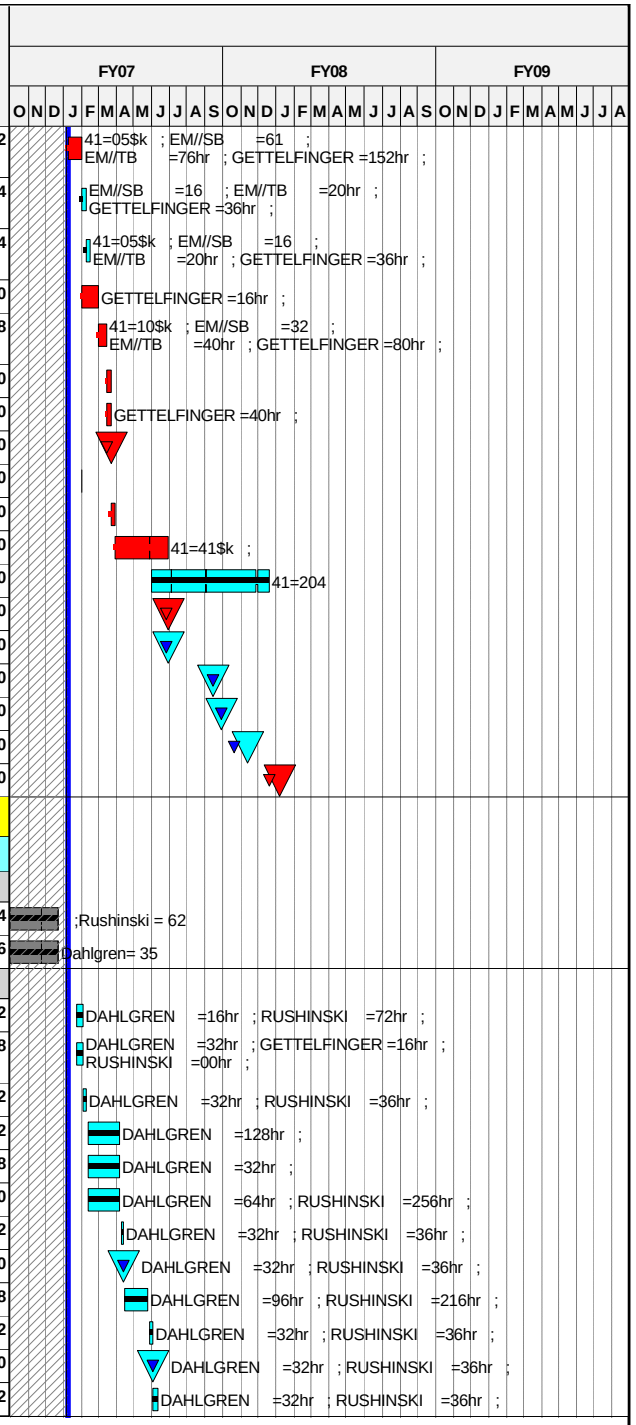
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1429-3006	Order mtl&Perform screening tests. Pick shim	08JAN07*	19	01FEB07		82		0.00	42,895.92
1429-3011	Prepare standard shims for additional testing.	02FEB07	5	08FEB07		102		0.00	8,935.64
1429-3016	COF tests (LN2,cyclic,COF, etc) for STND shims	09FEB07	5	15FEB07		102		0.00	15,475.64
1429-3021	Procure mtl for high COFshims.Prep test specimen	02FEB07	20	01MAR07		82		0.00	2,504.00
1429-3026	COF tests (LN2, cyclic, COF, etc) HIGH COF shims	02MAR07	10	15MAR07		82		0.00	32,203.28
1429-3031	Implications of press.-dependent COF for shim ds	16MAR07	5	22MAR07		82		0.00	0.00
1429-3036	Document and conduct peer review of test results	16MAR07	5	22MAR07		82		0.00	6,260.00
1429-3039	Shims defined		0	22MAR07		82		0.00	0.00
1429-3050	Define geometry of standard shim	01FEB07*	1	01FEB07		117		0.00	0.00
1429-3055	Finalize procurementg dwgs. Conduct FDR	23MAR07	5	29MAR07		82		0.00	0.00
1429-3060	Procure Shims for 1st 3 coils	30MAR07	65	29JUN07		82		0.00	53,628.00
1429-3061	Procure Shims for balance of coils	01JUN07*	140	19DEC07		88		0.00	274,747.20
1429-3065	Shims Available for 1st 3 pack FPA#1		0	29JUN07		82		0.00	0.00
1429-3066	Shims Req'd for 2nd 3 pack FPA#1		0	29JUN07		87		0.00	0.00
1429-3067	Shims Req'd for 1st 3 pack FPA#2		0	13SEP07		104		0.00	0.00
1429-3068	Shims Req'd for 2nd 3 pack FPA#2		0	28SEP07		95		0.00	0.00
1429-3069	Shims Req'd for 1st 3 pack FPA#3		0	12NOV07		113		0.00	0.00
1429-3070	Shims Req'd for 2nd 3 pack FPA#3		0	07JAN08		82		0.00	0.00
15 - Coil Structures									
Job: 1501 - Coil Structures Design-DAHLGREN									
Prior Costs									
1501-205	Update Design/models	01MAY06A	87*	22DEC06A			100	8,966.24	8,966.24
1501-209	Prepare SRD	03JUL06A	63*	22DEC06A			100	391.57	1,566.26
ECP53									
1501-501	Complete concept development	22JAN07*	10	02FEB07		117		0.00	15,909.52
1501-505	Update reqmnts.Incl base suprt struct. Issue SRD	22JAN07*	10	02FEB07		117		0.00	8,289.28
1501-509	Peer review of struct concept,rqnnts,interfaces	05FEB07	5	09FEB07		117		0.00	12,293.72
1501-513	Structural analysis. Incl base suprt struct.	12FEB07	40	06APR07		117		0.00	23,141.12
1501-517	Interface rqmnts. Document in ICD.	12FEB07	40	06APR07		117		0.00	5,785.28
1501-521	Complete structures preliminary design	12FEB07	40	06APR07		117		0.00	57,852.80
1501-525	Conduct PDR	09APR07	5	13APR07		117		0.00	12,293.72
1501-525P	PDR		0	13APR07		117		0.00	0.00
1501-529	Structures final dsn,assy&fab dwgs,BOMs,specs/SO	16APR07	30	25MAY07		117		0.00	56,406.48
1501-533	Conduct FDR	29MAY07	5	04JUN07		117		0.00	12,293.72
1501-533F	FDR		0	04JUN07		117		0.00	0.00
1501-537	Resolve chits. Issue dwgs &procurement package.	05JUN07	5	11JUN07		117		0.00	12,293.72



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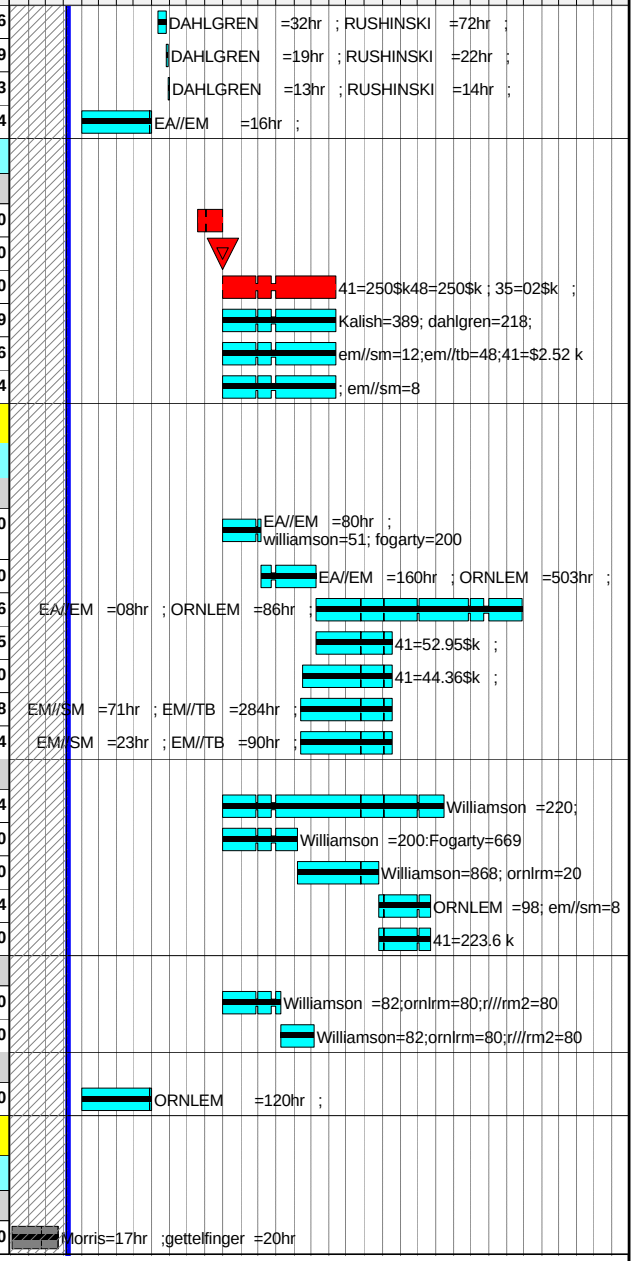
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1501-541	Update CS support design documentation	12JUN07	10	25JUN07		117		0.00	18,802.16
1501-545	Peer review of updated CS support design and doc	26JUN07	3	28JUN07		117		0.00	7,412.39
1501-549	Resolve chits.Release CS struc dwgs for fab.	29JUN07	2	02JUL07		117		0.00	4,881.33
ECP53RBX07	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	2,892.64
Job: 1550 - Coil Struct. Procurement -DAHLGREN									
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	20AUG07	30	01OCT07		84		0.00	0.00
162-036.9	Award Coil Support Structure		0	01OCT07*		84		0.00	0.00
162-037	Fabricate Coil Structure	02OCT07	130	11APR08		84		0.00	604,836.00
162-031	Title III engr WBS 151	02OCT07	130	11APR08		136		0.00	114,947.59
153.037	WBS 153 Support Structure I&C Procurement/Fab	02OCT07*	130	11APR08		136		0.00	9,095.16
153.015	Title III design WBS 153 locall&C	02OCT07*	130	11APR08		136		0.00	1,077.44
16 - Coil Services									
Job: 1601 - Coil Services Design-WILLIAMSON									
161 - LN2 Distribution									
191-001	Title I design WBS 161 LN2 manifolds&piping	01OCT07*	47	06DEC07		151		0.00	58,296.50
191-011	Title II design WBS 161 LN2 manifolds&piping	07DEC07	60	10MAR08		151		0.00	116,764.90
191-031	Title III engr WBS 161	11MAR08	242	27FEB09		151		0.00	16,585.26
191-037	Procurement WBS 161	11MAR08	92	18JUL08		163		0.00	74,394.75
191-038	PDR#17	15FEB08*	109	18JUL08		163		0.00	62,325.80
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	14FEB08*	110	18JUL08		163		0.00	32,864.48
191-042	PDR #17,25,3	14FEB08*	110	18JUL08		163		0.00	10,482.14
162 - Electrical Leads									
132-000	PDR #17 & 25	01OCT07*	262*	16OCT08		238		0.00	37,889.54
132-001	Title I design WBS 162 Coil leads	01OCT07*	84	06FEB08		108		0.00	149,381.10
132-011	Title II design WBS 162 Coil leads	07FEB08	100	26JUN08		108		0.00	153,159.10
132-015	Title III design WBS 162 Coil leads	27JUN08*	60	22SEP08		256		0.00	17,923.64
132-037	Coil Leads Procurement WBS 162	27JUN08*	60	22SEP08		108		0.00	314,186.10
163 - Coil Protection System									
163.001	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08		187		0.00	42,912.60
163.011	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08		187		0.00	42,912.60
FY07 Rebaseline Exercise									
ECP53RBX08	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	20,244.00
17 - Cryostat and Base Support Structure									
Job: 1702 - Base Support Struct Design-DAHLGREN									
Prior Costs									
161-002	Start Preliminary Design	03OCT06A	35	22DEC06A			100	4,800.90	4,800.90



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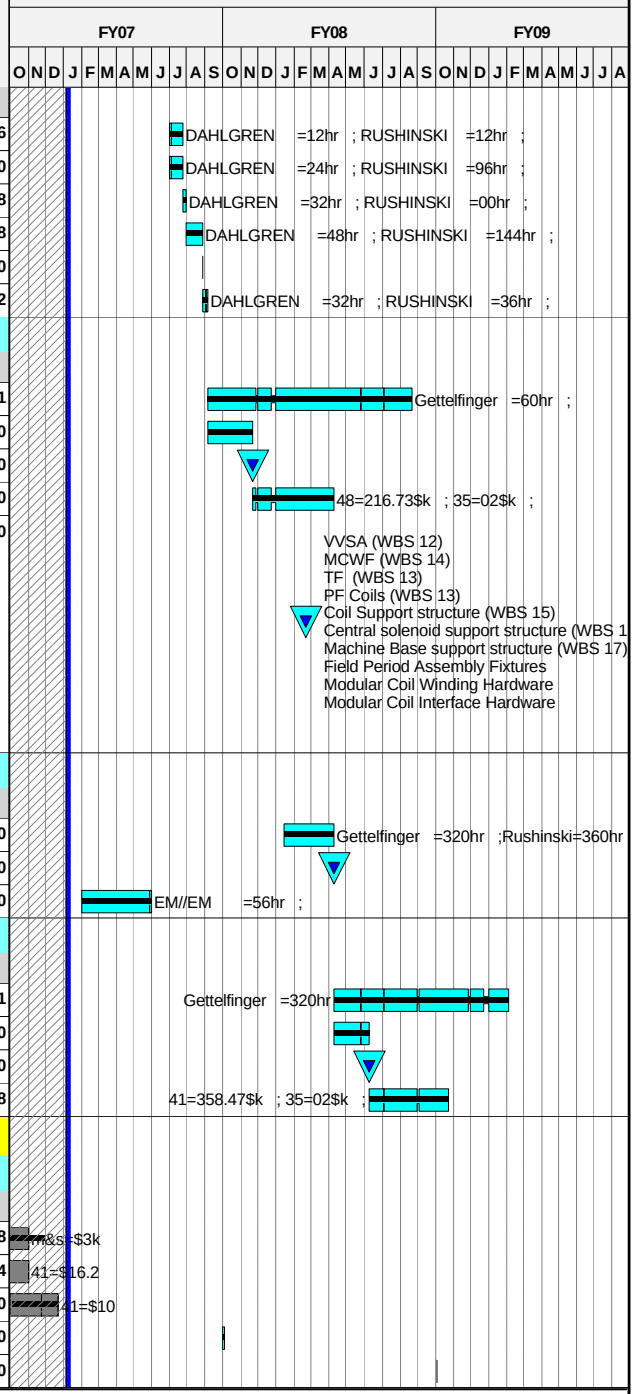
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1702-505	Interface requirements. Document in ICDs	02JUL07*	15	23JUL07		121		0.00	4,338.96
1702-510	Complete base support structure prel. design	02JUL07*	15	23JUL07		121		0.00	21,694.80
1702-515	Conduct PDR. Resolve chits.	24JUL07	5	30JUL07		121		0.00	5,785.28
1702-520	Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	31JUL07	20	27AUG07		121		0.00	34,711.68
1702-525	FDR	28AUG07	1	28AUG07		121		0.00	0.00
1702-530	Resolve chits.Release dwgs for fab.Issue proc pk	29AUG07	5	05SEP07		121		0.00	12,293.72
Job: 1752 - Base Support Proc-DAHLGREN									
172 - Base Support Structure									
161-031	Title III engr WBS 172	06SEP07	240	21AUG08		277		0.00	9,803.11
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06SEP07	55	21NOV07		121		0.00	0.00
161-036.9	Award Mach Base&Coil struct as one Procurement		0	21NOV07		121		0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	22NOV07*	90	08APR08		121		0.00	220,316.00
JM-07	ALL CRITICAL STELLARATOR CORE CONTRACTS PLACED		0	20FEB08		406		0.00	0.00
Job: 1701 - Cryostat Design-GETTLEFINGER									
Cryostat									
151-011	Final Design Cryostat WBS 171	16JAN08*	60	08APR08		106		0.00	120,624.40
171-199	Cryostat FDR		0	08APR08		106		0.00	0.00
ECP53RBX09	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	8,764.00
Job: 1751 - Cryostat Procurement-GETTLEFINGER									
171 - Cryostat									
151-031	Title III engr	09APR08	202	02FEB09		170		0.00	53,695.71
151-036.8	Prep Spec, Solicit bids, and Select Vendor	09APR08	43	09JUN08		106		0.00	0.00
151-036.9	Award Cryostat Procurement		0	09JUN08*		106		0.00	0.00
151-037	Cryostat Procurement & PPPL fab [A/1]	10JUN08	95	22OCT08		106		0.00	311,669.68
18 - Field Period Assembly									
Job: 1804 - Metrology Hardware-RAFTOPOULOS									
Metrology									
740.100	Romer CMM- spare probes	03JAN06A	233*	31OCT06A			100	4,093.48	4,093.48
740.105	Romer CMM-Software support&warranty renewal FY06	01OCT05A	249*	31OCT06A			100	22,127.34	22,127.34
740.106	Romer CMM-Software support&warranty renewal FY07	02OCT06A	62*	22DEC06A			100	13,080.00	13,080.00
740.107	Romer CMM-Software support FY08 ecp53	03OCT07*	2*	04OCT07		496		0.00	0.00
740.108	Romer CMM-Software support FY09 ecp53	03OCT08*	1*	03OCT08		247		0.00	0.00



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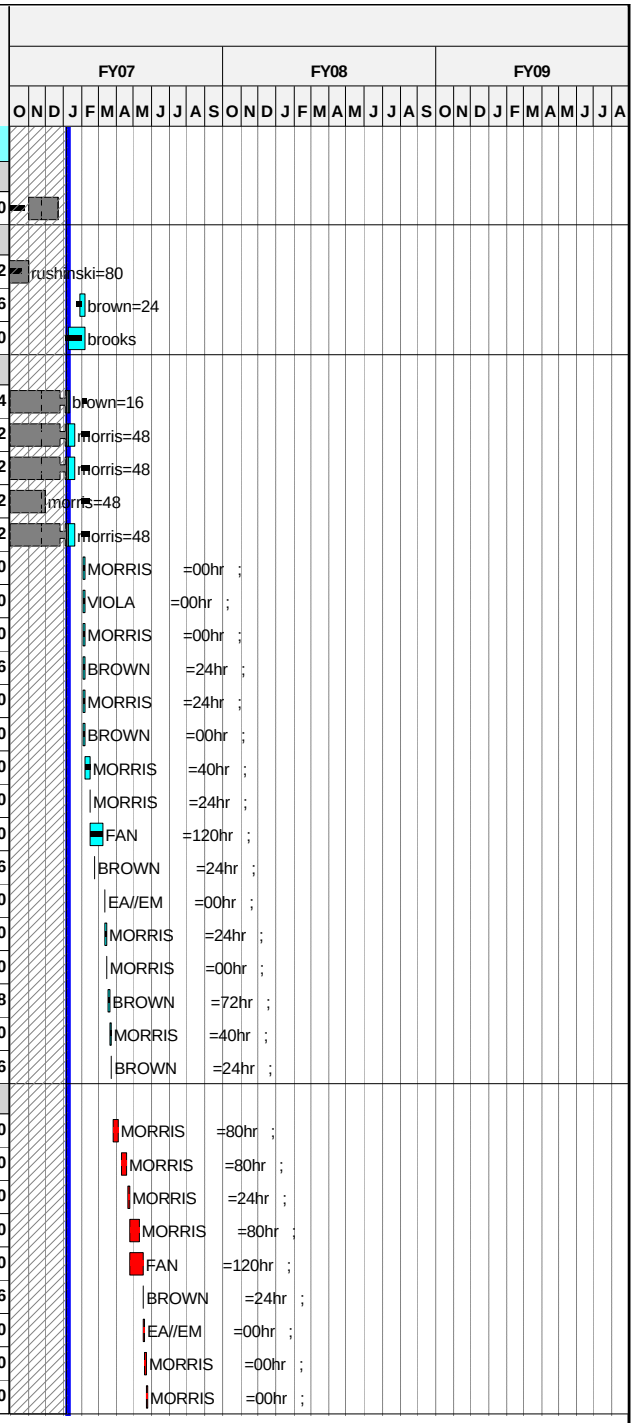
Job: 1803 - FP Asy Tooling/Constrblty-BROWN									
1.00-VV Prep Station									
1803-1.20	Finalize loop layout on FP 2 & 3	01NOV06A	20	22DEC06A			100	0.00	0.00
Station 2-Modular Coil Sub- Assembly									
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	35*	31OCT06A			100	14,206.82	14,206.82
1803-2.08A	Assy sequence plan drafted	29JAN07	7	06FEB07		144		0.00	4,338.96
1803-2.08C	Dimensional control plan drafted	08JAN07*	22	06FEB07		144		0.00	0.00
Station 3-Modular Coil to VVSA Assembly									
1803-3.15A	Requirements finalized	01OCT06A	5	12JAN07		682	80	2,314.11	2,892.64
1803-3.15	Models&dwgs for- MC load support	01OCT06A	10	19JAN07		677	95	8,244.02	8,677.92
1803-3.17	Models&dwgs for- Laser screen guide mods	01OCT06A	10	19JAN07		677	95	8,244.02	8,677.92
1803-3.18	Models&dwgs for-VV support stand	01OCT06A	10	30NOV06A			100	8,677.92	8,677.92
1803-3.19	Models&dwgs for-Mechanical screw drive	01OCT06A	10	19JAN07		677	80	6,942.34	8,677.92
TB3.1	Release dwg for actuator lifting system	05FEB07*	1	05FEB07		666		0.00	0.00
TB3.2	Spec for actuator lifting system	05FEB07*	1	05FEB07		666		0.00	0.00
TB3.3	Complete stage 3 dwgs w/o laser modification	05FEB07*	1	05FEB07		666		0.00	0.00
TB3.4	Re-set laser track on left side	05FEB07*	2	06FEB07		665		0.00	4,338.96
TB3.5	Complete stage 3 dwgs with laser mod-left side	05FEB07*	2	06FEB07		104		0.00	2,800.80
TB3.6	Re-set laser track on right side	05FEB07*	1	05FEB07		105		0.00	0.00
TB3.7	Modify stage 3 dwgs with laser mo -right side	07FEB07*	5	13FEB07		104		0.00	4,668.00
TB3.8	Update FEA models	14FEB07*	2	15FEB07		104		0.00	2,800.80
TB3.9	Perform stress analysis	16FEB07*	15	08MAR07		104		0.00	21,694.80
TB4.0	re-estimate fabrication costs	23FEB07*	1	23FEB07		113		0.00	4,338.96
TB4.1	FDR	13MAR07*	1	13MAR07		102		0.00	0.00
TB4.2	Revise drawings as needed per FDR input	14MAR07*	2	15MAR07		102		0.00	2,800.80
TB4.3	Release drawings for fabrication	16MAR07*	1	16MAR07		102		0.00	0.00
TB4.4	VV/MC clearance report (for VVSA1, 2 and 3)	19MAR07*	1	19MAR07		167		0.00	13,016.88
TB4.5	Generate laser trace drawing for each screen	20MAR07*	3	22MAR07		167		0.00	4,668.00
TB4.6	Assembly sequence plan drafted	23MAR07*	1	23MAR07		167		0.00	4,338.96
Station 5-Final Field Period Assembly									
TB5.1	Update Stage 5 PD consistent with TF asmbly	26MAR07*	8	04APR07		79		0.00	9,336.00
TB5.2	Develop Stage 5 model details	09APR07*	8	18APR07		77		0.00	9,336.00
TB5.3	Develop Stage 5 FEA models	23APR07*	2	24APR07		75		0.00	2,800.80
TB5.4	Develop Stage 5 drawings	26APR07*	11	10MAY07		78		0.00	9,336.00
TB5.5	Perform stress analysis	26APR07*	15	16MAY07		74		0.00	21,694.80
TB5.6	re-estimate fabrication costs	17MAY07*	1	17MAY07		73		0.00	4,338.96
TB5.7	FDR	18MAY07*	1	18MAY07		73		0.00	0.00
TB5.8	Revise drawings as needed per FDR input	21MAY07*	3	23MAY07		73		0.00	0.00
TB5.9	Release drawings for fabrication	24MAY07	1	24MAY07		73		0.00	0.00



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Progress Bar
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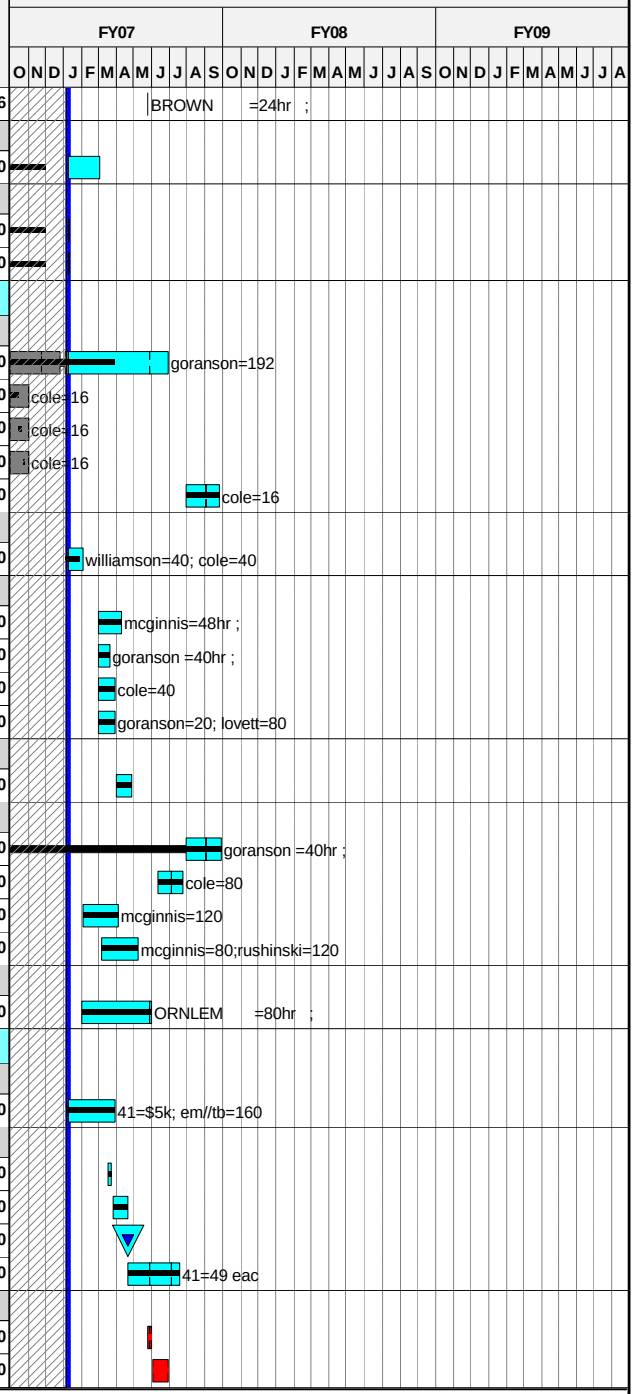
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
TB6.0	Assembly sequence plan drafted	25MAY07	1	25MAY07		142		0.00	4,338.96
6.00-Interface/Test Activities									
1803-5.02	TFTR Test Cell FPA arrgmnt dwg	08JAN07*	40	02MAR07		141		0.00	0.00
7.00-Oversight									
1803-7.11	Tom Brown Engineering (resources above)	08JAN07*	0*	05JAN07		687	LOE	0.00	0.00
1803-7.22	Design Activity (resources above)	08JAN07*	0*	05JAN07		687	LOE	0.00	0.00
Job: 1806 - FP Assembly specs and drawings-COLE									
1.00-VV Prep Station									
121-034.2	VVSA Title III engr as-built vvsa models/dwgs	01OCT06A	122	27JUN07		565	LOE	0.00	32,390.40
1803-1-105	Stage 1 dwg -SE121-004	02OCT06A	10	31OCT06A			100	2,699.20	2,699.20
1803-1-110	Stage 1 dwg -SE121-008	02OCT06A	5	31OCT06A			100	2,699.20	2,699.20
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	02OCT06A	5	31OCT06A			100	2,699.20	2,699.20
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07		283		0.00	2,699.20
Station 2-Modular Coil Sub- Assembly									
1803-2-100	Prep Stage 2 Spec	08JAN07*	20	02FEB07		146		0.00	13,496.00
Station 3-Modular Coil to VVSA Assembly									
1203-880	Issue 120-049,004 & 008	01MAR07*	28	09APR07		156		0.00	8,097.60
1203-804	Issue VV assy specification	01MAR07*	13	19MAR07		171		0.00	6,748.00
1803-3-100	Prep stage 3 Spec	01MAR07*	20	28MAR07		164		0.00	6,748.00
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07*	20	28MAR07		164		0.00	16,870.00
Station 4-TF Coil Sub-assemblyELIMINATED -ECP5**									
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07		607		0.00	0.00
Station 5-Final Field Period Assembly									
1203-802	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07		287	80	5,398.40	18,894.40
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07		103		0.00	13,496.00
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD DETAILS	05FEB07*	44	05APR07		178		0.00	20,244.00
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	08MAR07*	44	08MAY07		155		0.00	35,190.80
FY07 Rebaseline Exercise									
ECP53RBX12	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	13,496.00
Job: 1805 - FP Assy H/W&Fixture Prcrmnts-DUDEK									
Station 2-Modular Coil Sub- Assembly									
1803-2.11	Obtain fixtures from MTM (3 of 5 fixtures)	08JAN07*	60	30MAR07		121		0.00	19,072.80
Station 3-Modular Coil to VVSA Assembly									
1803-3.08A	Requisition issued	19MAR07	5	23MAR07		102		0.00	0.00
1803-3.08B	Recieve & Evaluate Bids	26MAR07	20	20APR07		102		0.00	0.00
1803-3.15D	Award Fabrication Contract		0	20APR07		102		0.00	0.00
1803-3.15C	Tooling fabricated (1 fixture)	23APR07	60	17JUL07		102		0.00	64,092.00
Station 5-Final Field Period Assembly									
1803-5.08A	Requisition Issued	25MAY07	5	01JUN07		73		0.00	0.00
1803-5.08B	Receive bids and evaluate	04JUN07	20	29JUN07		73		0.00	0.00



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ECP53 BASELINE
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Critical Activity

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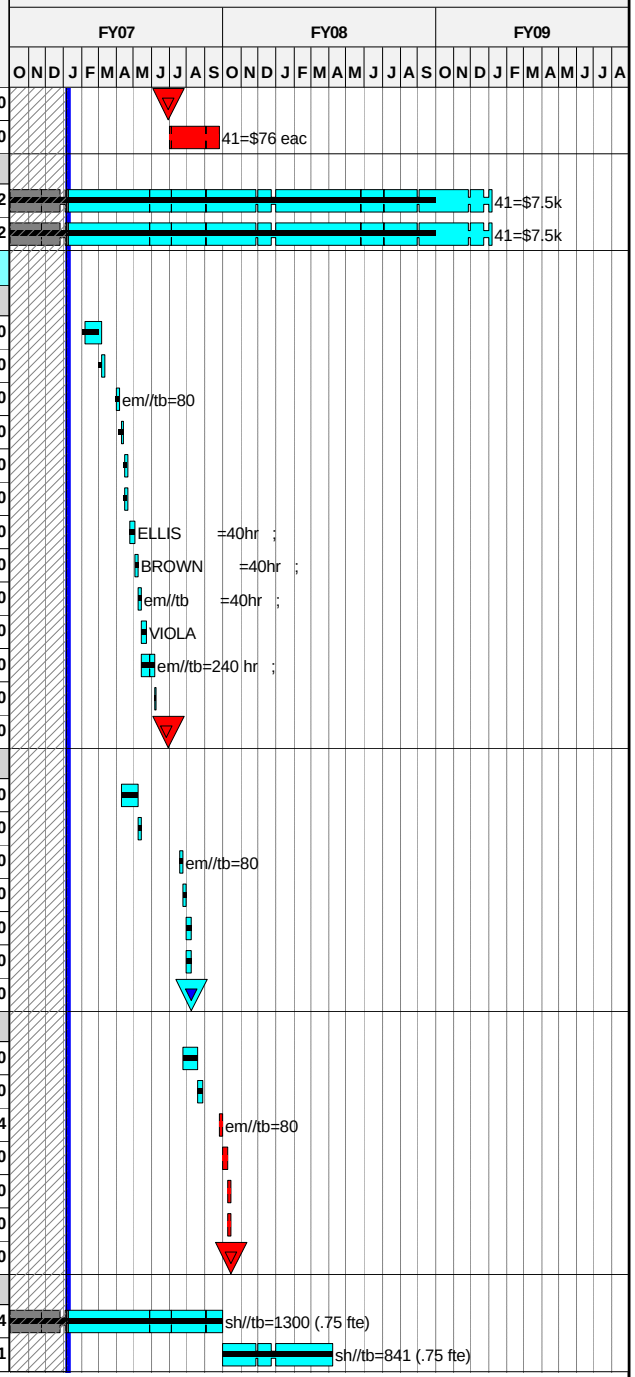
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
1803-5.008	Award fabrication contract		0	29JUN07		73		0.00	0.00
1803-5.009	Fabr suprt frame, TF coil instl fixt, & platform	02JUL07*	60	25SEP07		73		0.00	99,408.00
Tooling Design & Fabrication									
713A.040	General procurements	01OCT06A	498	06JAN09		189	LOE	0.00	10,242.62
713A.050	Welding tools, materials & equipt	02OCT06A	498	06JAN09		189	LOE	0.00	10,242.62
Job: 1802 - FP Assy Oversight&Support-VIOLA									
Station 2-Modular Coil Sub- Assembly									
1803-2.11B	Procedures approved	07FEB07*	20	06MAR07		144		0.00	0.00
1803-2.11D	Training needs identified & released	07MAR07*	5	13MAR07		144		0.00	0.00
1803-2.11A	Install Holding fixture	02APR07*	5	06APR07		121		0.00	6,266.40
1803-2.11C	JHA completed	09APR07*	5	13APR07		121		0.00	0.00
1803-2.11E	ACC review completed	16APR07*	5	20APR07		612		0.00	0.00
1803-2.11F	Pre-jpb brief completed	16APR07*	5	20APR07		121		0.00	0.00
1802-3170	Document assembly sequence	25APR07	5	01MAY07		98		0.00	7,231.60
1802-3172	Finalize dimensional control plan	02MAY07	5	08MAY07		98		0.00	7,231.60
1802-3174	Finalize assembly procedure	09MAY07	5	15MAY07		98		0.00	3,133.20
1802-3176	Establish back office support requirements&data	16MAY07	5	22MAY07		108		0.00	0.00
1802-3178	Train technicians in operation of metrology equ	16MAY07	15	06JUN07		98		0.00	18,799.20
1802-3180	RLM authorization for assembly operations	07JUN07	1	07JUN07		98		0.00	0.00
1802-3182	Start Station 2 assembly operations		0	29JUN07		82		0.00	0.00
Station 3-Modular Coil to VVSA Assembly									
1803-3.11B	Procedures approved	10APR07	20	07MAY07		156		0.00	0.00
1803-3.11D	Training needs identified & released	08MAY07	5	14MAY07		156		0.00	0.00
1803-3.15G	Fixtures installed	18JUL07	5	24JUL07		102		0.00	6,266.40
1803-3.11C	JHA completed	25JUL07	5	31JUL07		102		0.00	0.00
1803-3.11E	ACC review completed	01AUG07	5	07AUG07		102		0.00	0.00
1803-3.11F	Pre-job brief completed	01AUG07	5	07AUG07		102		0.00	0.00
1803-3.11G	Station 3 operational		0	07AUG07		102		0.00	0.00
Station 5-Final Field Period Assembly									
1803-5.11B	Procedures approved	24JUL07*	20	20AUG07		103		0.00	0.00
1803-5.11D	Training needs identified & released	21AUG07*	5	27AUG07		103		0.00	0.00
1803-5.15G	Fixtures installed	26SEP07	5	02OCT07		73		0.00	6,385.44
1803-5.11C	JHA completed	03OCT07*	5	09OCT07		73		0.00	0.00
1803-5.11E	ACC review completed	10OCT07*	5	16OCT07		73		0.00	0.00
1803-5.11F	Pre-job brief completed	10OCT07*	5	16OCT07		73		0.00	0.00
1803-5.11G	Station 5 operational		0	16OCT07		73		0.00	0.00
Oversight and Supervision									
181.220	HP Coverage in the TFTR TC LOE FY07	01OCT06A	250*	01OCT07		499	LOE	36,758.72	148,220.64
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08		373		0.00	74,611.31



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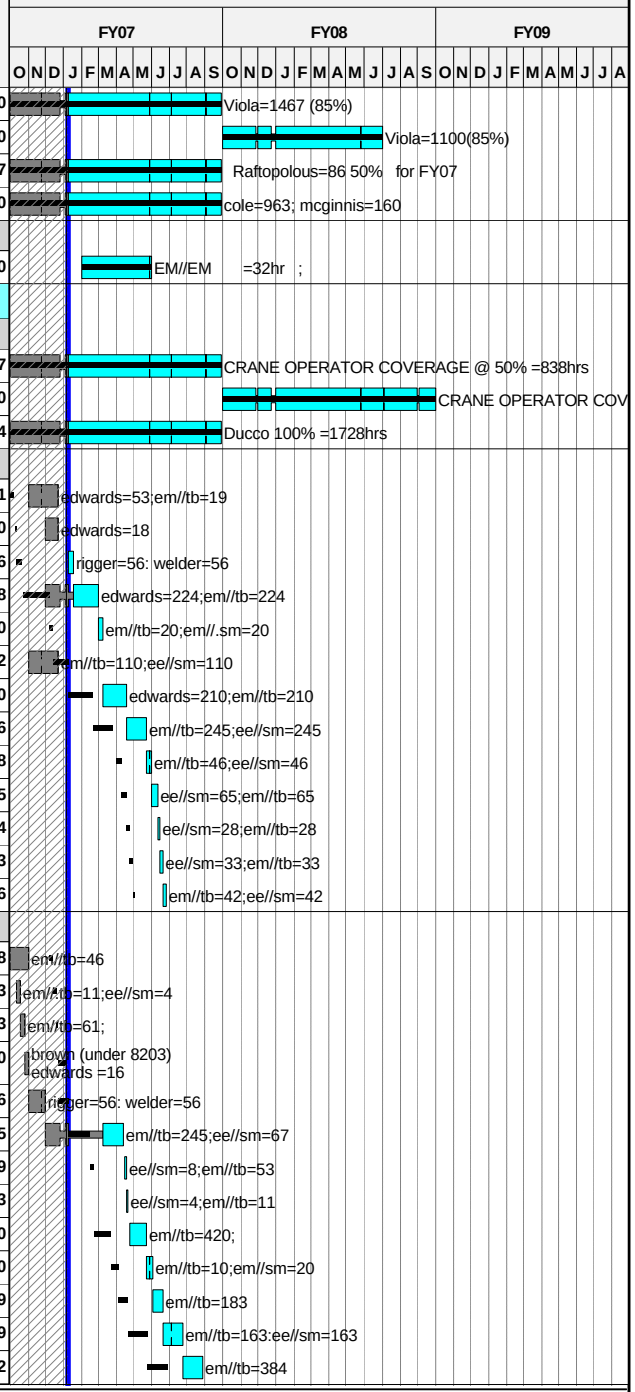
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
181.121	PPPL EM LOE FY07	01OCT06A	249*	28SEP07		500	LOE	57,166.79	229,585.50
181.122	PPPL EM LOE FY08	01OCT07*	186*	30JUN08		314		0.00	180,301.00
181.120B	Metrology Engineering Supervision FY07	01OCT06A	249*	28SEP07		500	LOE	38,849.42	156,021.77
181.125	Title III field period assembly FY07 ORNL suppor	01OCT06A	249*	28SEP07		500	LOE	47,173.08	189,450.10
FY07 Rebaseline Exercise									
ECP53RBX10	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	5,008.00
Job: 1810 - Field Period Assembly-VIOLA									
General F.P. Assy support									
S0P0-200	LOE Crane support, fixture setupfor TFTR TC.	01OCT06A	249*	28SEP07		500	LOE	16,351.13	65,667.17
S0P0-250	LOE Crane support, fixture setupfor TFTR TC.	02OCT07*	248*	29SEP08		251	LOE	0.00	68,785.80
S0P0-300	LOE Metrology support	01OCT06A	249*	28SEP07		500	LOE	33,703.21	135,354.24
Station 1-VV Prep (hard surface components) FP#1									
S1P1-104	Install heater tape on vertical ports	01NOV06A	5	22DEC06A			100	8,839.61	8,839.61
S1P1-105	Verify installation of heater tapes	01DEC06A	3	22DEC06A			100	2,494.80	2,494.80
S1P1-105.1	Check port weld fit-up	08JAN07	7	16JAN07		118		0.00	8,772.96
S1P1-107	Install random magnetic diagnostic sensors	01DEC06A	32	01MAR07		118	5	2,776.70	55,534.08
S1P1-107.1	Loop termination & verification	02MAR07	5	08MAR07		118		0.00	7,242.20
S1P1-106	Attach studs for coolant lines	01NOV06A	12	22DEC06A			100	18,222.12	18,222.12
S1P1-107.2	Install precision magnetic diagnostic sensors	09MAR07	30	19APR07		118		0.00	52,063.20
S1P1-108	Install cooling/htg lines to vac vsl	20APR07	24	23MAY07		118		0.00	41,650.56
S1P1-109	Verify Instl of H/C lines,headers,manifolds	24MAY07*	5	31MAY07		118		0.00	9,978.78
S1P1-110	Install local I&C (incl thermocouples)	01JUN07	7	11JUN07		118		0.00	14,100.45
S1P1-111	Verify installation of local I&C	12JUN07	3	14JUN07		118		0.00	6,074.04
S1P1-112	Final Scan	15JUN07	5	21JUN07		118		0.00	7,191.23
S1P1-116	Prepare and transfer completed VV to holding are	22JUN07	3	26JUN07		118		0.00	9,111.06
Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)									
S1P2-101A	Prep for mounting on fixture,Instl flanges	02OCT06A	5	31OCT06A			100	3,603.18	3,603.18
S1P2-102	Mount VV on VV Prep fixture (top side up)	13OCT06A	2	18OCT06A			100	1,416.03	1,416.03
S1P2-103	Establish metrology setting; align VV base	19OCT06A	3	25OCT06A			100	4,778.13	4,778.13
S1P3-103.2	Perform full machine best fit	26OCT06A	2	31OCT06A			100	2,217.60	2,217.60
S1P2-105.1	Check port weld fit-up	01NOV06A	7	30NOV06A			100	8,772.96	8,772.96
S1P2-103.1	Layout diagnostic&coolant paths on vessel	01DEC06A	26	13APR07		130		0.00	28,477.05
S1P2-104	Install heater tape on vertical ports	16APR07	4	19APR07		130		0.00	5,260.29
S1P2-105	Verify installation of heater tapes	20APR07	1	20APR07		130		0.00	1,416.03
S1P2-107	Wind magnetic diagnostic sensors	24APR07	20	21MAY07		130		0.00	21,932.40
S1P2-107.1	Loop termination & verification	22MAY07	9	04JUN07		130		0.00	3,355.10
S1P2-106	Attach studs forcoolant lines	05JUN07	12	20JUN07		130		0.00	14,334.39
S1P2-107.2	Install precision magnetic diagnostic sensors	21JUN07	24	25JUL07		130		0.00	35,359.59
S1P2-108	Install cooling/htg lines to vac vsl	26JUL07	24	28AUG07		130		0.00	30,078.72



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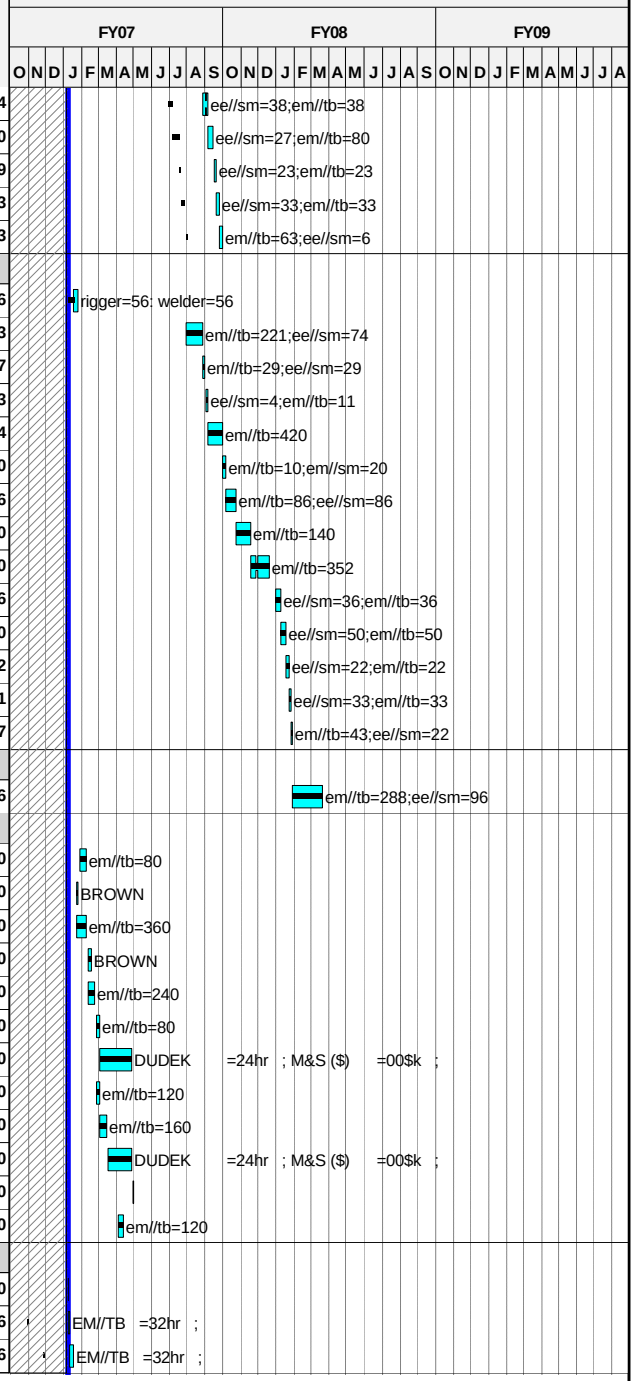
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
S1P2-109	Verify Instl of H/C lines,headers,manifolds	29AUG07	5	05SEP07		130		0.00	8,243.34
S1P2-110	Install local I&C (incl thermocouples)	06SEP07	7	14SEP07		130		0.00	10,008.60
S1P2-111	Verify installation of local I&C	17SEP07	3	19SEP07		130		0.00	4,989.39
S1P2-112	Final Scan	20SEP07	5	26SEP07		130		0.00	7,191.23
S1P2-116	Prepare and transfer completed VV to holding are	27SEP07	3	01OCT07		130		0.00	5,857.63
Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2)									
S1P3-105.1	Check port weld fit-up	17JAN07	7	25JAN07		225		0.00	8,772.96
S1P3-103.1	Layout diagnostic&coolant paths on vessel	01AUG07*	19	27AUG07		94		0.00	27,567.33
S1P3-104	Install heater tape on vertical ports	28AUG07	4	31AUG07		94		0.00	6,290.97
S1P3-105	Verify installation of heater tapes	04SEP07	1	04SEP07		94		0.00	1,416.03
S1P3-107	Wind magnetic diagnostic sensors	05SEP07	20	02OCT07		94		0.00	33,054.84
S1P3-107.1	Loop termination & verification	03OCT07	3	05OCT07		94		0.00	3,514.10
S1P3-106	Attach studs forcoolant lines	08OCT07	12	23OCT07		94		0.00	19,540.06
S1P3-107.2	Install precision magnetic diagnostic sensors	24OCT07	19	19NOV07		94		0.00	21,825.30
S1P3-108	Install cooling/htg lines to vac vsl	20NOV07	22	21DEC07		94		0.00	28,881.60
S1P3-109	Verify Instl of H/C lines,headers,manifolds	02JAN08	5	08JAN08		94		0.00	8,179.56
S1P3-110	Install local I&C (incl thermocouples)	09JAN08	7	17JAN08		94		0.00	11,360.50
S1P3-111	Verify installation of local I&C	18JAN08	3	22JAN08		94		0.00	4,998.62
S1P3-112	Final Scan	23JAN08	3	25JAN08		94		0.00	7,532.01
S1P3-116	Prepare and transfer completed VV to holding are	28JAN08	3	30JAN08		94		0.00	6,721.67
Station 1-Spool pieces (3) (spacers)									
S1SP-101	Attachdiagnostics, studs and coolant lines	31JAN08	35	19MAR08		202		0.00	37,565.76
Station 2 Trials & Development									
1810-3142	Determine stud length constraints based on acces	29JAN07*	10	09FEB07		98		0.00	6,266.40
1810-3145	Identify "close points" when assembling	22JAN07*	5	26JAN07		136		0.00	0.00
1810-3147	Perform fits of C-C, C-B, B-A,&A-A	22JAN07*	15	09FEB07		126		0.00	28,198.80
1810-3149	Guidance f/post-VPI proced to include measuremen	12FEB07	5	16FEB07		131		0.00	0.00
1810-3151	Perform trial x-y-z alignments on C1-C2.	12FEB07	10	23FEB07		126		0.00	18,799.20
1810-3153	Alignment mechanisms, metro equipt &positioning	26FEB07	5	02MAR07		126		0.00	6,266.40
1810-3155	Procure alignment mechanisms, fiducials, lifting	05MAR07	40	27APR07		126		0.00	3,756.00
1810-3158	Develop procedures for torquing bolts	26FEB07*	5	02MAR07		126		0.00	9,399.60
1810-3160	Determine fiducial types&locations	05MAR07	10	16MAR07		126		0.00	12,532.80
1810-3162	Procure monuments&related metrology equipment	19MAR07	30	27APR07		126		0.00	3,756.00
1810-3165	Tools&tooling available for FPA operations	30APR07	0	27APR07		126		0.00	0.00
1810-3166	Prototype bladder installation.	06APR07	5	12APR07		105		0.00	9,399.60
Station 2-Modular Coil Subassembly-FP#1									
S2P1-000	Receive MTM Fixture	08JAN07*	1	08JAN07		196		0.00	0.00
S2P1-001	Pre-fit C2-C3 (no re-work)	09JAN07*	3	11JAN07		196		0.00	2,506.56
S2P1-003	Pre-fit C1-C5	12JAN07*	3	16JAN07		196		0.00	2,506.56



Run Date **02FEB07 11:42**

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

0701

NCSX
ECP-53
BASELINE SCHEDULE

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PRELIMINARY 2/1/07

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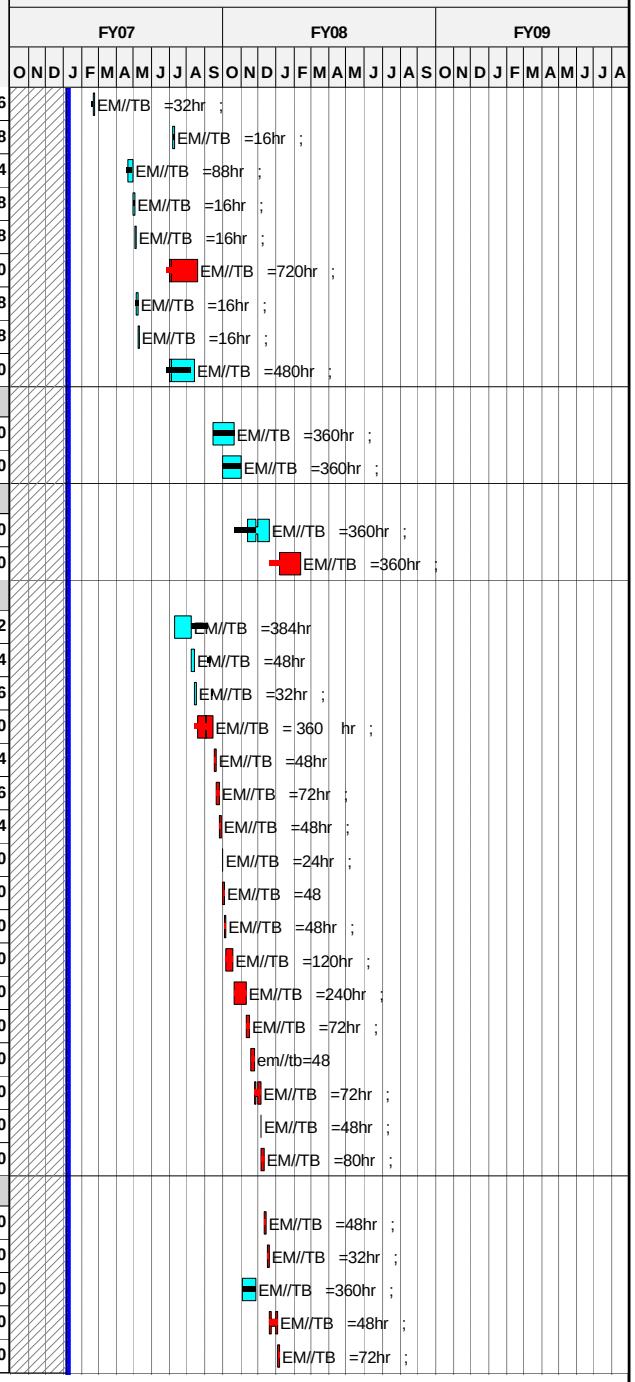
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
S2P1-005	Pre-fit A1-A2	21FEB07*	3	23FEB07		171		0.00	2,506.56
S2P1-007	Pre-fit C6-C4	09JUL07	2	10JUL07		152		0.00	1,253.28
S2P1-010	Test out equipt & procedures	23APR07	6	30APR07		121		0.00	6,893.04
S2P1-012	Fit C1-B1	01MAY07	2	02MAY07		121		0.00	1,253.28
S2P1-014	Fit B1-A1	03MAY07	2	04MAY07		121		0.00	1,253.28
S2P1-100	Assemble/Align Mod-Coils A1/B1/C1	02JUL07	35	20AUG07		82		0.00	56,397.60
S2P1-016	Fit A2-B2	07MAY07	2	08MAY07		122		0.00	1,253.28
S2P1-018	Fit B2-C2	09MAY07	2	10MAY07		122		0.00	1,253.28
S2P1-200	Assemble/Align Mod-Coils A2/B2/C2	02JUL07	30	13AUG07		87		0.00	37,598.40
Station 2-Modular Coil Subassembly-FP#2									
S2P2-100	Assemble/Align Mod-Coils A3/B3/C3	14SEP07*	27	22OCT07		104		0.00	28,992.40
S2P2-200	Assemble/Align Mod-Coils A4/B4/C4	01OCT07*	25	02NOV07		95		0.00	29,538.00
Station 2-Modular Coil Subassembly-FP#3									
S2P3-100	Assemble/Align Mod-Coils A5/B5/C5	13NOV07	25	19DEC07		113		0.00	29,538.00
S2P3-200	Assemble/Align Mod-Coils A6/B6/C6	08JAN08	25	11FEB08		82		0.00	29,538.00
Station 3-Assemble Mod Coils and VVSA-FP#1									
S3P1-001	Test out station 3 equipment and procedures	11JUL07	20	07AUG07		102		0.00	30,078.72
S3P1-101	VV to MC turning fixt base; metr check	08AUG07	4	13AUG07		102		0.00	3,759.84
S3P1-101.1	Attach local protective strips to VV&locate sens	14AUG07	3	16AUG07		102		0.00	2,506.56
S2P1-201	Assemble/Disassemble abc1-abc2 (stage 3 fixture)	21AUG07	18	14SEP07		82		0.00	28,198.80
S3P1-102	Mount MC on crane; perform metr checks	17SEP07	3	19SEP07		82		0.00	3,759.84
S3P1-103	Rotate right MC to stand-off position&chk	20SEP07	4	25SEP07		82		0.00	5,639.76
S3P1-104	Transfer load to sprt sys and recheck position	26SEP07	3	28SEP07		82		0.00	3,759.84
S3P1-105	Move MC turning fixt; mount MC on crane	01OCT07	1	01OCT07		82		0.00	1,969.20
S3P1-106	Rotate left MC to stand-off position and check p	02OCT07	2	03OCT07		82		0.00	3,938.40
S3P1-107	Move left & right MC to final position & measure	04OCT07	2	05OCT07		82		0.00	3,938.40
S3P1-109	Bolt together at flange interface.	08OCT07	10	19OCT07		82		0.00	9,846.00
S3P1-108	Pot 3 packs together	22OCT07	15	09NOV07		82		0.00	19,692.00
S3P1-110	Perform final metrology position check	12NOV07	5	16NOV07		82		0.00	5,907.60
S3P1-110.1	Remove temp interference strips&sensors	19NOV07	5	23NOV07		82		0.00	3,938.40
S3P1-111	Secure VV to MC's using temporary supports.	26NOV07	5	04DEC07		82		0.00	5,907.60
S4P1-114	Prepare Field Period for shipment	05DEC07	2	06DEC07		82		0.00	3,938.40
S4P1-115	Transfer completed assy to C-site test cell	07DEC07	2	10DEC07		82		0.00	6,564.00
Station 3-Assemble Mod Coils and VVSA-FP#2									
S3P2-101	Mount VV to MC turning fixt base; metr check	11DEC07	4	14DEC07		82		0.00	3,938.40
S3P2-101.1	Attach local protective strips to VV&locate sens	17DEC07	3	19DEC07		82		0.00	2,625.60
S2P2-201	Assemble/Disassemble abc -abc4 (stage 3 fixture)	05NOV07	18	28NOV07		95		0.00	29,538.00
S3P2-102	Mount MC on crane; perform metr checks	20DEC07	3	02JAN08		82		0.00	3,938.40
S3P2-103	Rotate right MC to stand-off position&chk	03JAN08	3	07JAN08		82		0.00	5,907.60



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ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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BASELINE SCHEDULE

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PRELIMINARY 2/1/07

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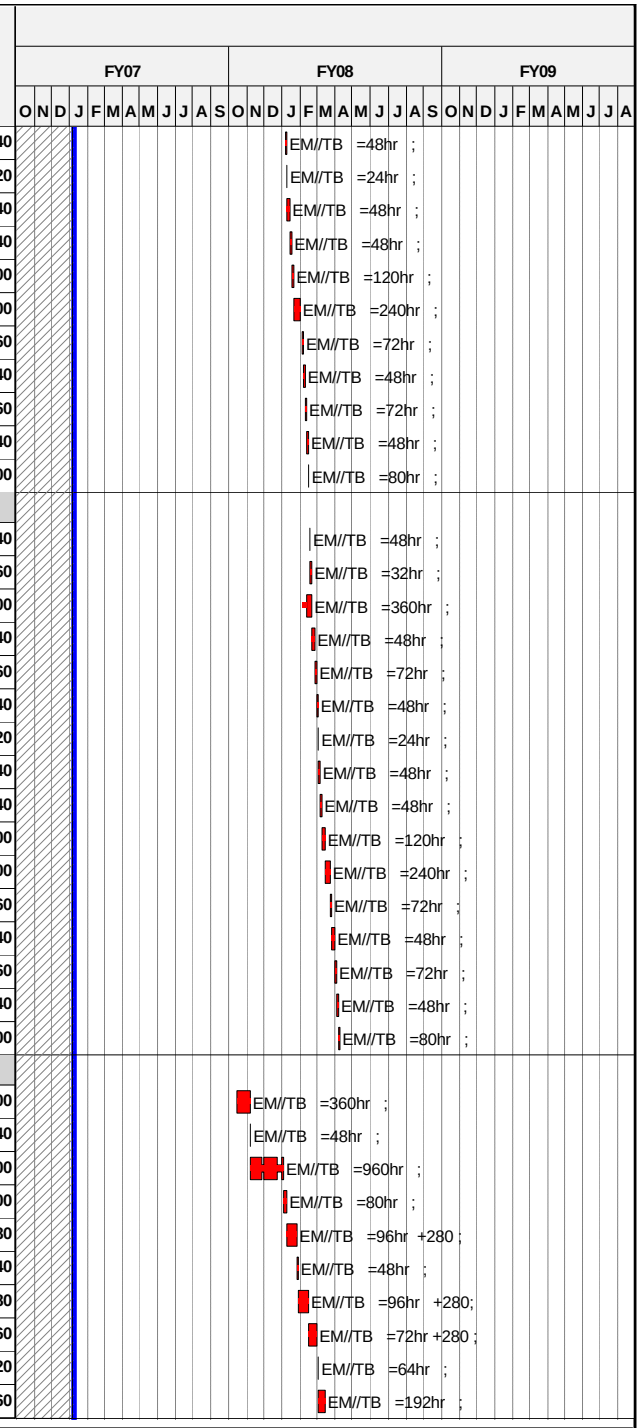
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
S3P2-104	Transfer load to supt sys and recheck position	08JAN08	2	09JAN08		82		0.00	3,938.40
S3P2-105	Move MC turning fixt; mount MC on crane	10JAN08	1	10JAN08		82		0.00	1,969.20
S3P2-106	Rotate left MC to stand-off position and check p	11JAN08	2	14JAN08		82		0.00	3,938.40
S3P2-107	Move left & right MC to final position & measure	15JAN08	2	16JAN08		82		0.00	3,938.40
S3P2-109	Bolt together at flange interface.	17JAN08	3	21JAN08	2	82		0.00	9,846.00
S3P2-108	Pot 3 packs together	22JAN08	9	01FEB08	2	82		0.00	19,692.00
S3P2-110	Perform final metrology position check	04FEB08	3	06FEB08	2	82		0.00	5,907.60
S3P2-110.1	Remove temp interference strips&sensors	07FEB08	2	08FEB08	2	82		0.00	3,938.40
S3P2-111	Secure VV to MC's using temporary supports.	11FEB08	3	13FEB08	2	82		0.00	5,907.60
S4P2-114	Prepare Field Period for shipment	14FEB08	1	14FEB08	2	82		0.00	3,938.40
S4P2-115	Transfer completed assy to C-site test cell	15FEB08	1	15FEB08	2	82		0.00	6,564.00
Station 3-Assemble Mod Coils and VVSA-FP#3									
S3P3-101	Mount VV to MC turning fixt base; metr check	18FEB08	2	19FEB08	2	82		0.00	3,938.40
S3P3-101.1	Attach local protective strips to VV&locate sens	20FEB08	2	21FEB08	2	82		0.00	2,625.60
S2P3-201	Assemble/Disassemble abc -abc6 (Stage 3 fixture)	12FEB08	8	21FEB08	2	82		0.00	29,538.00
S3P3-102	Mount MC on crane; perform metr checks	22FEB08	2	25FEB08		82		0.00	3,938.40
S3P3-103	Rotate right MC to stand-off position&chk	26FEB08	3	28FEB08		82		0.00	5,907.60
S3P3-104	Transfer load to supt sysand recheck position	29FEB08	2	03MAR08		82		0.00	3,938.40
S3P3-105	Move MC turning fixt; mount MC on crane	04MAR08	1	04MAR08		82		0.00	1,969.20
S3P3-106	Rotate left MC to stand-off position and check p	05MAR08	2	06MAR08		82		0.00	3,938.40
S3P3-107	Move left & right MC to final position & measure	07MAR08	2	10MAR08		82		0.00	3,938.40
S3P3-109	Bolt together at flange interface.	11MAR08	3	13MAR08	2	82		0.00	9,846.00
S3P3-108	Pot 3 packs together	14MAR08	7	24MAR08	2	82		0.00	19,692.00
S3P3-110	Perform final metrology position check	25MAR08	3	27MAR08	2	82		0.00	5,907.60
S3P3-110.1	Remove temp interference strips&sensors	28MAR08	2	31MAR08	2	82		0.00	3,938.40
S3P3-111	Secure VV to MC's using temporary supports.	01APR08	3	03APR08	2	82		0.00	5,907.60
S4P3-114	Prepare Field Period for shipment	04APR08	2	07APR08	2	82		0.00	3,938.40
S4P3-115	Transfer completed assy to C-site test cell	08APR08	1	08APR08	2	82		0.00	6,564.00
Station 5- Final FP Assy -FP#1 (in NCSX TC)									
S4P1-100	Testout Sta5 equipt & procedures	17OCT07	15	06NOV07		73		0.00	29,538.00
S4P1-101	Mount MC/VV assembly to support frame a	07NOV07	2	08NOV07		73		0.00	3,938.40
S4P1-102	Position and weld all ports to VV	09NOV07	30	02JAN08	2	73		0.00	78,768.00
S4P1-103	Inspect Welds	03JAN08	5	09JAN08		73		0.00	6,564.00
S4P1-104	Assemble left TF Coil Assembly check position	10JAN08	12	25JAN08		73		0.00	30,850.80
S4P1-105	Change platforms	28JAN08	2	29JAN08		73		0.00	3,938.40
S4P1-106	Assemble right TF Coil Assembly chk position	30JAN08	12	14FEB08		73		0.00	30,850.80
S4P1-107	Attach TF coils to MC's	15FEB08	11	29FEB08		73		0.00	28,881.60
S4P1-108	Change platforms	03MAR08	2	04MAR08		73		0.00	5,251.20
S4P1-109	Position, weld two large horizontal diag ports	05MAR08	8	14MAR08		73		0.00	15,753.60



Run Date 02FEB07 11:42

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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BASELINE SCHEDULE

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PRELIMINARY 2/1/07

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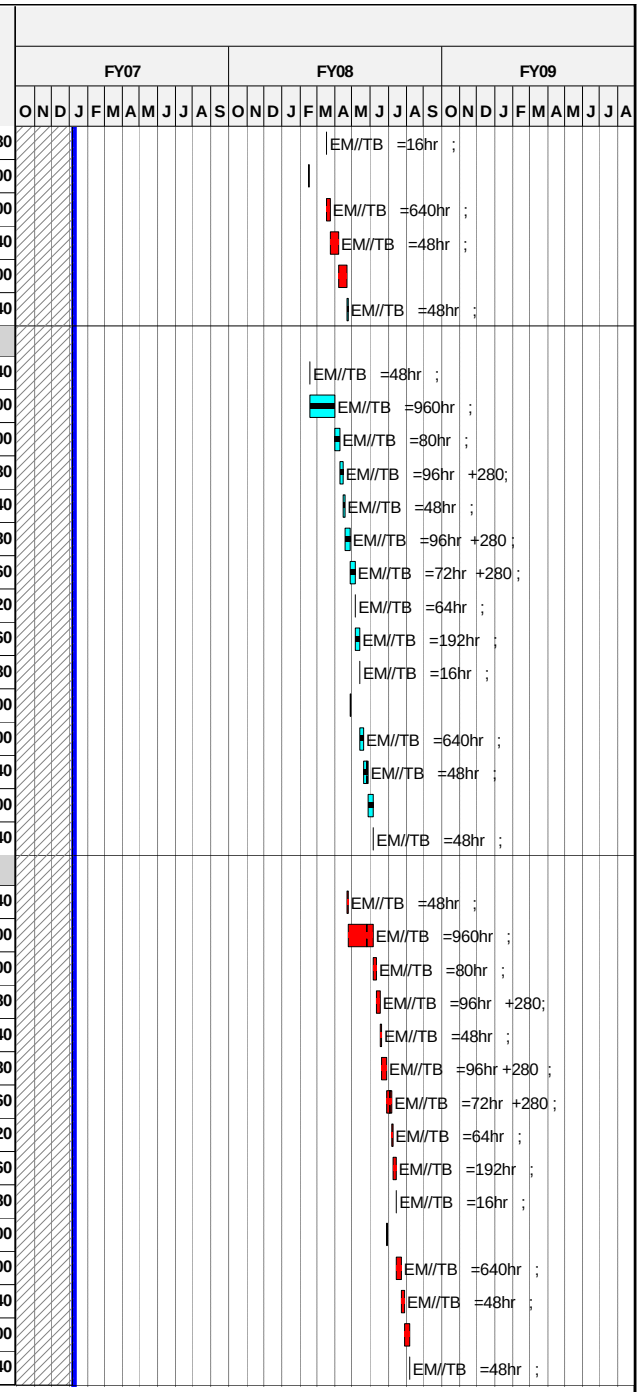
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
S4P1-110	Inspect Welds	17MAR08	1	17MAR08		73		0.00	1,312.80
S4P1-111	Assemble external trim coils (in wbs75)	15FEB08	0	14FEB08		95		0.00	0.00
S4P1-112	Close up VV, leak check	18MAR08	5	24MAR08	2	73		0.00	52,512.00
S4P1-113	Adjust final support base interfaces	25MAR08	10	07APR08		73		0.00	3,938.40
S4P1-113.5	Final metrology outside & inside	08APR08	10	21APR08		73		0.00	0.00
S3P1-112	Install on support platform	22APR08	2	23APR08		143		0.00	3,938.40
Station 5- Final FP Assy -FP#2 (in NCSX TC)									
S4P2-101	Mount MC/VV assembly to support frame a	18FEB08	2	19FEB08		89		0.00	3,938.40
S4P2-102	Position and weld all ports to VV	20FEB08	30	01APR08	2	89		0.00	78,768.00
S4P2-103	Inspect Welds	02APR08	5	08APR08		112		0.00	6,564.00
S4P2-104	Assemble left TF Coil Assembly check position	09APR08	6	16APR08	2	112		0.00	30,850.80
S4P2-105	Change platforms	17APR08	1	17APR08	2	112		0.00	3,938.40
S4P2-106	Assemble right TF Coil Assembly chk position	18APR08	6	25APR08	2	112		0.00	30,850.80
S4P2-107	Attach TF coils to MC's	28APR08	6	05MAY08	2	112		0.00	28,881.60
S4P2-108	Change platforms	06MAY08	1	06MAY08	2	112		0.00	5,251.20
S4P2-109	Position, weld two large horizontal diag ports	07MAY08	4	12MAY08	2	112		0.00	15,753.60
S4P2-110	Inspect Welds	13MAY08	1	13MAY08		112		0.00	1,312.80
S4P2-111	Assemble external trim coils (in wbs75)	28APR08	0	25APR08		124		0.00	0.00
S4P2-112	Close up VV, leak check	14MAY08	5	20MAY08	2	112		0.00	52,512.00
S4P2-113	Adjust final support base interfaces	21MAY08	5	28MAY08	2	112		0.00	3,938.40
S4P2-113.5	Final metrology outside & inside	29MAY08	5	04JUN08	2	112		0.00	0.00
S3P2-112	Install on support platform	05JUN08	2	06JUN08		112		0.00	3,938.40
Station 5- Final FP Assy -FP#3 (in NCSX TC)									
S4P3-101	Mount MC/VV assembly to support frame a	22APR08	2	23APR08	2	73		0.00	3,938.40
S4P3-102	Position and weld all ports to VV*2 shift*	24APR08	30	05JUN08	2	73		0.00	78,768.00
S4P3-103	Inspect Welds	06JUN08	3	10JUN08	2	73		0.00	6,564.00
S4P3-104	Assemble left TF Coil Assembly check position	11JUN08	6	18JUN08	2	73		0.00	30,850.80
S4P3-105	Change platforms	19JUN08	1	19JUN08	2	73		0.00	3,938.40
S4P3-106	Assemble right TF Coil Assembly chk position	20JUN08	6	27JUN08	2	73		0.00	30,850.80
S4P3-107	Attach TF coils to MC's	30JUN08	6	08JUL08	2	73		0.00	28,881.60
S4P3-108	Change platforms	09JUL08	1	09JUL08	2	73		0.00	5,251.20
S4P3-109	Position, weld two large horizontal diag ports	10JUL08	4	15JUL08	2	73		0.00	15,753.60
S4P3-110	Inspect Welds	16JUL08	1	16JUL08	2	73		0.00	1,312.80
S4P3-111	Assemble external trim coils (in wbs75)	30JUN08	0	27JUN08	2	85		0.00	0.00
S4P3-112	Close up VV, leak check	17JUL08	5	23JUL08	2	73		0.00	52,512.00
S4P3-113	Adjust final support base interfaces	24JUL08	5	30JUL08	2	73		0.00	3,938.40
S4P3-113.5	Final metrology outside & inside	31JUL08	5	06AUG08	2	73		0.00	0.00
S3P3-112	Install on support platform	07AUG08	2	08AUG08		73		0.00	3,938.40



Run Date 02FEB07 11:42

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

0701

NCSX
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BASELINE SCHEDULE

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PRELIMINARY 2/1/07

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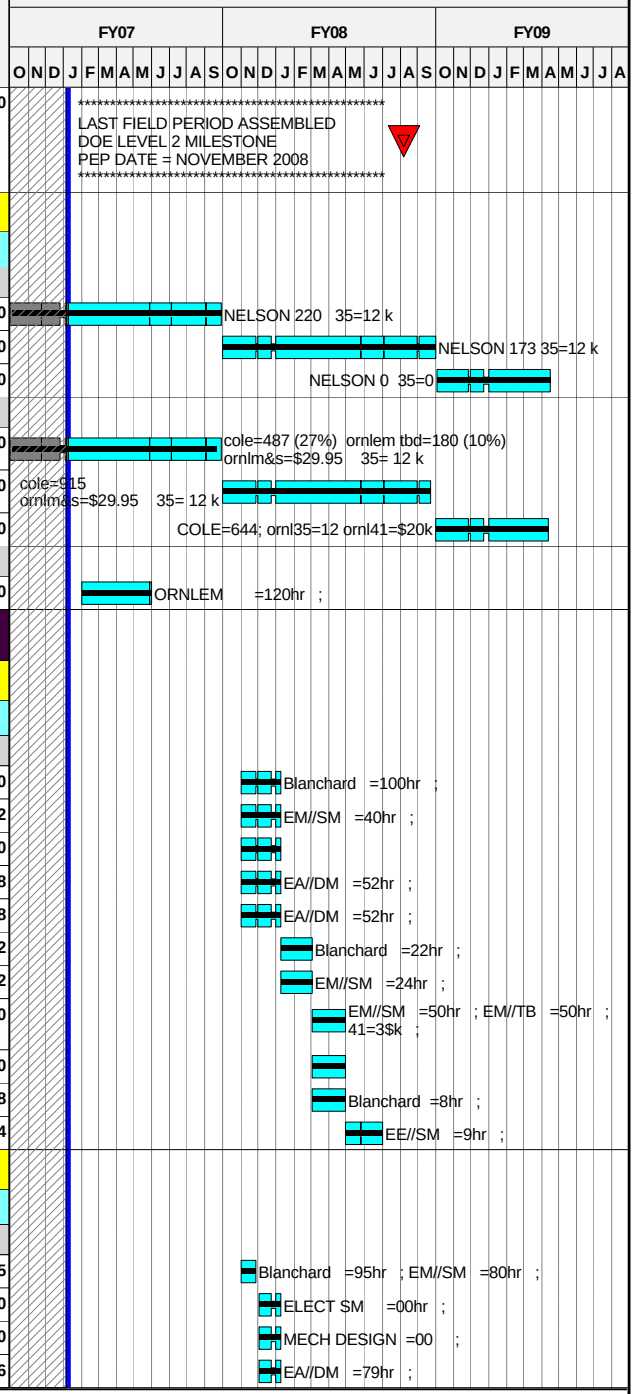
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
S4P3-115X	Last field period assembled		0	06AUG08	2	73		0.00	0.00
19 - Stellarator Core Management and Integration									
Job: 1901 - Stellarator Core Mngtt&Integr-COLE									
191 - Stellarator Core Management & Oversight									
0191-6X	LOE-FY07 WBS 191	01OCT06A	249*	28SEP07		500	LOE	12,330.98	49,522.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08		251	LOE	0.00	42,362.70
191-8	LOE-FY09 WBS 191	03OCT08*	130	15APR09		118	LOE	0.00	0.00
192 - Stellarator Core Integration & Analysis									
0192-6X	LOE-FY07 WBS 192	01OCT06A	249*	28SEP07		500	LOE	38,818.90	155,899.20
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08		256	LOE	0.00	201,419.90
0192-99	LOE-FY09	01OCT08*	130	13APR09		120	LOE	0.00	149,156.00
FY07 Rebaseline Exercise									
ECP53RBX13	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	20,244.00
2 - Plasma Heating, Fueling & Vac Systems									
21 - Fueling Systems									
Job: 2101 - Fueling Systems-BLAMCHARD									
ECP 16 October 2004									
21-10	Eng. Work Planning and Design	01NOV07*	40	08JAN08		148		0.00	16,391.00
21-15	Design Gas Handling Hardware	01NOV07	40	08JAN08		148		0.00	5,252.52
21-20	Design PLC Controls	01NOV07	40	08JAN08		188		0.00	0.00
21-25	Electrical Drafting for pumping system	01NOV07	40	08JAN08		188		0.00	6,356.48
21-30	Drafting	01NOV07	40	08JAN08		188		0.00	6,356.48
21-35	Eng. Work Planning and Design during fab	09JAN08	40	04MAR08		188		0.00	3,606.02
21-40	Fabrication/Install Hardware	09JAN08	40	04MAR08		148		0.00	3,232.32
21-45	Fabrication/installation	05MAR08	40	29APR08		148		0.00	15,051.50
21-55	Install PLC Controls	05MAR08	40	29APR08		148		0.00	0.00
21-60	Integrated Systems Testing/Eng	05MAR08	40	29APR08		148		0.00	1,311.28
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08		148		0.00	1,306.44
22 - Torus Vacuum Pumping Systems									
Job: 2201 - Vacuum Pumping Systems-BLANCHARD									
22-25	Eng. Work Planning and Design	01NOV07*	20	28NOV07		357		0.00	26,345.85
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08		437		0.00	0.00
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08		377		0.00	0.00
22-40	Drafting	03DEC07	20	08JAN08		357		0.00	9,656.96



Run Date 02FEB07 11:42

ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

0701

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BASELINE SCHEDULE

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PRELIMINARY 2/1/07

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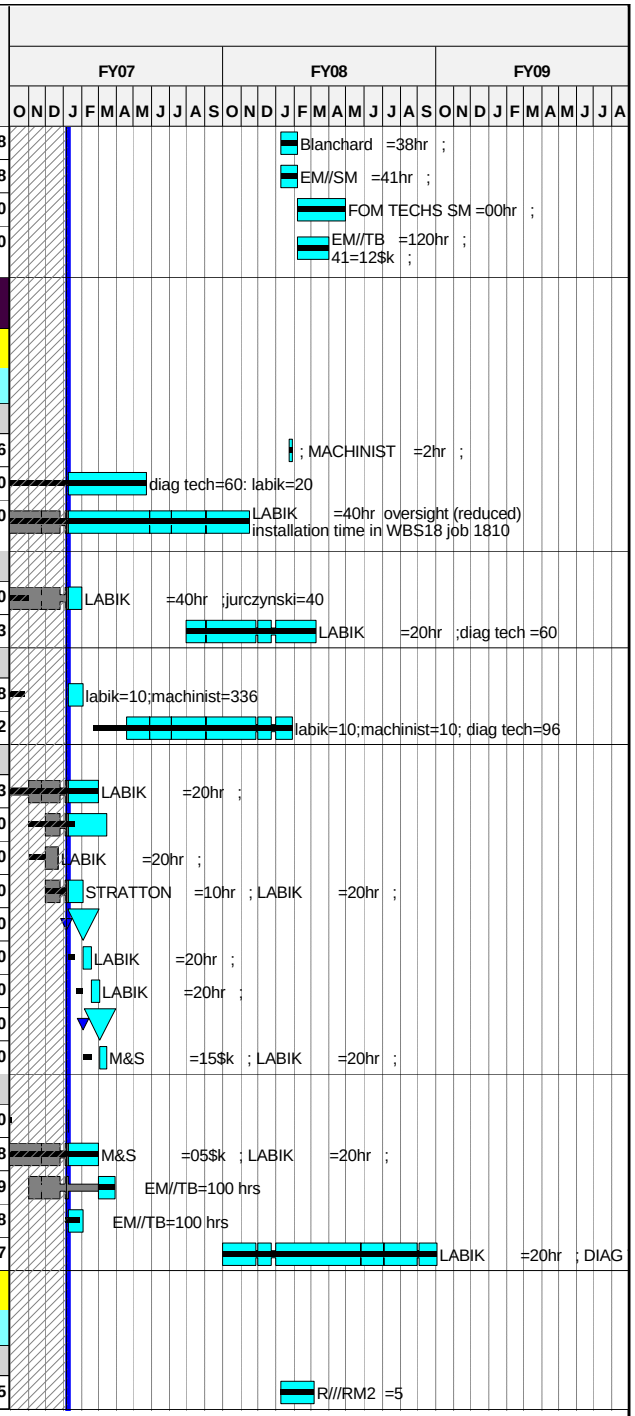
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
22-45	Eng. Work Planning and Design during fab	09JAN08	20	05FEB08		357		0.00	6,228.58
22-50	Perform maint. & repair of pmpg sys	09JAN08	20	05FEB08		357		0.00	5,521.88
22-55	Repair and Calibration vac instrumentation*N/R*	06FEB08	60	29APR08		357		0.00	0.00
22-60	Fabrication/installation	06FEB08	40	01APR08		377		0.00	26,706.00
3 - Diagnostics									
31 - Magnetic Diagnostics									
Job: 3101 - Magnetic Diagnostics-STRATTON									
Vacuum Vessel Saddle Loops									
3101-154	Fab Installation Templates (for spacers)	24JAN08	5	30JAN08		202		0.00	269.36
3101-165	Identify lead wires at multiple locations	08JAN07*	96*	21MAY07		591	LOE	0.00	7,829.80
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01AUG06A	327*	16NOV07		465	LOE	2,048.37	6,381.20
Modular Coil C-wound Loops									
3101-230	Install heat shrink tubing on MI cable	31JAN06A	252*	01FEB07		205	50	5,945.76	11,891.50
3101-231	Terminate MC co-wound loops	01AUG07*	149*	10MAR08		393		0.00	11,214.23
Saddle Loop Termination Boxes									
3101-517	Fab termination boxes (24)	08JAN07*	20	02FEB07		667		0.00	27,883.88
3101-517A	Install termination boxes	20APR07	192*	30JAN08		94		0.00	10,060.72
Rogowski Coils									
3101-305	coil design	03OCT05A	221*	28FEB07		649	50	1,675.07	3,350.13
3101-312	Mandrel prototype	01DEC06A	50	16MAR07		637	20	0.00	0.00
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01DEC06A	20	22DEC06A				3,130.00	3,130.00
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06A	20	02FEB07		120	90	4,282.47	4,758.30
3101-318	PDR - ROWGOWSKI COIL		0	02FEB07*		120		0.00	0.00
3101-321	Specify Rogowski Coils	05FEB07*	10	16FEB07		120		0.00	3,130.00
3101-325	FDR PREP ROWGOSKI COIL	19FEB07*	10	02MAR07		120		0.00	3,130.00
3101-326	FDR - ROWGOSKI COIL		0	02MAR07		120		0.00	0.00
3101-329	FAB ROWGOWSKI COILS (2)	05MAR07	10	16MAR07		120		0.00	22,750.00
TF and PF Co-wound Loops									
3101-405	DESIGN TERMINATION N/R	08JAN07	1	08JAN07		686		0.00	0.00
3101-417	PROCURE MATERIALS	01MAY06A	207*	28FEB07		200	90	9,007.82	10,008.68
3101-425	INSTALL HEAT SHRINK CABLE(for 3 TF coils)	01NOV06A	20	28MAR07		200	11	284.34	2,584.89
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	08JAN07*	20	02FEB07		437		0.00	5,169.78
3101-429	INSTALL TERMINATIONS	03OCT07*	251	03OCT08		247		0.00	8,207.07
36 - Edge and Divertor Diagnostics									
Job: 3601 - Edge Divertor Diagnostics-STRATTON									
361-001	Design Visible Camera sys	11JAN08*	40	06MAR08		101		0.00	856.55



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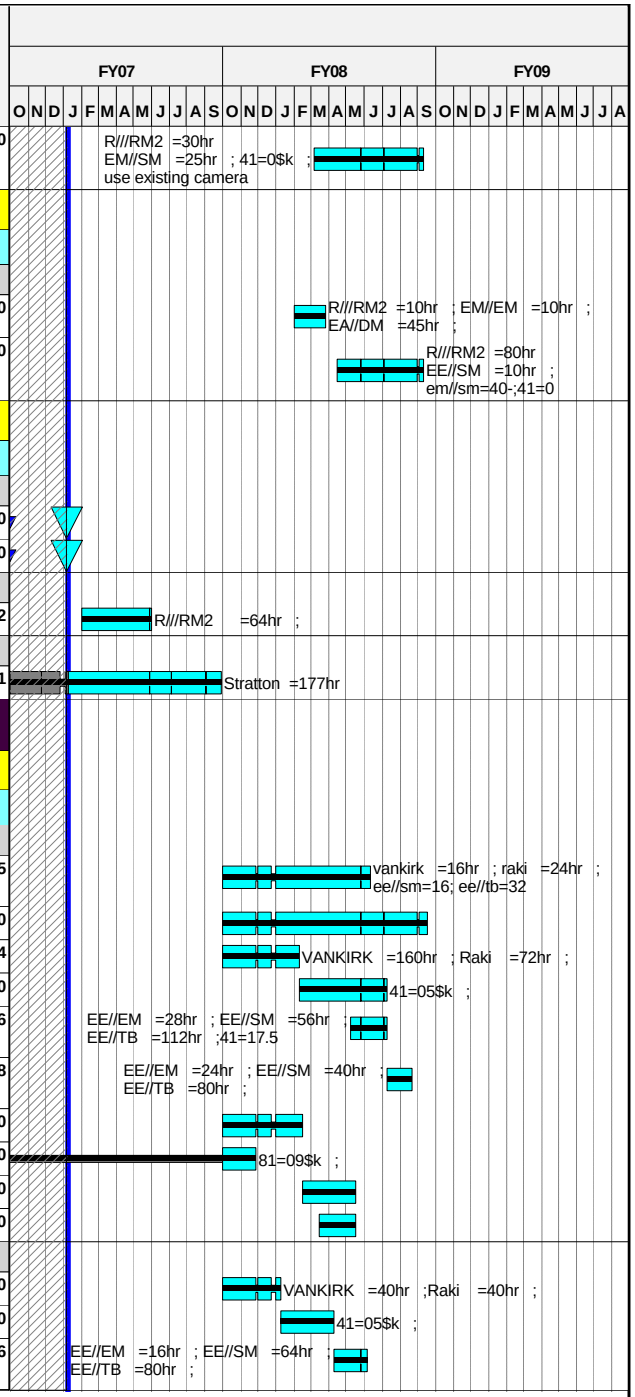
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
361-015	Fab/Assy/Installation Visible Camera	07MAR08*	130	09SEP08		101		0.00	8,506.30
38 - Electron Beam (EB) Mapping									
Job: 3801 - Electron Beam Mapping-STRATTON									
380-010	Design-Beam Probe,Fluor. Screen	01FEB08*	40	27MAR08		114		0.00	8,853.00
380-015	Fab & Install Beam probe	16APR08	102	09SEP08		101		0.00	20,543.60
39 - Diagnostics Integration									
Job: 3901 - Diagnostics sys Integration-STRATTON									
Prior Costs									
390-140	Write ICD's-Define external space for diagnostic		0	05JAN07*		687	50	0.00	0.00
390-150	Write ICD's-Define space f/racks in cntrl rm		0	05JAN07*		687	50	0.00	0.00
FY07 Rebaseline Exercise									
ECP53RBX14	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	10,421.12
390-03	LOE Support FY07	01OCT06A	249*	28SEP07		500	LOE	7,176.41	28,820.91
4 - Electrical Power Systems									
41 - AC Power									
Job: 4101 - AC Power-RAMAKRISHNAN									
411 - Auxiliary AC Power Systems									
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08		327		0.00	1,122.95
411-1-100	Ex-Test cell AC pwr-Reactiv.&new instl**GPP TASK	01OCT07*	241	17SEP08	GPP	259		0.00	0.00
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08		114		0.00	32,293.04
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08		114		0.00	7,025.00
411-2-6	Grounding-Install	09MAY08*	43	10JUL08		114		0.00	47,140.66
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08		114		0.00	16,816.88
411-3-2	Test Cell AC Power Distr-Dsn**GPP TASK**	01OCT07*	90	14FEB08	GPP	181		0.00	0.00
411-3-4	TC AC Pwr Distr-Procure(pnls&xfrmrs)**GPP TASK**	01JUL05A	108*	28NOV07	GPPX	457	20	9,050.00	9,050.00
411-3-6	Test Cell AC Power Distr-Install**GPP TASK**	15FEB08	65	15MAY08	GPP	181	100	16,280.00	16,280.00
411-3-8	Test Cell AC Power Distr-Commission**GPP TASK**	14MAR08*	45	15MAY08	GPP	181		0.00	0.00
412 - Experimental AC Power Systems									
412-1-2	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08		103		0.00	11,964.40
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08		103		0.00	7,025.00
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08		103		0.00	18,885.76



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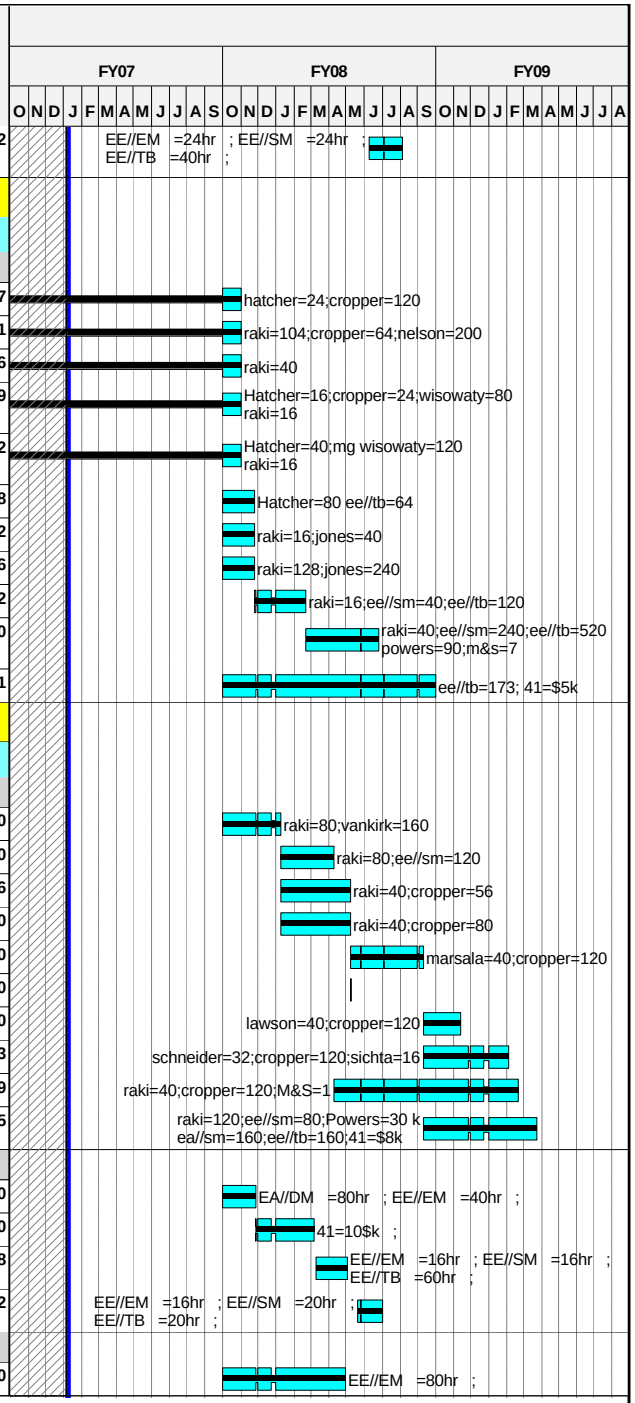
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	*40*	04AUG08		***103***		0.00	**11,111.52**
43 - DC Systems									
Job: 4301 - DC Systems-RAMAKRISHNAN									
431 - C-Site DC Systems									
431-200	Condition/spare parts inventory	01OCT04A	*394**	31OCT07		***477***	***95***	17,069.76	**17,968.17**
431-210	Organize & verify documentation	01OCT04A	*394**	31OCT07		***477***	***95***	43,497.18	**45,786.51**
431-215	Document status	01OCT04A	*394**	31OCT07		***477***	***90***	5,789.39	**6,432.66**
431-225	Reactivate DF & PEI units	01JUL05A	*209**	31OCT07		***477***	***90***	13,194.28	**14,689.69**
431-230	Load test	01JUL05A	*209**	31OCT07		***477***	***90***	16,984.57	**18,901.12**
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	*40*	23NOV07		***460***		0.00	**19,562.08**
431-250	c-site dc sys DGS dsn documentation	01OCT07*	*40*	23NOV07		***460***		0.00	**7,719.52**
431-261	Redo power loop design	01OCT07*	*40*	23NOV07		***179***		0.00	**51,976.96**
431-265	Fabricate bus components	26NOV07*	*55*	21FEB08		***179***		0.00	**18,784.72**
431-275	Power cabling & Installation	22FEB08*	*88*	25JUN08		***179***		0.00	**222,174.60**
431-276	Maint of C-site rectifiers	01OCT07*	*249*	29SEP08		***251***		0.00	**21,655.61**
44 - Control and protection Systems									
Job: 4401 - Control & Protection-RAMAKRISHNAN									
441 - Electrical Interlocks									
441-095	Design Interlock sys	01OCT07*	*65*	10JAN08		***135***		0.00	**33,708.00**
441-097	Install Interlock sys	11JAN08	*65*	10APR08		***156***		0.00	**31,568.80**
441-100	PLC Specification	11JAN08	*85*	08MAY08		***135***		0.00	**15,203.76**
441-105	Prep Block diagrams	11JAN08	*85*	08MAY08		***135***		0.00	**18,687.60**
441-110	PLC CWD's & Cabling	09MAY08*	*85*	09SEP08		***135***		0.00	**24,494.00**
441-115	deliver PLC**DELETED ECP53**	09MAY08*	*0*	08MAY08		***350***		0.00	**0.00**
441-120	Program PLC Logic	10SEP08	*45*	11NOV08		***220***		0.00	**25,471.60**
441-125	Program Control pages	10SEP08	*97*	04FEB09		***168***		0.00	**26,809.43**
441-130	Pre-commissioning tests	11APR08	*214*	20FEB09		***156***		0.00	**26,558.49**
441-135	Install I/O Cabling	10SEP08	*130*	23MAR09		***135***		0.00	**123,986.15**
442 - Kirk Key Interlocks									
442-1-2	Kirk Keys-Dsn	01OCT07*	*41*	26NOV07		***127***		0.00	**16,854.00**
442-1-4	Kirk Keys-Procure	27NOV07	*65*	07MAR08		***127***		0.00	**14,050.00**
442-1-6	Kirk Keys-Install	10MAR08	*40*	02MAY08		***127***		0.00	**45,351.68**
442-1-8	Kirk Keys-Commission	19MAY08	*30*	30JUN08		***127***		0.00	**7,424.52**
443 - Real Time Control Systems									
443-1-2	Develop Control Algorithms-Dsn	01OCT07*	*142*	28APR08		***150***		0.00	**14,149.60**



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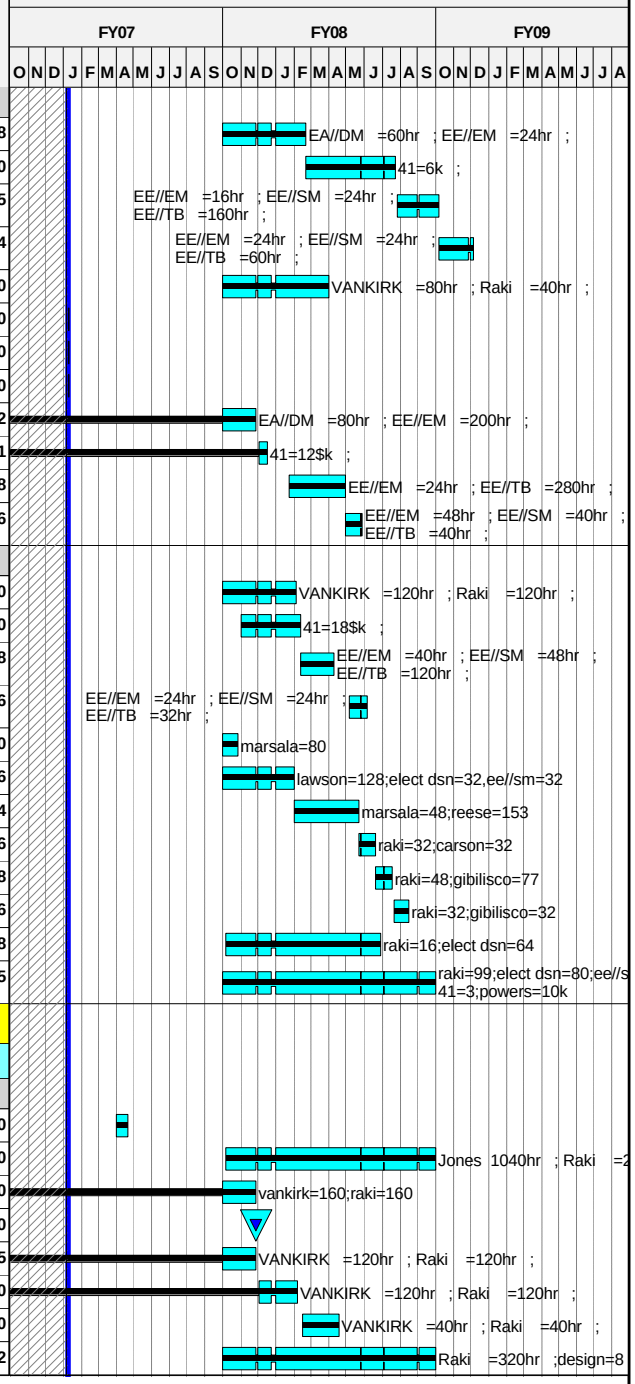
444 - Instrument Systems									
444-2-2	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08		205		0.00	11,579.28
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08		205		0.00	8,430.00
444-2-6	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08		205		0.00	19,961.55
444-2-8	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08		205		0.00	13,569.84
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08		378		0.00	16,854.00
444-3-4	DC Shunts-Procure**N/R**	08JAN07	0	05JAN07		687		0.00	0.00
444-3-6	DC Shunts-Install**N/R**	08JAN07	0	05JAN07		687		0.00	0.00
444-3-8	DC Shunts-Commission**N/R**	08JAN07	0	05JAN07		687		0.00	0.00
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07		367	15	6,253.28	41,688.52
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07		336	15	2,427.83	16,185.51
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08		336		0.00	27,924.48
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08		336		0.00	17,678.96
445 - Coil Protection Systems									
445-1-2	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08		151		0.00	35,893.20
445-1-4	Ground Fault Protection-Procure	01NOV07*	65	12FEB08		145		0.00	25,290.00
445-1-6	Ground Fault Protection-Install	13FEB08*	40	08APR08		145		0.00	24,190.88
445-1-8	Ground Fault Protection-Commission	07MAY08	20	04JUN08		145		0.00	10,434.96
445-2-105	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07		480		0.00	14,149.60
445-2-110	Overload Protect-Design	01OCT07*	80	31JAN08		281		0.00	31,196.16
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08		281		0.00	30,699.24
445-2-120	Overload Protect-Test 4 units	22MAY08	20	19JUN08		281		0.00	10,304.96
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08		281		0.00	19,667.08
445-2-130	Overload Protect-Write & perform ISTP	21JUL08	20	15AUG08		281		0.00	10,304.96
445-2-135	Overload Protect-Documentation	08OCT07*	180	27JUN08		315		0.00	10,653.28
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08		251		0.00	60,205.25
45 - Power System Design and Integration									
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN									
451 - System Design & Interfaces									
451-0-2	Develop SRD	02APR07*	15	20APR07		612		0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08		250		0.00	169,578.40
451-2-2	PDR Prep Power system -Dsn	03APR06A	86*	28NOV07		417	20	9,328.48	46,642.40
451-2-3	PDR Power system -Dsn		0	28NOV07		457		0.00	0.00
451-6-2	FDR C-Site -Cabling	01SEP05A	186*	28NOV07		457	5	1,707.11	34,142.25
451-2-2.1	FDR C-Site	01NOV05A	101	05FEB08		417	2	691.75	34,587.50
451-4-2	FDR AC auxiliaries & grounding-Dsn	15FEB08*	45	17APR08		365		0.00	11,964.40
451-1-2	Calculations-Dsn	01OCT07*	249	29SEP08		251		0.00	57,576.32



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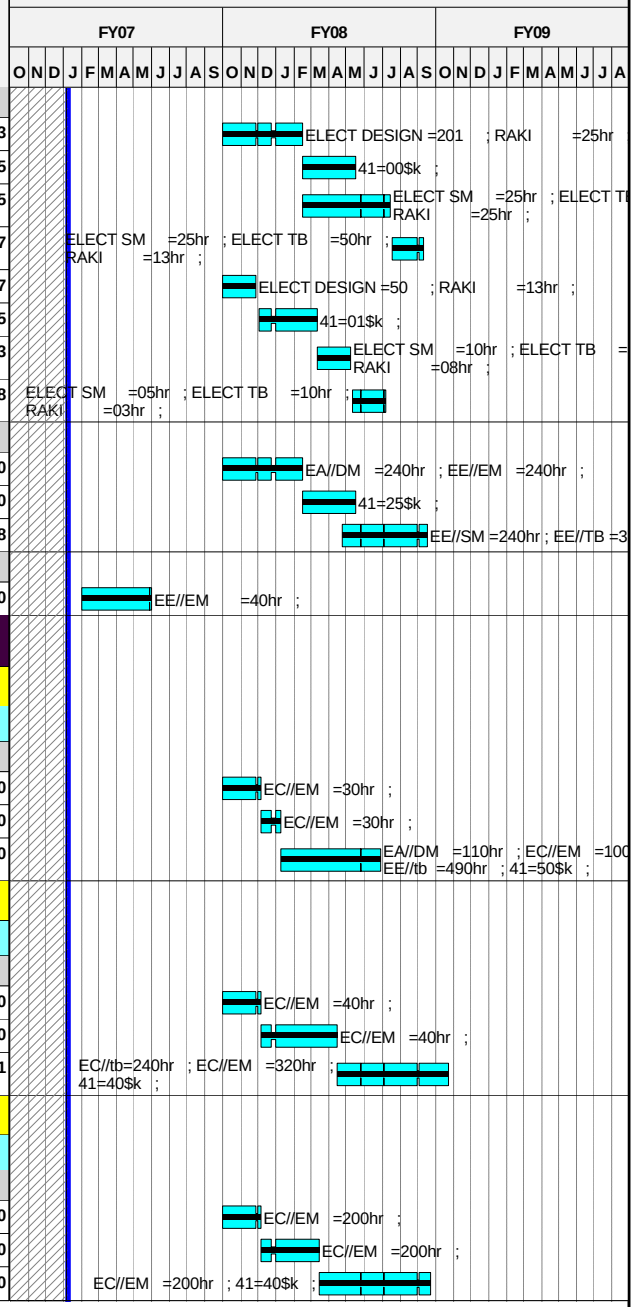
452 - Electrical Systems Support									
452-1-2	Diagnostics AC Power Distr-Dsn	01OCT07*	*90*	14FEB08		***101***		0.00	**29,069.73**
452-1-4	Diagnostics AC Power Distr-Procure	15FEB08	*65*	15MAY08		***141***		0.00	**435.55**
452-1-6	Diagnostics AC Power Distr-Install	15FEB08	*105*	14JUL08		***101***		0.00	**25,137.05**
452-1-8	Diagnostics AC Power Distr-Commission	18JUL08	*37*	09SEP08		***101***		0.00	**10,138.57**
452-2-2	Diagnostics sensor cabling-Dsn	01OCT07*	*43*	28NOV07		***145***		0.00	**8,381.57**
452-2-4	Diagnostics sensor cabling-Procure	03DEC07	*65*	11MAR08		***145***		0.00	**885.15**
452-2-6	Diagnostics sensor cabling-Install	12MAR08	*43*	09MAY08		***145***		0.00	**7,055.23**
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	*40*	08JUL08		***145***		0.00	**2,027.48**
453 - System Testing (PTP's)									
453-1-2	New Procedures	01OCT07*	*90*	14FEB08		***153***		0.00	**71,786.40**
453-1-4	Preop Testing-Procure test equipt	15FEB08*	*65*	15MAY08		***188***		0.00	**35,125.00**
453-1-8	Testing PTPs, ISTPs	25APR08*	*100*	16SEP08		***103***		0.00	**216,522.88**
FY07 Rebaseline Exercise									
ECP53RBX15	FY07 Rebaseline exercise	01FEB07*	*85**	31MAY07		***584***		0.00	**6,755.20**
5 - Central I&C Systems									
51 - TCP/IP Infrastructure Systems									
Job: 5101 - TCP/IP Infrastructure Systems-SICHTA									
51-10	Preliminary Design (Title I)	01OCT07*	*45*	04DEC07		***227***		0.00	**4,572.90**
51-20	Final Network Design (Title II)	05DEC07	*20*	10JAN08		***227***		0.00	**4,572.90**
51-30	Installation, Testing, Documentation (Title III)	11JAN08	*120*	27JUN08		***227***		0.00	**140,378.70**
52 - Central Instrumentation & Control									
Job: 5201 - I&C Systems-SICHTA									
52-10	Preliminary Design (Title I)	01OCT07*	*45*	04DEC07		***145***		0.00	**6,097.20**
52-20	Final Design (Title II)	05DEC07	*87*	14APR08		***145***		0.00	**6,097.20**
52-30	Installation, Testing, Documentation (Title III)	15APR08	*135*	23OCT08		***145***		0.00	**123,578.01**
53 - Data Acquisition & Facility Computing									
Job: 5301 - Data Acquisition-SICHTA									
53-10	Preliminary Design (Title I)	01OCT07*	*45*	04DEC07		***167***		0.00	**30,486.00**
53-20	Final Design (Title II)	05DEC07	*65*	13MAR08		***167***		0.00	**30,486.00**
53-30	Coding, Configuration, Testing (Title III)	14MAR08	*135*	23SEP08		***167***		0.00	**86,686.00**



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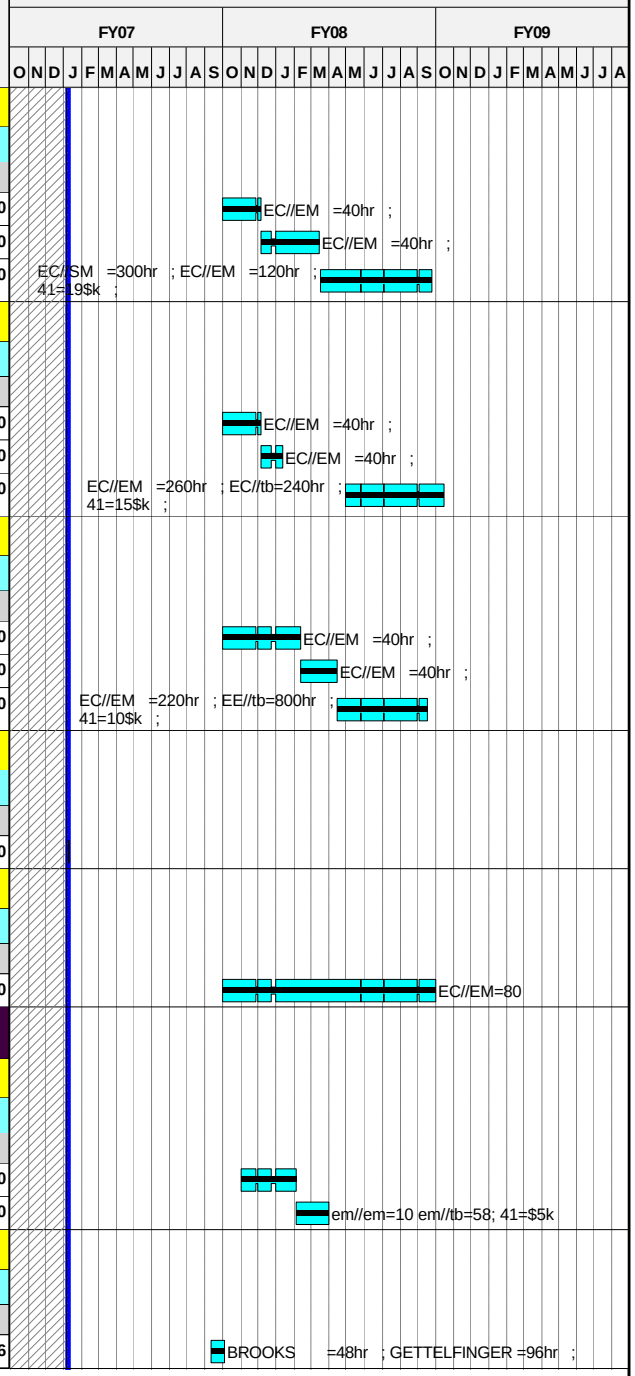
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
54 - Facility Timing & Synchronization									
Job: 5401 - Facility Timing & Synchron.-SICHTA									
54-10	Preliminary Design (Title I)	02OCT07*	*45*	05DEC07		***166***		0.00	**6,097.20**
54-20	Final Design (Title II)	06DEC07	*65*	14MAR08		***166***		0.00	**6,097.20**
54-30	Installation, Testing, Documentation (Title III)	17MAR08	*135*	24SEP08		***166***		0.00	**67,387.60**
55 - Real Time Plasma & Power Supply Control Sys									
Job: 5501 - Real Time Control System-SICHTA									
55-10	Preliminary Design (Title I)	02OCT07*	*45*	05DEC07		***226***		0.00	**6,097.20**
55-20	Final Design (Title II)	06DEC07	*20*	11JAN08		***226***		0.00	**6,097.20**
55-30	Installation, Testing, Documentation (Title III)	29APR08	*120*	16OCT08		***150***		0.00	**79,025.00**
56 - Central Safety Interlock Systems									
Job: 5601 - Central Safety Interlock Syst-SICHTA									
56-10	Preliminary Design (Title I)	02OCT07*	*87*	12FEB08		***171***		0.00	**6,097.20**
56-20	Final Design (Title II)	13FEB08	*45*	15APR08		***171***		0.00	**6,097.20**
56-30	Installation, Testing, Documentation (Title III)	16APR08	*108*	17SEP08		***171***		0.00	**113,224.60**
57 - Control Room Facility									
Job: 5701 - Control Room Facility-SICHTA									
57-10		08JAN07	*0*	05JAN07		***687***		0.00	**0.00**
58 - Central I&C management and Integration									
Job: 5801 - Central I&C Integr& Oversight-SICHTA									
58-FY07	FY07 LOE support	02OCT07*	*249**	30SEP08		***250***	***LOE***	0.00	**12,194.40**
6 - Facility Systems									
61 - Water Systems									
Job: 6101 - Water Systems-DUDEK									
613 - Vacuum Pumping System									
623.011	Design WBS 612 **N/R**	01NOV07*	*59*	04FEB08		***209***		0.00	**0.00**
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	*40*	31MAR08		***209***		0.00	**13,423.00**
62 - Cryogenic Systems									
Job: 6200 - Cryost Cooling Conc Dsn-GETTELFINGER									
6200-505	Analyze thermal response.Deter perf reqmts	13SEP07*	*15*	03OCT07		***106***		0.00	**23,926.56**



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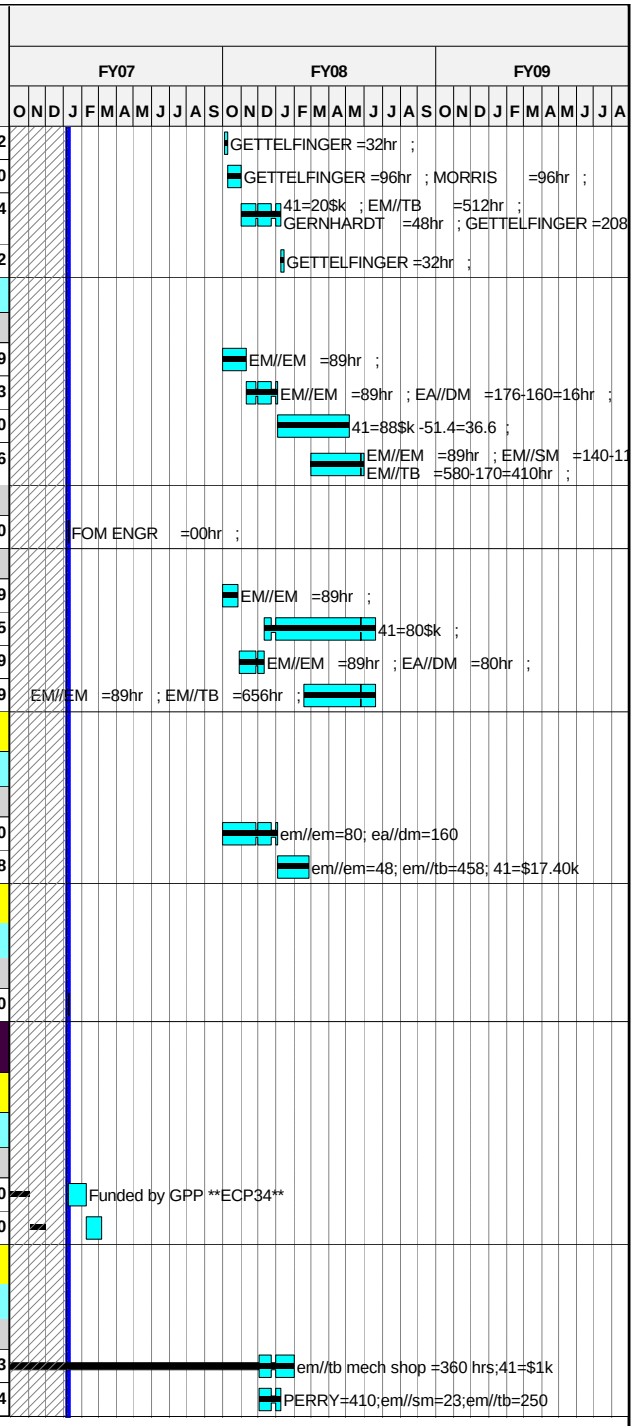
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
6200-510	Peer review of thermal model & perf requirements	04OCT07	5	10OCT07		106		0.00	5,245.12
6200-515	Conceptual design for cryostat cooling sys (CCS)	11OCT07	15	31OCT07		106		0.00	27,470.40
6200-520	Prototype CCS elements in CTF use a MC as load.	01NOV07*	40	08JAN08		106		0.00	112,692.64
6200-525	Conduct CDR for cryostat cooling system design.	09JAN08	5	15JAN08		106		0.00	5,245.12
Job: 6201 - Cryogenic Systems-DUDEK									
621 - LN2-LHe Supply System									
631-001	Preliminary Design	01OCT07*	30	09NOV07		247		0.00	14,587.99
631-010	Final Design**reduced scope	12NOV07	30	03JAN08		247		0.00	16,543.83
631-020	Procurement **reduced scope	04JAN08	88	06MAY08		247		0.00	123,078.00
631-015	Fab/Assy/Installation**reduced scope	29FEB08	65	30MAY08		247		0.00	68,281.06
622 - LN2 Coil Cooling Supply									
632-001	**deleted scope	08JAN07	0	05JAN07		687		0.00	0.00
623 - GN2 Cryostat Cooling System									
633-001	Preliminary Design	01OCT07*	20	26OCT07		232		0.00	14,587.99
633-020	Procurement	12DEC07	130	20JUN08		232		0.00	112,329.75
633-010	Final Design	29OCT07	30	11DEC07		232		0.00	24,367.19
633-015	Fab/Assy/Installation	19FEB08	88	20JUN08		232		0.00	68,412.79
63 - Utility Systems									
Job: 6301 - Utility Systems-DUDEK									
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08		244		0.00	32,671.20
640.021	Assembly/Fabrication	03JAN08	40	27FEB08		244		0.00	70,455.58
64 - PFC/VV Heating & Cooling*ELIMINATED*									
Job: 6401 - PFC/VV Htng/Cooling(bakeout)-tDUDEK									
650.001	Eliminated scope	08JAN07	0	05JAN07		687		0.00	0.00
7 - Test Cell Preparation and Machine Assy									
72 - Control Room Refurbishment									
Job: 7201 - Control Room Walls&Floors-PERRY									
710.001	Install Wall east side control room	08JAN07*	24	08FEB07		645		0.00	0.00
711B.050	Complete Control Room Flooring **post CD-4**	09FEB07*	18	06MAR07		645		0.00	0.00
73 - Platform Design & Fabrication									
Job: 7301 - Platform Design & Fab-PERRY									
711A.040	Platform nut plates	01APR05A	166*	31JAN08		169	90	25,880.16	28,755.73
712.020	Platform Parts	03DEC07*	22	10JAN08		184		0.00	25,249.24



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ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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BASELINE SCHEDULE

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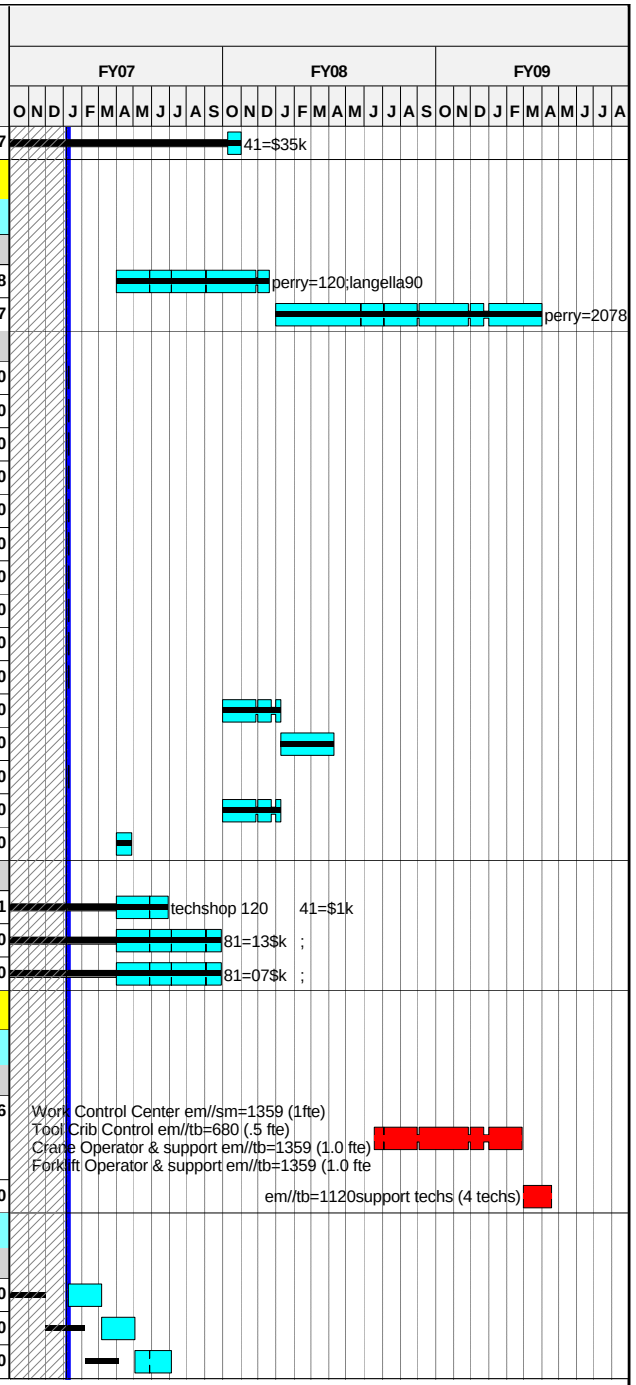
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT07		226	80	36,609.50	45,761.87
74 - Machine Assembly Planning and Oversight									
Job: 7401 - TC Prep & Mach Assy Planning-PERRY									
Project Scope									
714.020	LOE FY06 prior to assy starting	02APR07*	185*	21DEC07		442		0.00	31,717.88
714.030	LOE FY07 thru first plasma	02JAN08*	313*	31MAR09		129		0.00	634,931.07
FED/Infrastructure Support (non Project cost)									
GPP006	GPP-Test Cell HVAC/dew point control Design*TBD	08JAN07	0	05JAN07		687		0.00	0.00
GPP006.1	GPP-Test Cell HVAC/dew point control InstallTBD	08JAN07*	0	05JAN07		687		0.00	0.00
GPP007	GPP-C-Site elevators Design	08JAN07*	0	05JAN07		687		0.00	0.00
GPP007.1	GPP-C-Site elevators Install	08JAN07	0	05JAN07		687		0.00	0.00
GPP008	GPP-Fire suppression high bay design*TBD*	08JAN07	0	05JAN07		687		0.00	0.00
GPP008.1	GPP-Fire suppression high bay install*TBD*	08JAN07	0	05JAN07		687		0.00	0.00
GPP009	Control Room Lights & Outlets design*TBD*	08JAN07	0	05JAN07		623		0.00	0.00
GPP009.1	Control Room Lights & Outlets install*TBD*	08JAN07	0	05JAN07		623		0.00	0.00
GPP010	Control Room HVAC Design **TBD**	08JAN07	0	05JAN07		623		0.00	0.00
GPP010.1	Control Room HVAC Install **TBD**	08JAN07	0	05JAN07		623		0.00	0.00
GPP011	Control Room Ceiling Design	01OCT07*	64	09JAN08		372		0.00	0.00
GPP011.1	Control Room Ceiling Install	10JAN08	64	08APR08		372		0.00	0.00
GPP012	Control Rm Fire Detection & Suppression Design	08JAN07*	0	05JAN07		559		0.00	0.00
GPP012.1	Control RmFire Detection & Suppression Install	01OCT07*	64	09JAN08		372		0.00	0.00
GPPCRANE	Upgrade NCSX test cell crane	02APR07*	20	27APR07		192		0.00	0.00
Test Cell Modifications & Upgrades									
613.030	Test Cell copper ground plane cuts	01JUL05A	130	29JUN07		563	80	8,375.12	10,468.91
7502-001	Test Cell 110v outlets GPP SCOPE TO COMPLETE	01APR05A	256*	28SEP07	GPPX	500	100	13,220.00	13,220.00
7502-002	Test Cell 208v outlets GOO SCOPE TO COMPLETE	01APR05A	256*	28SEP07	GPPX	500	100	6,610.00	6,610.00
75 - Test Cell and Basement Assembly Operations									
Job: 7501 - Construction Support Crew-PERRY									
7501-05	Construction Support Crew during machine assy	17JUN08	173*	27FEB09		73		0.00	477,820.26
7501-06	Construction Support Crew e-beam mapping&ISTP	02MAR09	35*	17APR09		73		0.00	97,395.20
Job: 7502 - Test Cell Facility Prep-PERRY									
7502-020	Resurface TC floor**DELETED**	08JAN07*	42	06MAR07		561		0.00	0.00
7502-030	TC Floor firesealing**DELETED**	07MAR07	42	03MAY07		561		0.00	0.00
7502-035	Control room firesealing**DELETED**	04MAY07	42	03JUL07		561		0.00	0.00



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ECP53 BASELINE
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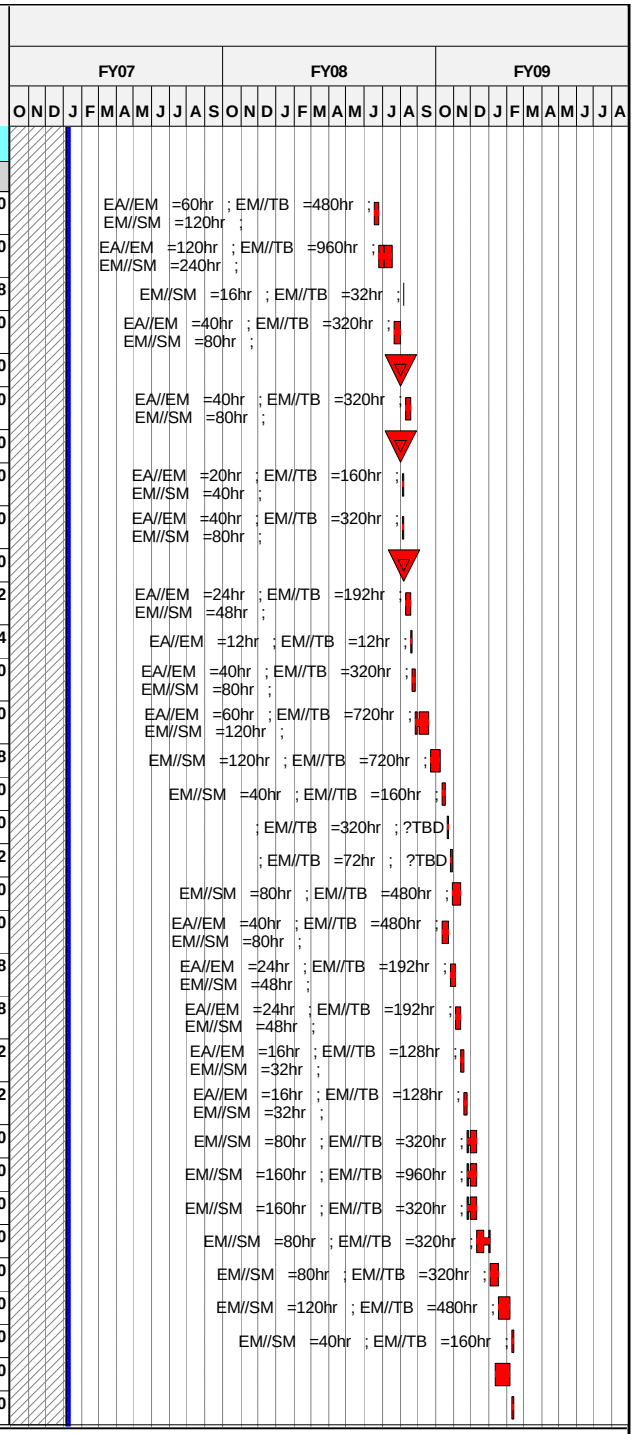
Job: 7503 - Machine Assembly (station 6)-PERRY

Revised Assembly Logic (ecp18)

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
7503-020	Install & Level Support Base Plates	17JUN08	8	26JUN08	2	73		0.00	66,907.80
7503-030	Install/Level FPA's and Spool Piece supports	27JUN08	15	18JUL08	2	73		0.00	133,815.60
7503-060	Install Lower PF 4,5&6 into prelim position	07AUG08	2	08AUG08		73		0.00	4,780.48
7503-070	Install 3 Spool Pieces on fixt & test movement	21JUL08	10	01AUG08		73		0.00	44,605.20
7503-080	FPA-1 Installed on support platform		0	01AUG08		73		0.00	0.00
7503-090	Install local Platforms around FPA-1	12AUG08	5	18AUG08	2	73		0.00	44,605.20
7503-110	FPA-2 Installed on support platform		0	01AUG08		73		0.00	0.00
7503-120	Test movement of FPA-1& -2 & position checks.	04AUG08	5	08AUG08		73		0.00	22,302.60
7503-130	Install local Platforms around FPA-2	06AUG08	3	08AUG08		73		0.00	44,605.20
7503-150	FPA-3 Installed on support platform		0	08AUG08		73		0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC Interface	11AUG08	6	18AUG08		73		0.00	26,763.12
7503-170	FPA Metrology Checks to Assure Alignment	19AUG08	3	21AUG08		73		0.00	3,257.04
7503-190	Install local Platforms around FPA-3	22AUG08	5	28AUG08	2	73		0.00	44,605.20
7503-180	MC Interfaces: shim, ream holes ,bolt together	29AUG08	15	19SEP08		73		0.00	86,599.80
7503-200	Mate-up and weld all VV-to-Spool interfaces	22SEP08	15	10OCT08		73		0.00	77,638.88
7503-240	Bolt on preassembled pump duct	13OCT08	5	17OCT08		73		0.00	19,623.20
7503-240.1	Install insulation boots	20OCT08	5	24OCT08	2	73		0.00	27,827.20
7503-240.2	Install insulation	27OCT08	2	28OCT08	2	73		0.00	6,261.12
7503-260	PTP Pumpdown & leak check VV	29OCT08	10	11NOV08		73		0.00	53,160.00
7503-210	Fit-up all TF coils	13OCT08	10	24OCT08		73		0.00	61,188.40
7503-270	Raise lower PF 4,5&6 coils into final position	27OCT08	6	03NOV08		73		0.00	28,364.88
7503-280	Install Upper PF 4,5 & 6 coils	04NOV08	6	11NOV08		73		0.00	28,364.88
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	12NOV08	4	17NOV08		73		0.00	18,909.92
7503-290A	Install trim coils	18NOV08	5	24NOV08		73		0.00	18,909.92
7503-310	Complete LN2 connections	25NOV08	10	10DEC08		73		0.00	39,246.40
7503-320	Complete Elect Pwr connections	25NOV08	10	10DEC08	2	73		0.00	106,320.00
7503-321	Complete mag diag & machine I&C	25NOV08	10	10DEC08	2	73		0.00	50,665.60
7503-340	Install Cryostat Base, vapor barrie& port boots	11DEC08	10	02JAN09		73		0.00	39,246.40
7503-350	Install Cryostat upper section,VB and port boots	05JAN09	10	16JAN09		73		0.00	39,246.40
7503-360	Install Midplane Cryostat sections and port boot	19JAN09	15	06FEB09		73		0.00	58,869.60
7503-370	Install Cryostat Circulation Duct	09FEB09	5	13FEB09		73		0.00	19,623.20
730.1248	ACC Review	12JAN09	20	06FEB09		73		0.00	0.00
730.1249	PSO Operational Readiness Assessment	09FEB09	5	13FEB09		73		0.00	0.00



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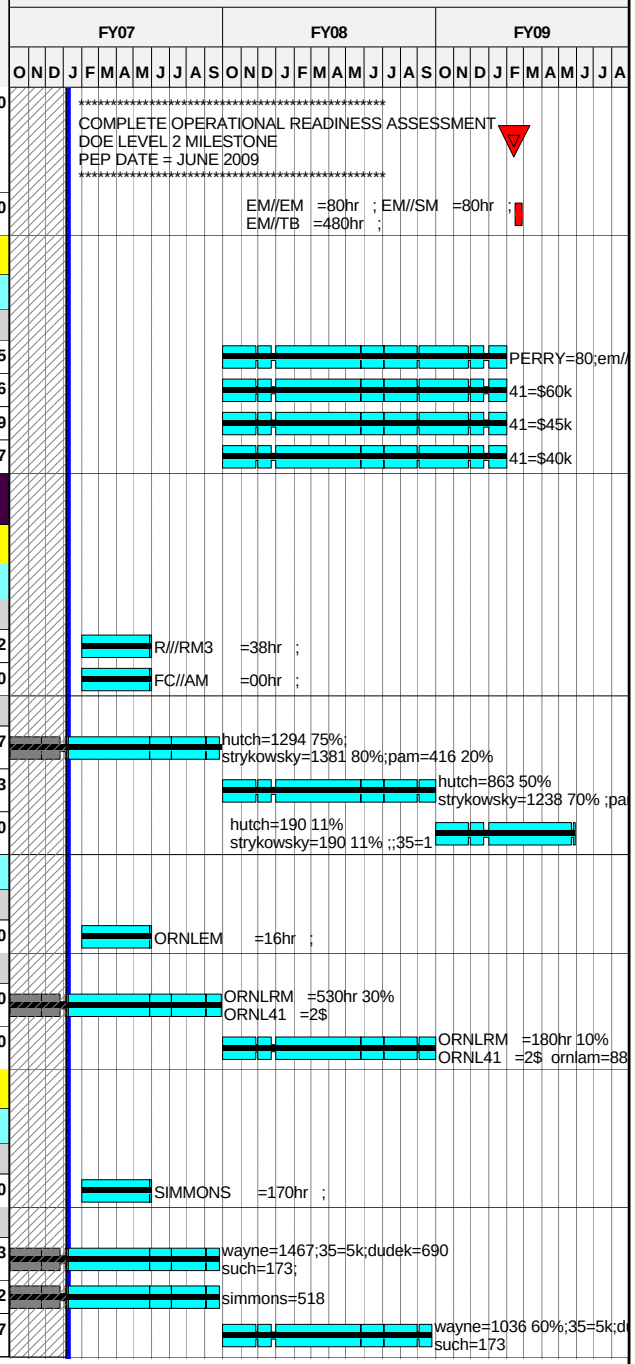
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	ECP-53
730.1250	PSO Operational Readiness Assessment		0	13FEB09		73		0.00	0.00
730.8200	PTP and Cooldown	16FEB09	10	27FEB09		73		0.00	67,058.40
76 - Tooling Design & Fabrication									
Job: 7601 - Tooling Design & Fabrication-PERRY									
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09		171		0.00	30,691.35
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09		171		0.00	84,804.26
713.040	General procurements	01OCT07*	329*	30JAN09		171		0.00	63,603.19
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09		171		0.00	56,536.17
8 - Project Oversight and Support									
81 - Project Management and Control									
Job: 8101 - Project Management & Control-NEILSON									
FY07 Rebaseline Exercise									
ECP53RBX16	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	8,722.52
ECP53RBX17	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	0.00
810.005	Project Management OfficePPPL FY07	01OCT06A	245*	24SEP07		504	LOE	137,527.78	543,588.07
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08		250		0.00	448,055.63
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09		87		0.00	83,597.30
Job: 8102 - NCSX MIE Management ORNL-LYON									
FY07 Rebaseline Exercise									
ECP53RBX18	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	2,699.20
810.104X	Project Management Office ORNL FY07	01OCT06A	249*	28SEP07		500	LOE	18,308.57	64,764.50
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08		251		0.00	36,106.00
82 - Project Engineering									
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN									
FY07 Rebaseline Exercise									
ECP53RBX19	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	30,734.30
820.04X	Proj engr FY07	01OCT06A	246*	25SEP07		503	LOE	100,189.41	397,577.03
8205FY07	Systems Engineering Support FY07	02OCT06A	246*	25SEP07		503	LOE	23,599.60	93,649.22
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08		253		0.00	249,760.37



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ECP53 BASELINE
zECP-53 baseline
Progress Bar
Critical Activity

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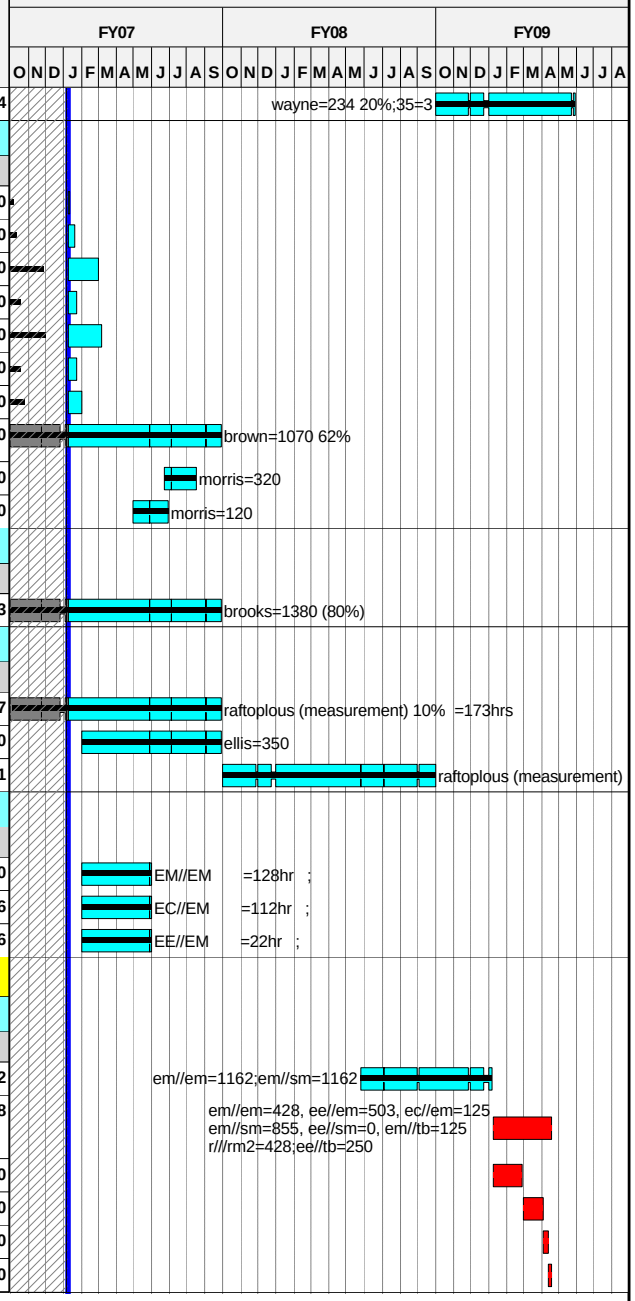
820.005	Proj engr FY09	01OCT08*	163*	29MAY09		87		0.00	52,618.14
Job: 8203 - Design Integration-BROWN									
8203-06	Complt rvw of machine assembly approach	08JAN07*	4	11JAN07		683		0.00	0.00
8203-07	Rvw cryostat & conventional magnet sys design	08JAN07*	9	18JAN07		678		0.00	0.00
8203-08	tollerance reqmnts for MCsuprt install fixt dwgs	08JAN07*	39	01MAR07		648		0.00	0.00
8203-09	Machine suprt dsn f/compatibility with assy reqt	08JAN07*	12	23JAN07		675		0.00	0.00
8203-10	Dynamic simul MC half period install fixt w/ Pro	08JAN07*	42	06MAR07		645		0.00	0.00
8203-11	Document NCSX Interlink& dwg control process	08JAN07*	11	22JAN07		676		0.00	0.00
8203-12	Update definition VV spool piece assy simul	08JAN07*	19	01FEB07		668		0.00	0.00
8203FY07	Design Integration FY07	01OCT06A	249*	28SEP07		500	LOE	48,167.88	193,445.30
8203FY07M	Design Integration FY07	25JUN07*	39*	17AUG07		529		0.00	37,344.00
8203GY07M	Design Integration FY07	01MAY07*	43*	29JUN07		563		0.00	14,004.00
Job: 8204 - Systems Analysis-BROOKS									
8204FY07	Systems Analysis FY07	01OCT06A	249*	28SEP07		500	LOE	62,159.07	249,634.83
Job: 8205 - Dimensional Control Coordin-REIERSEN									
METFY07R	Metrology for FP & machine assy FY07	01OCT06A	249*	28SEP07		500	LOE	7,787.89	31,276.67
METFY07R1	Metrology for FP & machine assy FY07 ecp53	01FEB07*	169*	28SEP07		500		0.00	63,276.50
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08		251		0.00	32,761.01
Job: 8206 - FY07 Rebaseling tasks									
FY07 Rebaseline Exercise									
ECP53RBX23	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	20,032.00
ECP53RBX24	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	16,226.56
ECP53RBX25	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584		0.00	3,715.36
85 - Integrated Systems Testing									
Job: 8501 - Integrated Systems Testing-GENTILE									
920.001	Procedure and Document Preparation	27MAY08*	150	06JAN09		101		0.00	355,410.72
920.000	Startup Personnel	08JAN09	72	17APR09		73		0.00	421,878.48
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	08JAN09	37	27FEB09		73		0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	02MAR09	25	03APR09		73		0.00	0.00
920.020	Final ISTP	06APR09	7	14APR09		73		0.00	0.00
920.021	Operations Approval	15APR09	3	17APR09		73		0.00	0.00



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ECP53 BASELINE
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Progress Bar
Critical Activity

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NCSX
ECP-53
BASELINE SCHEDULE

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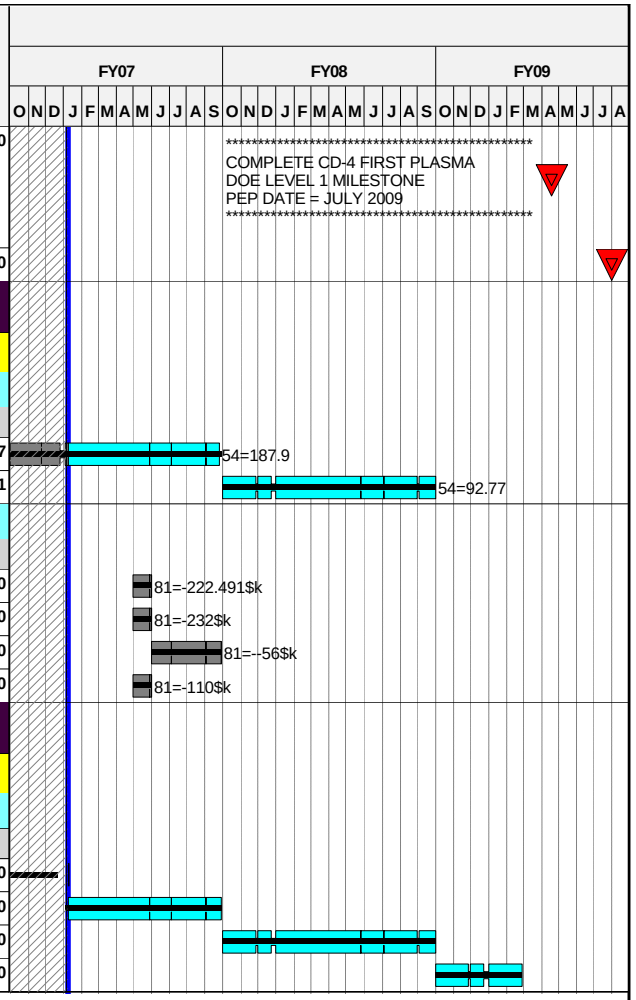
730.9000	First Plasma		0	17APR09		73		0.00	0.00
M-0120	CD-4 First Plasma		0	31JUL09*		0		0.00	0.00
Allocations									
PPPL Allocations									
Job: 8998 - Allocations-STRYKOWSKY									
99.07	PPPL Allocations FY07	29SEP06A	247*	25SEP07		503	LOE	82,228.85	322,466.07
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08		251		0.00	166,336.61
Future adjustments and credits									
99.07W	Scrap value of Kirksite dies (minimum sale price	01MAY07A	22*	31MAY07A				-222,500.00	-222,500.00
99.07X	Retroactive MHX exclusion	01MAY07A	22*	31MAY07A				-232,000.00	-232,000.00
99.07Y	Overhead rate reduction estimate for FY07 only	01JUN07A	22*	28SEP07A				-56,000.00	-56,000.00
99.07Z	Overhead rate reduction estimate for FY07 only	01MAY07A	22*	31MAY07A				-110,000.00	-110,000.00
Contingency									
Contingency									
Contingency-Project									
99.106	Contingency setaside for FY07 1st qrt cv	08JAN07*	0*	05JAN07		687		0.00	0.00
99.107	Contingency FY07	08JAN07*	187*	28SEP07		500		0.00	818,000.00
99.108	Contingency FY08	01OCT07*	250*	30SEP08		250		0.00	2,900,952.00
99.109	Contingency FY09	01OCT08*	99*	27FEB09		151		0.00	131,392.00



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ECP53 BASELINE
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