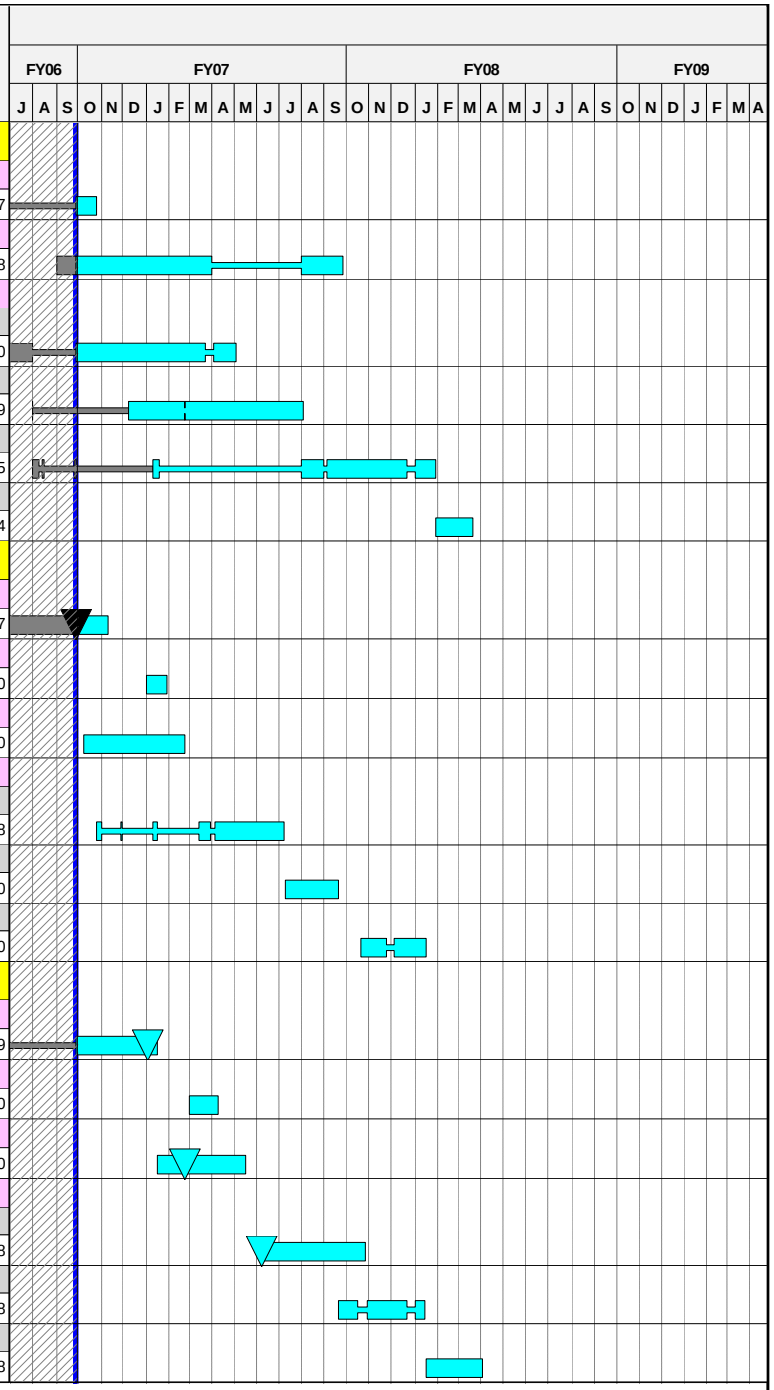
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52
Station 1 -VV Prep									
+ Job: 1803- FP Assy Toolg/Constructability-BROWN									
		01FEB05A	440	26OCT06		730	100	109,150.07	109,150.07
+ Job: 1806 - FP Assembly specs and drawings-COLE									
		01SEP06A	267	26SEP07		502		3,374.00	47,375.28
Job:1810 - Field Period Assembly-VIOLA									
+ Station 1-VV Prep (hard surface components) FP#1									
		09MAY06A	247	03MAY07		161		68,896.29	306,148.70
+ Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)									
		31JUL06A	252	01AUG07		173		1,664.80	204,124.19
+ Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2)									
		01AUG06A	371	30JAN08		100		11,582.04	204,078.35
+ Station 1-Spool pieces (3) (spacers)									
		31JAN08	35	19MAR08		202		0.00	37,371.84
Station 2-Modular Coil subassembly									
+ Job: 1803- FP Assy Toolg/Constructability-BROWN									
		03JAN05A	471	09NOV06		168		87,922.86	103,557.17
+ Job: 1806 - FP Assembly specs and drawings-COLE									
		02JAN07	20	29JAN07		119		0.00	30,942.00
+ Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
		09OCT06	90	21FEB07		117		0.00	74,034.00
Job:1810 - Field Period Assembly-VIOLA									
+ Station 2-Modular Coil Subassembly-FP#1									
		27OCT06	171	06JUL07		154		0.00	121,834.08
+ Station 2-Modular Coil Subassembly-FP#2									
		09JUL07	52	19SEP07		127		0.00	59,918.40
+ Station 2-Modular Coil Subassembly-FP#3									
		19OCT07	56	17JAN08		100		0.00	61,531.20
Station 3-Modular coil/vac vsl assembly									
+ Job: 1803- FP Assy Toolg/Constructability-BROWN									
		25OCT04A	554	17JAN07		125		40,886.50	137,572.79
+ Job: 1806 - FP Assembly specs and drawings-COLE									
		01MAR07	28	09APR07		137		4,048.80	43,242.00
+ Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
		18JAN07	85	16MAY07		125		0.00	67,179.00
Job:1810 - Field Period Assembly-VIOLA									
+ Station 3-Assemble Mod Coils and VVSA-FP#1									
		08JUN07	99	26OCT07		112		0.00	149,882.88
+ Station 3-Assemble Mod Coils and VVSA-FP#2									
		20SEP07	74	14JAN08		112		0.00	120,014.08
+ Station 3-Assemble Mod Coils and VVSA-FP#3									
		18JAN08	54	02APR08		100		0.00	120,327.68



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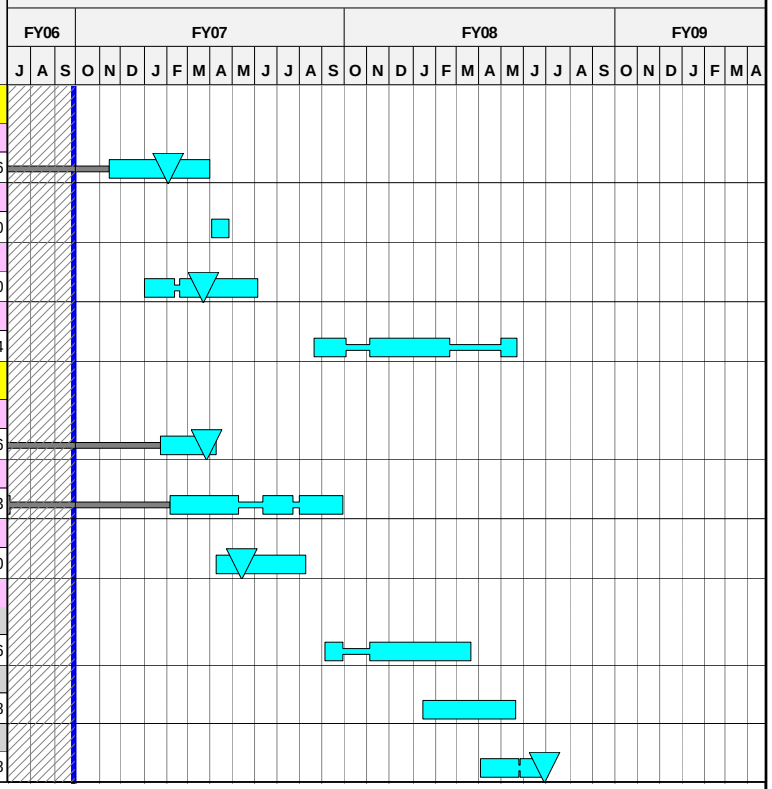
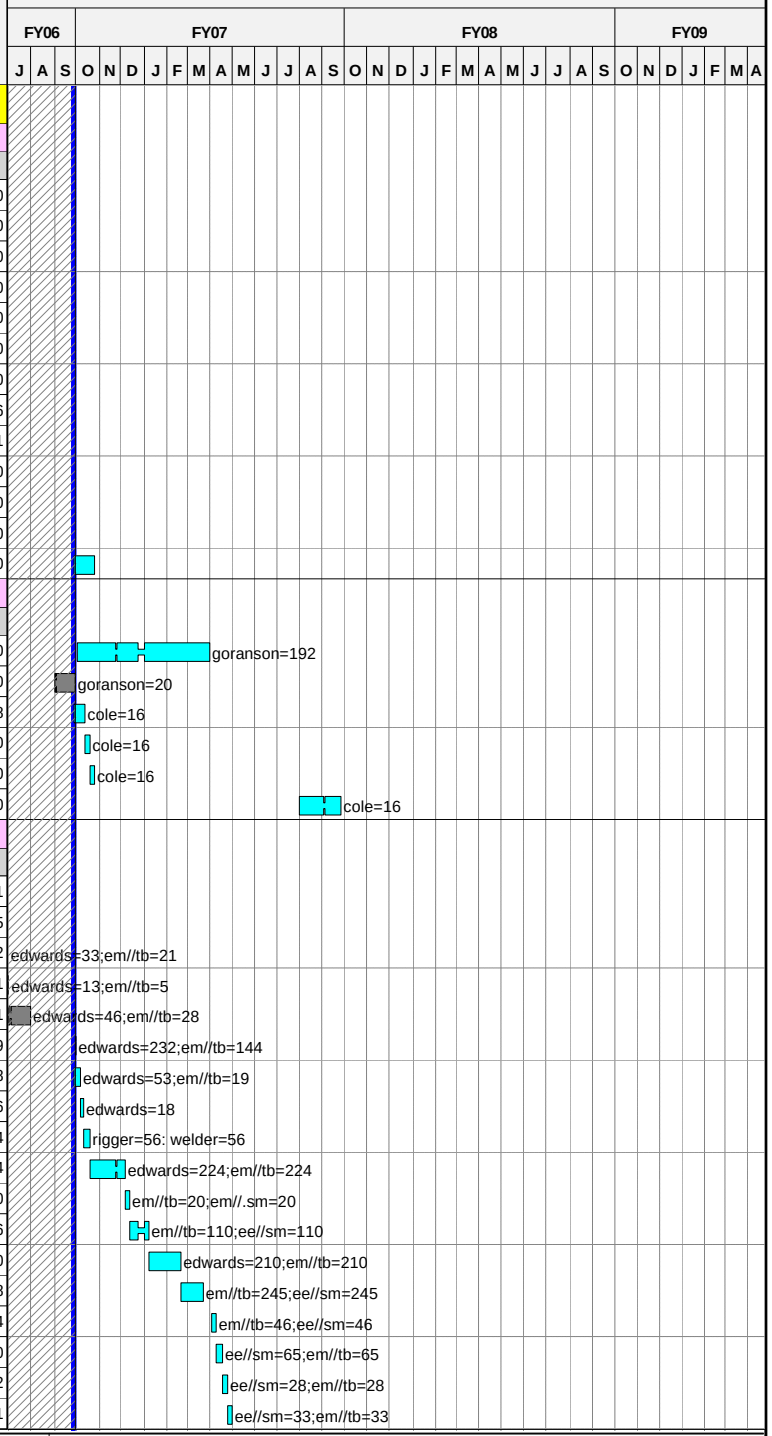
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52
Station 4 -TF Coil Assembly									
+ Job: 1803- FP Assy Toolg/Constructability-BROWN									
		01APR05A	*500*	30MAR07		***204***		46,366.50	170,157.06
+ Job: 1806 - FP Assembly specs and drawings-COLE									
		02APR07	*20*	27APR07		***184***		0.00	0.00
+ Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
		02JAN07	*109*	04JUN07		***582***		0.00	48,961.20
+ Job:1810 - Field Period Assembly-VIOLA									
		20AUG07	*188*	21MAY08		***100***		0.00	214,319.84
Statiion 5-Final Field Period Assembly									
+ Job: 1803- FP Assy Toolg/Constructability-BROWN									
		01MAR05A	*529*	09APR07		***141***		57,561.00	167,122.76
+ Job: 1806 - FP Assembly specs and drawings-COLE									
		01JAN06A	*440*	28SEP07		***287***		5,423.55	88,457.63
+ Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
		10APR07	*85*	08AUG07		***141***		0.00	104,196.00
Job:1810 - Field Period Assembly-VIOLA									
+ Station 5- Final FP Assy -FP#1 (in NCSX TC)									
		05SEP07	*132*	19MAR08		***168***		0.00	235,639.36
+ Station 5- Final FP Assy -FP#2 (in NCSX TC)									
		15JAN08	*91*	20MAY08		***124***		0.00	205,787.68
+ Station 5- Final FP Assy -FP#3 (in NCSX TC)									
		03APR08	*63*	01JUL08		***100***		0.00	205,787.68



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)	Proposed Budget ECP-52
Station 1 -VV Prep									
Job: 1803- FP Assy Toolg/Constructability-BROWN									
1.00-VV Prep Station									
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A			100	16,056.00	16,056.00
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			100	13,604.00	13,604.00
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			100	25,502.00	25,502.00
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			100	13,220.00	13,220.00
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A			100	1,983.00	1,983.00
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A			100	2,644.00	2,644.00
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A			100	1,983.00	1,983.00
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A			100	3,636.96	3,636.96
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A			100	7,214.11	7,214.11
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A			100	0.00	0.00
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A			100	23,307.00	23,307.00
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A			100	0.00	0.00
1803-1.20	Finalize loop layout on FP 2 & 3	29SEP06	20	26OCT06		730	100	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	02OCT06*	122	30MAR07		627	LOE	0.00	33,004.80
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A			100	3,374.00	3,374.00
1803-1-105	Stage 1 dwg -SE121-004	29SEP06	10	12OCT06		241		0.00	2,745.28
1803-1-110	Stage 1 dwg -SE121-008	13OCT06	5	19OCT06		241		0.00	2,750.40
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	20OCT06	5	26OCT06		241		0.00	2,750.40
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07		283		0.00	2,750.40
Job:1810 - Field Period Assembly-VIOLA									
Station 1-VV Prep (hard surface components) FP#1									
S1P1-101	Receive VV and inspect	09MAY06A	2	11MAY06A			100	2,079.11	2,079.11
S1P1-101.1	metrology setup,training and calibration	15MAY06A	34*	13JUN06A			100	8,647.25	8,647.25
S1P1-101A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A			100	5,909.02	5,909.02
S1P1-102	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A			100	2,086.71	2,086.71
S1P1-103	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A			100	8,158.61	8,158.61
S1P1-103.1	Layout diagnostic&coolant paths on vsl w/templt		0*	29SEP06A			100	42,015.59	42,015.59
S1P1-104	Install heater tape on vertical ports	29SEP06	5	05OCT06		167		0.00	8,409.58
S1P1-105	Verify installation of heater tapes	06OCT06	3	10OCT06		167		0.00	2,329.56
S1P1-105.1	Check port weld fit-up	11OCT06	7	19OCT06		167		0.00	9,320.64
S1P1-107	Install random magnetic diagnostic sensors	20OCT06	32	06DEC06		167		0.00	54,435.84
S1P1-107.1	Loop termination & verification	07DEC06	5	13DEC06		167		0.00	7,497.70
S1P1-106	Attach studs for coolant lines	14DEC06	12	08JAN07		167		0.00	17,861.76
S1P1-107.2	Install precision magnetic diagnostic sensors	09JAN07	30	19FEB07		167		0.00	51,033.60
S1P1-108	Install cooling/htg lines to vac vsl	20FEB07	24	23MAR07		167		0.00	40,826.88
S1P1-109	Verify Instl of H/C lines,headers,manifolds	03APR07*	5	09APR07		161		0.00	9,781.44
S1P1-110	Install local I&C (incl thermocouples)	10APR07	7	18APR07		161		0.00	13,821.60
S1P1-111	Verify installation of local I&C	19APR07	3	23APR07		161		0.00	5,953.92
S1P1-112	Final Scan	24APR07	5	30APR07		161		0.00	7,049.01



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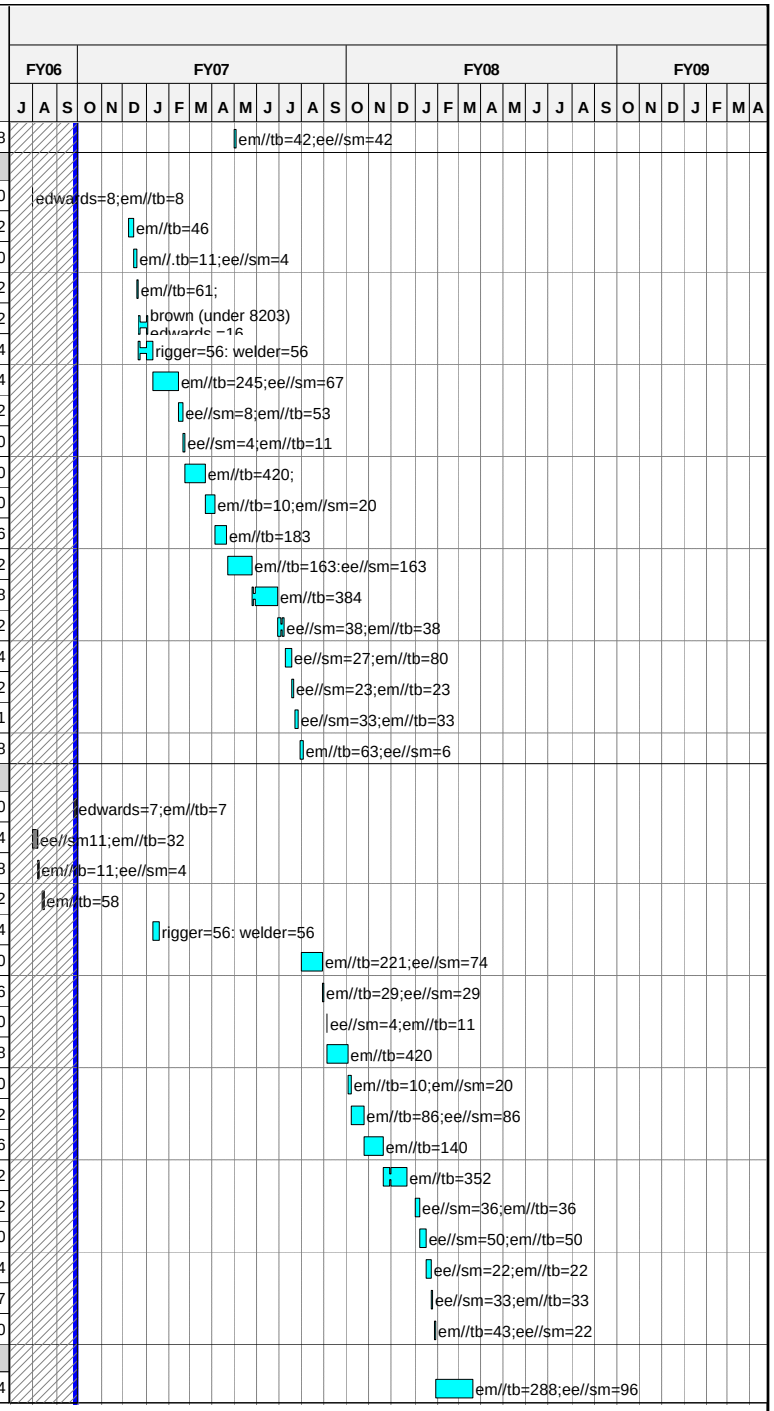
EC52

NCSX

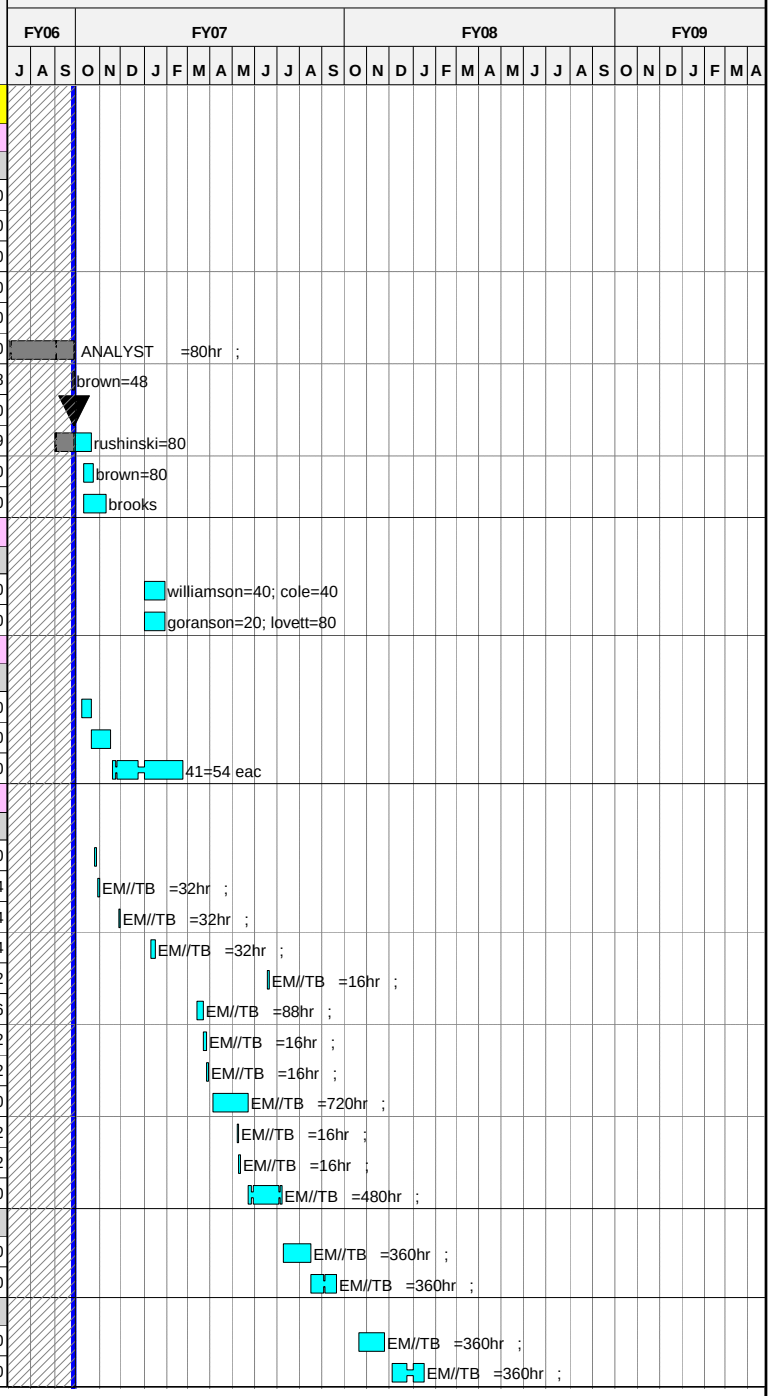
ECP-52 Field Period Assembly Stations

***** DETAIL *****

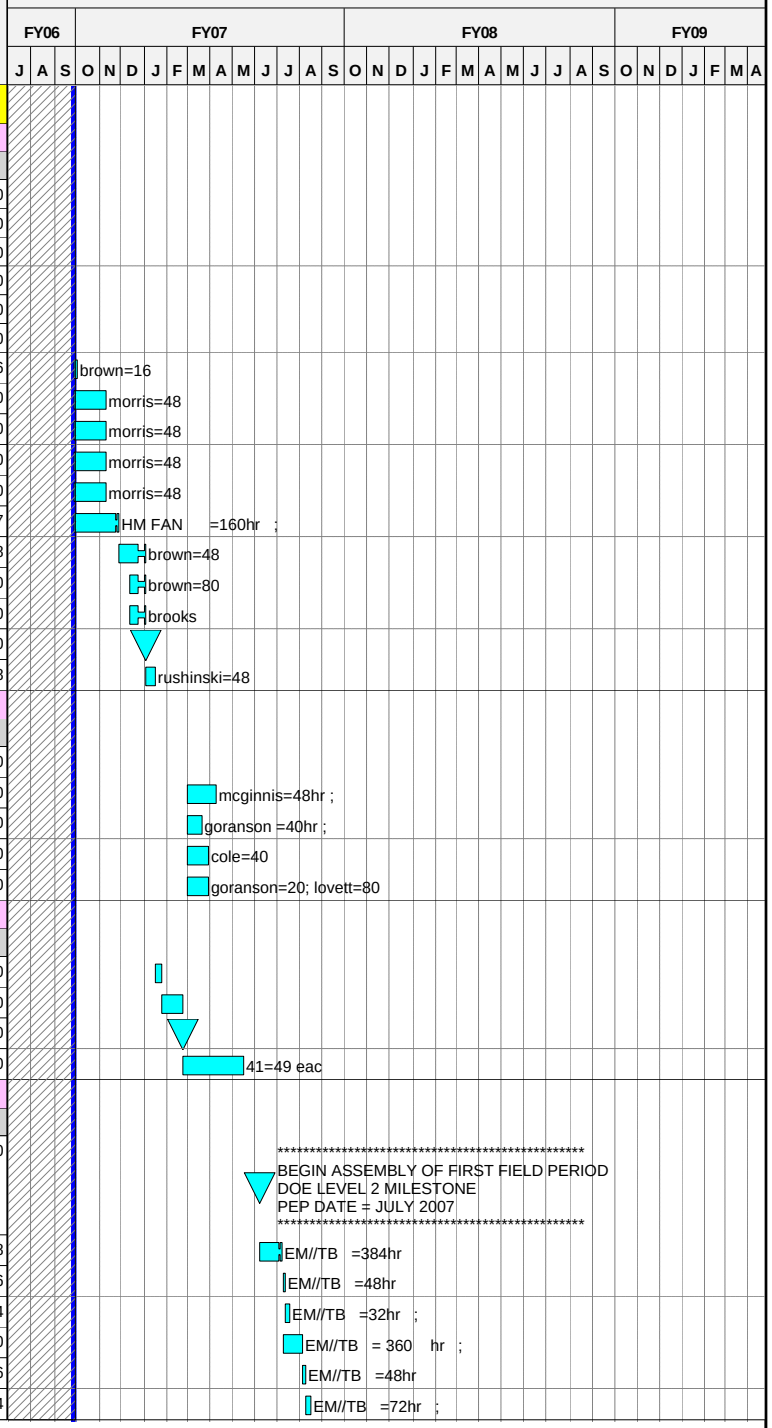
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52
S1P1-116	Prepare and transfer completed VV to holding are	01MAY07	3	03MAY07		161		0.00	8,930.88
Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)									
S1P2-101	Receive VV and inspect	31JUL06A	3	31JUL06A			100	1,664.80	1,664.80
S1P2-101A	Prep for mounting on fixture,Instl flanges	08DEC06*	5	14DEC06		173		0.00	3,828.12
S1P2-102	Mount VV on VV Prep fixture (top side up)	15DEC06	2	18DEC06		173		0.00	1,433.10
S1P2-103	Establish metrology setting; align VV base	19DEC06	3	21DEC06		173		0.00	5,076.42
S1P3-103.2	Perform full machine best fit	22DEC06	2	02JAN07		178		0.00	2,070.72
S1P2-105.1	Check port weld fit-up	22DEC06	7	09JAN07		173		0.00	9,320.64
S1P2-103.1	Layout diagnostic&coolant paths on vessel	10JAN07	26	14FEB07		173		0.00	29,060.04
S1P2-104	Install heater tape on vertical ports	15FEB07	4	20FEB07		173		0.00	5,446.02
S1P2-105	Verify installation of heater tapes	21FEB07	1	21FEB07		173		0.00	1,433.10
S1P2-107	Wind magnetic diagnostic sensors	23FEB07	20	22MAR07		173		0.00	23,301.60
S1P2-107.1	Loop termination & verification	23MAR07	9	04APR07		173		0.00	3,452.20
S1P2-106	Attach studs forcoolant lines	05APR07	12	20APR07		173		0.00	15,229.26
S1P2-107.2	Install precision magnetic diagnostic sensors	23APR07	24	24MAY07		173		0.00	34,660.32
S1P2-108	Install cooling/htg lines to vac vsl	25MAY07	24	28JUN07		173		0.00	31,956.48
S1P2-109	Verify Instl of H/C lines,headers,manifolds	29JUN07	5	06JUL07		173		0.00	8,080.32
S1P2-110	Install local I&C (incl thermocouples)	09JUL07	7	17JUL07		173		0.00	10,151.94
S1P2-111	Verify installation of local I&C	18JUL07	3	20JUL07		173		0.00	4,890.72
S1P2-112	Final Scan	23JUL07	5	27JUL07		173		0.00	7,049.01
S1P2-116	Prepare and transfer completed VV to holding are	30JUL07	3	01AUG07		173		0.00	6,019.38
Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2)									
S1P3-101	Receive VV and inspect	27SEP06A	3	27SEP06A			100	1,456.70	1,456.70
S1P3-101A	Prep for mounting on fixture,Instl flanges	01AUG06A	3	07AUG06A			100	3,999.34	3,999.34
S1P3-102	Mount VV on VV Prep fixture (top side up)	08AUG06A	1	09AUG06A			100	1,402.48	1,402.48
S1P3-103	Establish metrology setting; align VV base	14AUG06A	4	14AUG06A			100	4,723.52	4,723.52
S1P3-105.1	Check port weld fit-up	10JAN07	7	18JAN07		236		0.00	9,320.64
S1P3-103.1	Layout diagnostic&coolant paths on vessel	01AUG07*	19	27AUG07		100		0.00	27,968.70
S1P3-104	Install heater tape on vertical ports	28AUG07	4	31AUG07		100		0.00	6,166.56
S1P3-105	Verify installation of heater tapes	04SEP07	1	04SEP07		100		0.00	1,433.10
S1P3-107	Wind magnetic diagnostic sensors	05SEP07	20	02OCT07		100		0.00	35,046.48
S1P3-107.1	Loop termination & verification	03OCT07	3	05OCT07		100		0.00	3,545.00
S1P3-106	Attach studs forcoolant lines	08OCT07	12	23OCT07		100		0.00	18,779.82
S1P3-107.2	Install precision magnetic diagnostic sensors	24OCT07	19	19NOV07		100		0.00	22,732.36
S1P3-108	Install cooling/htg lines to vac vsl	20NOV07	22	21DEC07		100		0.00	30,081.92
S1P3-109	Verify Instl of H/C lines,headers,manifolds	02JAN08	5	08JAN08		100		0.00	7,861.32
S1P3-110	Install local I&C (incl thermocouples)	09JAN08	7	17JAN08		100		0.00	10,918.50
S1P3-111	Verify installation of local I&C	18JAN08	3	22JAN08		100		0.00	4,804.14
S1P3-112	Final Scan	23JAN08	3	25JAN08		100		0.00	7,238.97
S1P3-116	Prepare and transfer completed VV to holding are	28JAN08	3	30JAN08		100		0.00	6,598.80
Station 1-Spool pieces (3) (spacers)									
S1SP-101	Attachdiagnostics, studs and coolant lines	31JAN08	35	19MAR08		202		0.00	37,371.84



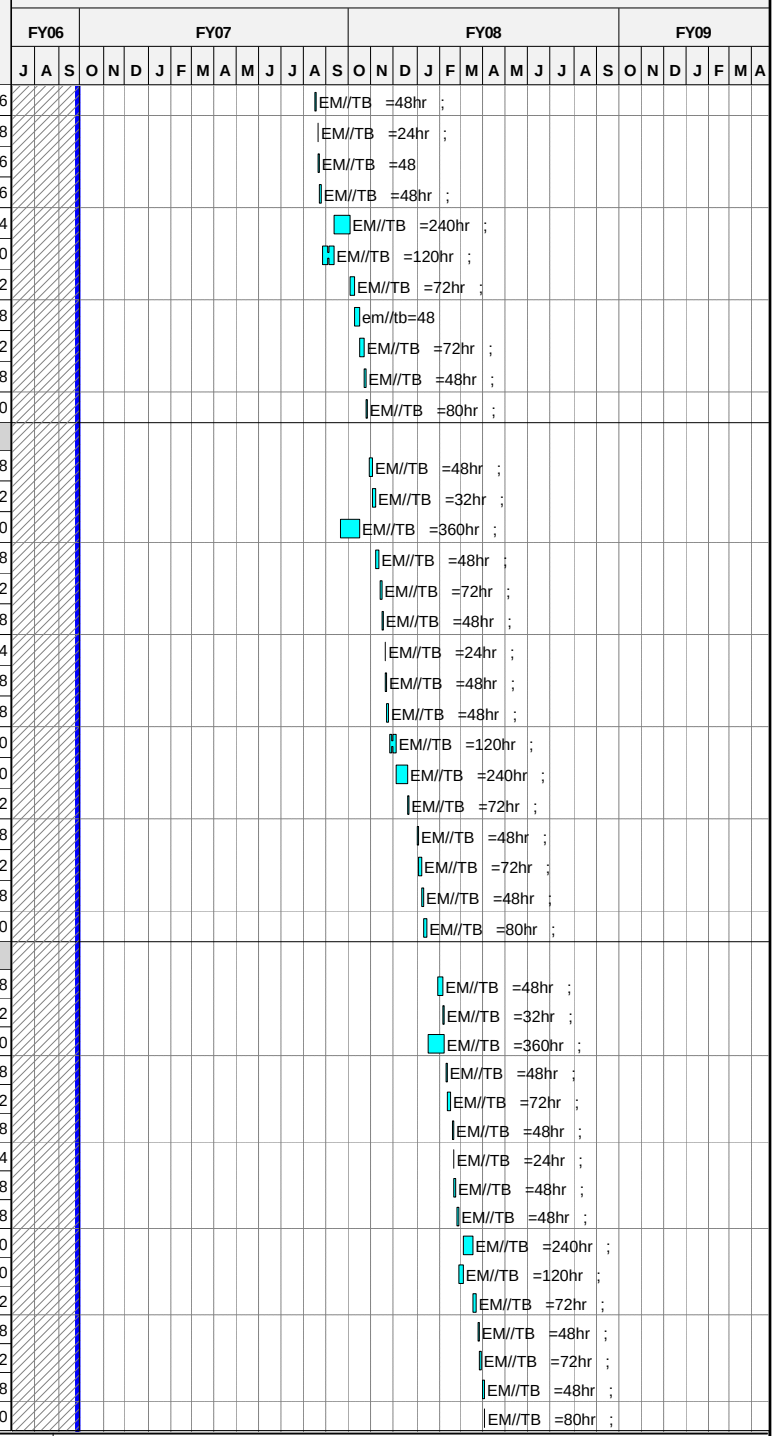
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52
Station 2-Modular Coil subassembly									
Job: 1803- FP Assy Toolg/Constructability-BROWN									
Station 2-Modular Coil Sub- Assembly									
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A			100	16,056.00	16,056.00
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			100	21,728.00	21,728.00
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A			100	15,209.60	15,209.60
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A			100	0.00	0.00
1803-2.056	HP support stand	01JUN06A	15	30JUN06A			100	0.00	0.00
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A			100	13,924.80	13,924.80
1803-2.057	Resolve use of JPP holdinbg fixture	27SEP06A	6	27SEP06A			100	8,354.88	8,354.88
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A			100	0.00	0.00
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	35*	20OCT06		117	90	12,649.58	14,055.09
1803-2.08A	Assy sequence plan drafted	11OCT06*	10	24OCT06		180		0.00	14,228.80
1803-2.08C	Dimensional control plan drafted	11OCT06*	22	09NOV06		168		0.00	0.00
Job: 1806 - FP Assembly specs and drawings-COLE									
Station 2-Modular Coil Sub- Assembly									
1803-2-100	Prep Stage 2 Spec	02JAN07*	20	29JAN07		119		0.00	13,752.00
1803-2-105	Stage 2 dwg-se140-xInterface between MC &insul	02JAN07*	20	29JAN07		119		0.00	17,190.00
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
Station 2-Modular Coil Sub- Assembly									
1803-2.080	Issue requisition	09OCT06	10	20OCT06		117		0.00	0.00
1803-2.08	Bid,select vendor ,award	23OCT06	20	17NOV06		117		0.00	0.00
1803-2.11	Fab MC HP Assy Fixtures (1 fixture)	20NOV06*	60	21FEB07		117		0.00	74,034.00
Job:1810 - Field Period Assembly-VIOLA									
Station 2-Modular Coil Subassembly-FP#1									
S2P1-000	Receive MTM Fixture	27OCT06*	1	27OCT06		208		0.00	0.00
S2P1-001	Pre-fit C2-C3 (no re-work)	30OCT06*	3	01NOV06		208		0.00	2,663.04
S2P1-003	Pre-fit C1-C5	27NOV06*	3	29NOV06		193		0.00	2,663.04
S2P1-005	Pre-fit A1-A2	11JAN07*	3	15JAN07		169		0.00	2,663.04
S2P1-007	Pre-fit C6-C4	18JUN07	2	19JUN07		166		0.00	1,331.52
S2P1-010	Test out equipt & procedures	15MAR07	6	22MAR07		117		0.00	7,323.36
S2P1-012	Fit C1-B1	23MAR07	2	26MAR07		117		0.00	1,331.52
S2P1-014	Fit B1-A1	27MAR07	2	28MAR07		117		0.00	1,331.52
S2P1-100	Assemble/Align Mod-Coils A1/B1/C1	05APR07	35	23MAY07		112		0.00	59,918.40
S2P1-016	Fit A2-B2	08MAY07	2	09MAY07		120		0.00	1,331.52
S2P1-018	Fit B2-C2	10MAY07	2	11MAY07		120		0.00	1,331.52
S2P1-200	Assemble/Align Mod-Coils A2/B2/C2	24MAY07	30	06JUL07		112		0.00	39,945.60
Station 2-Modular Coil Subassembly-FP#2									
S2P2-100	Assemble/Align Mod-Coils A3/B3/C3	09JUL07	27	14AUG07		127		0.00	29,959.20
S2P2-200	Assemble/Align Mod-Coils A4/B4/C4	15AUG07	25	19SEP07		127		0.00	29,959.20
Station 2-Modular Coil Subassembly-FP#3									
S2P3-100	Assemble/Align Mod-Coils A5/B5/C5	19OCT07	25	22NOV07		106		0.00	30,765.60
S2P3-200	Assemble/Align Mod-Coils A6/B6/C6	05DEC07	25	17JAN08		100		0.00	30,765.60



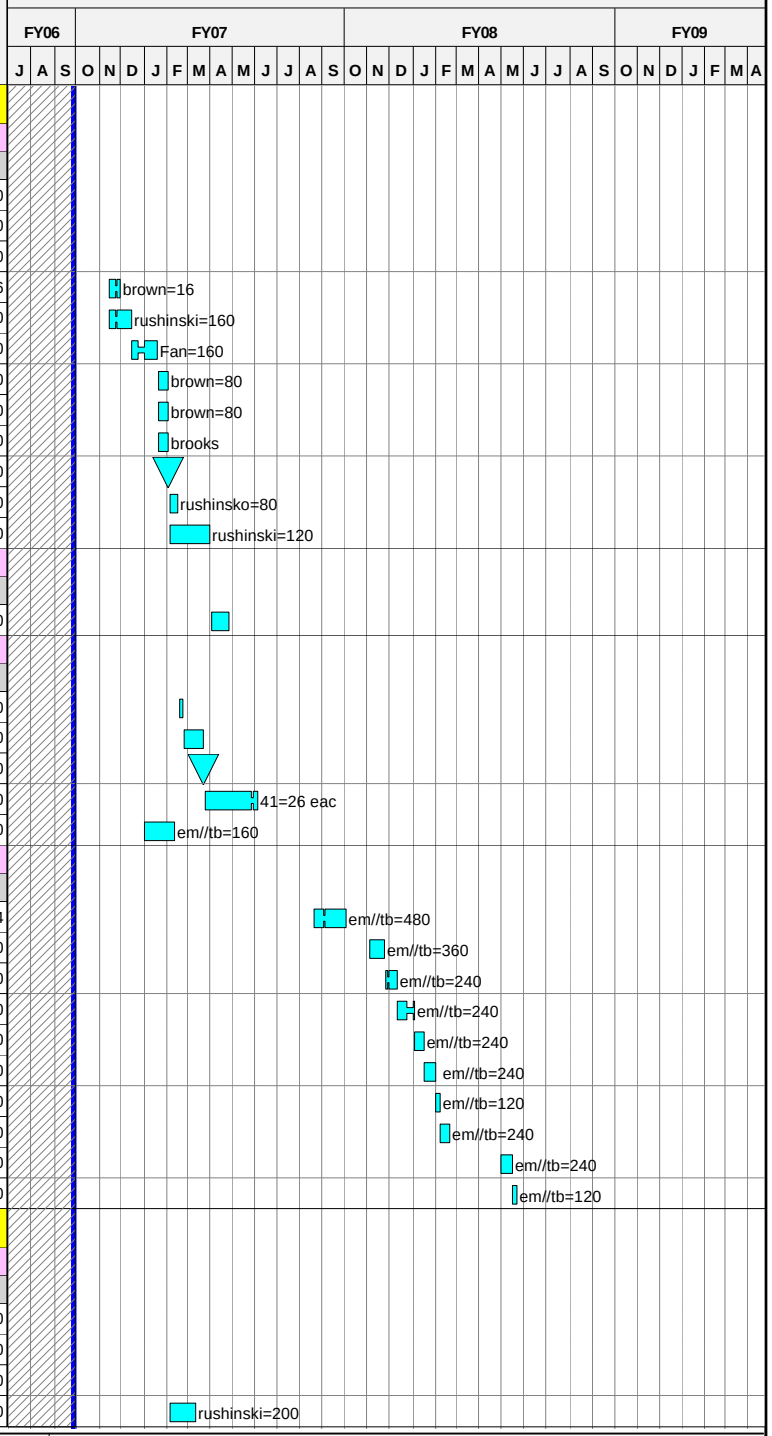
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52
Station 3-Modular coil/vac vsl assembly									
Job: 1803- FP Assy Toolg/Constructability-BROWN									
Station 3-Modular Coil to VVSA Assembly									
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A			100	6,610.00	6,610.00
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A			100	1,983.00	1,983.00
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A			100	14,265.00	14,265.00
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A			100	8,849.00	8,849.00
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A			100	9,179.50	9,179.50
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A			100	0.00	0.00
1803-3.15A	Requirements finalized	29SEP06*	2*	02OCT06		184	75	0.00	2,815.36
1803-3.15	Models&dwgs for- MC load support	29SEP06*	30	09NOV06		156	75	0.00	8,531.20
1803-3.17	Models&dwgs for- Laser screen guide mods	29SEP06*	30	09NOV06		156	75	0.00	8,531.20
1803-3.18	Models&dwgs for-VV support stand	29SEP06*	30	09NOV06		156	75	0.00	8,531.20
1803-3.19	Models&dwgs for-Mechanical screw drive	29SEP06*	30	09NOV06		156	75	0.00	8,531.20
1803-3.07	Structural analysis Analysis	29SEP06	41	28NOV06		125		0.00	28,442.77
1803-3.66	Metrology layout	29NOV06*	20	03JAN07		125		0.00	8,537.28
1803-3.22	Assy sequence plan drafted	13DEC06	10	03JAN07		125		0.00	14,228.80
1803-3.23	Dimensional control plan drafted	13DEC06	10	03JAN07		125		0.00	0.00
1803-3.15E	PDR/FDR		0	03JAN07		125		0.00	0.00
1803-3.20	Dwgs/specs for tooling released for fab	04JAN07*	10	17JAN07		125		0.00	8,537.28
Job: 1806 - FP Assembly specs and drawings-COLE									
Station 3-Modular Coil to VVSA Assembly									
1203-803	Prelim VV final assy dwgs 120-049,004 & 008		83*	30JUN06A			60	4,048.80	4,048.80
1203-880	Issue 120-049,004 & 008	01MAR07*	28	09APR07		137		0.00	8,251.20
1203-804	Issue VV assy specification	01MAR07*	13	19MAR07		152		0.00	6,876.00
1803-3-100	Prep stage 3 Spec	01MAR07*	20	28MAR07		145		0.00	6,876.00
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07*	20	28MAR07		145		0.00	17,190.00
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
Station 3-Modular Coil to VVSA Assembly									
1803-3.08A	Requisition issued	18JAN07	5	24JAN07		125		0.00	0.00
1803-3.08B	Recieve & Evaluate Bids	25JAN07	20	21FEB07		125		0.00	0.00
1803-3.15D	Award Fabrication Contract		0	21FEB07		125		0.00	0.00
1803-3.15C	Tooling fabricated (1 fixture)	22FEB07	60	16MAY07		125		0.00	67,179.00
Job:1810 - Field Period Assembly-VIOLA									
Station 3-Assemble Mod Coils and VVSA-FP#1									
S3P1-000	Begin Assembly of First Field Period Assy		0	07JUN07		125		0.00	0.00
S3P1-001	Test out station 3 equipment and procedures	08JUN07	20	06JUL07		125		0.00	31,956.48
S3P1-101	VV to MC turning fixt base; metr check	09JUL07	4	12JUL07		125		0.00	3,994.56
S3P1-101.1	Attach local protective strips to VV&locate sens	13JUL07	3	17JUL07		125		0.00	2,663.04
S2P1-201	Assemble/Disassemble abc1-abc2 (stage 3 fixture)	09JUL07	20	03AUG07		112		0.00	29,959.20
S3P1-102	Mount MC on crane; perform metr checks	06AUG07	3	08AUG07		112		0.00	3,994.56
S3P1-103	Rotate right MC to stand-off position&chk	09AUG07	4	14AUG07		112		0.00	5,991.84



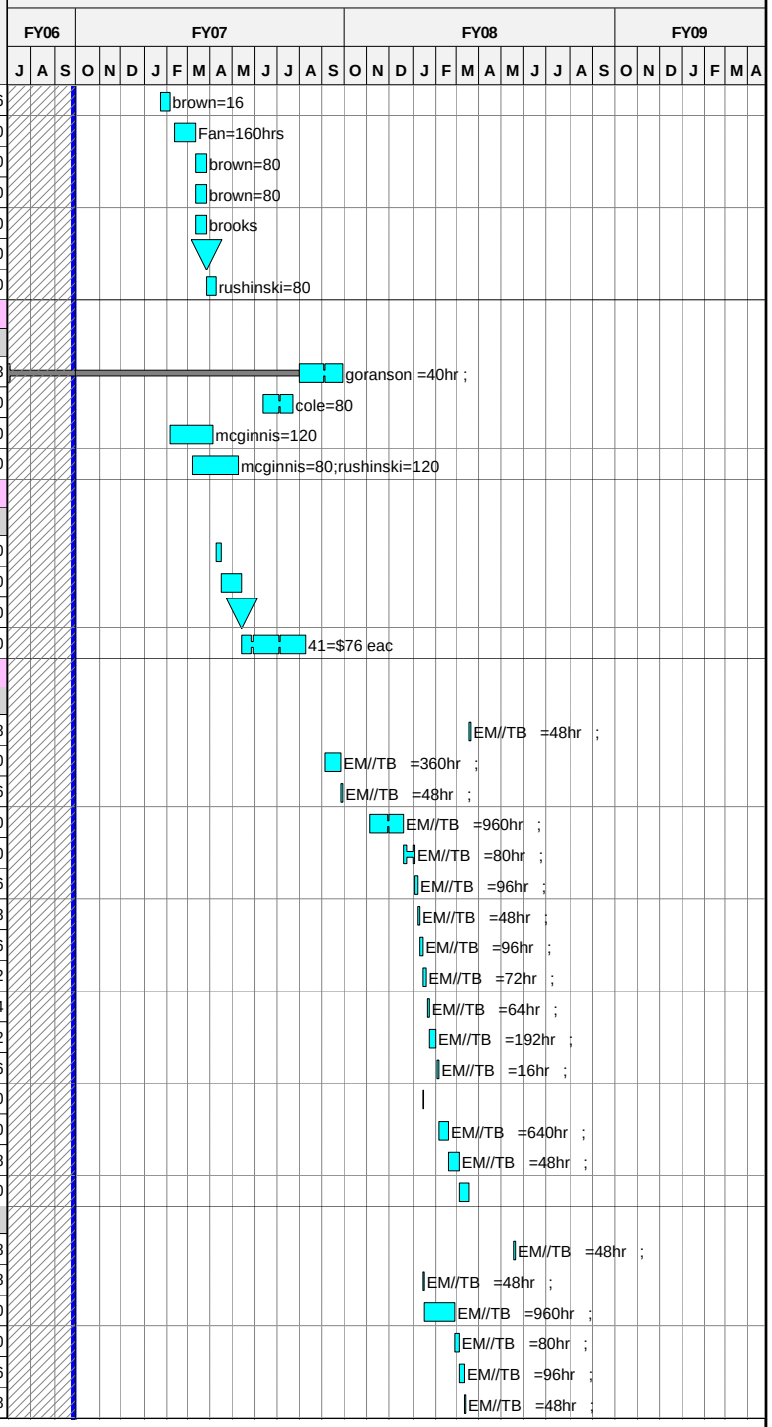
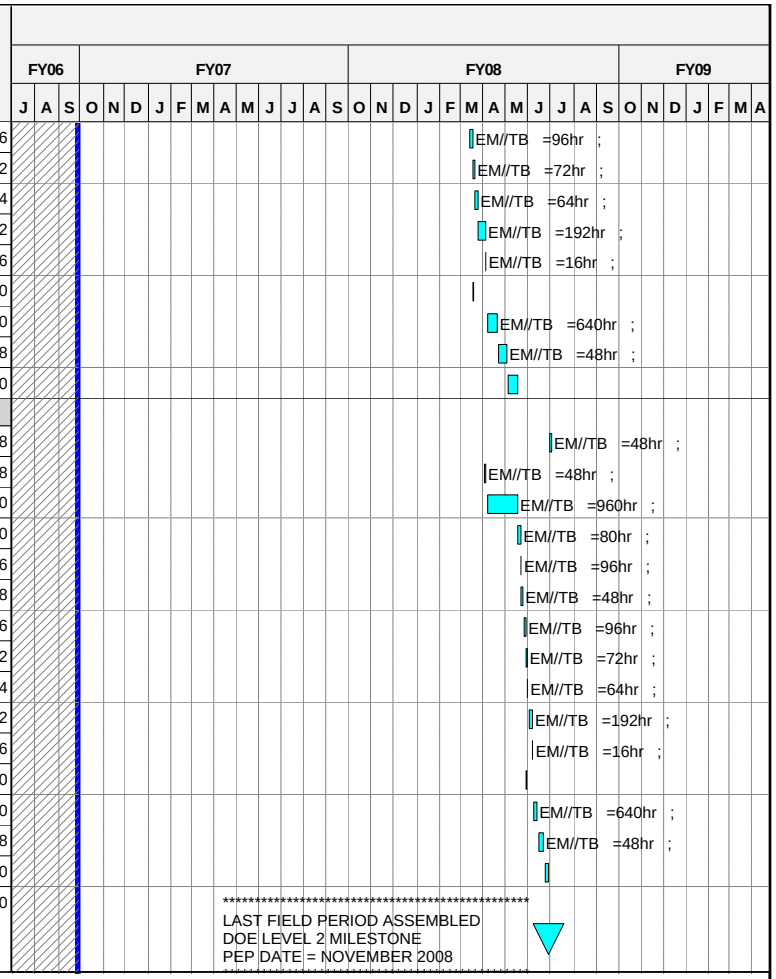
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Proposed Budget ECP-52
S3P1-104	Transfer load to sprt sys and recheck position	15AUG07	3	17AUG07		112		0.00	3,994.56
S3P1-105	Move MC turning fixt; mount MC on crane	20AUG07	1	20AUG07		112		0.00	1,997.28
S3P1-106	Rotate left MC to stand-off position and check p	21AUG07	2	22AUG07		112		0.00	3,994.56
S3P1-107	Move left & right MC to final position & measure	23AUG07	2	24AUG07		112		0.00	3,994.56
S3P1-108	Pot 3 packs together	11SEP07	15	01OCT07		112		0.00	20,008.64
S3P1-109	Bolt together at flange interface.	27AUG07	10	10SEP07		112		0.00	9,986.40
S3P1-110	Perform final metrology position check	02OCT07	5	08OCT07		112		0.00	6,153.12
S3P1-110.1	Remove temp interference strips&sensors	09OCT07	5	15OCT07		112		0.00	4,102.08
S3P1-111	Secure VV to MC's using temporary supports.	16OCT07	5	22OCT07		112		0.00	6,153.12
S4P1-114	Prepare Field Period for shipment	23OCT07	2	24OCT07		112		0.00	4,102.08
S4P1-115	Transfer completed assy to C-site test cell	25OCT07	2	26OCT07		112		0.00	6,836.80
Station 3-Assemble Mod Coils and VVSA-FP#2									
S3P2-101	Mount VV to MC turning fixt base; metr check	29OCT07	4	01NOV07		112		0.00	4,102.08
S3P2-101.1	Attach local protective strips to VV&locate sens	02NOV07	3	06NOV07		112		0.00	2,734.72
S2P2-201	Assemble/Disassemble abc -abc4 (stage 3 fixture)	20SEP07	18	15OCT07		128		0.00	30,452.00
S3P2-102	Mount MC on crane; perform metr checks	07NOV07	3	09NOV07		112		0.00	4,102.08
S3P2-103	Rotate right MC to stand-off position&chk	12NOV07	3	14NOV07		112		0.00	6,153.12
S3P2-104	Transfer load to supt sys and recheck position	15NOV07	2	16NOV07		112		0.00	4,102.08
S3P2-105	Move MC turning fixt; mount MC on crane	19NOV07	1	19NOV07		112		0.00	2,051.04
S3P2-106	Rotate left MC to stand-off position and check p	20NOV07	2	21NOV07		112		0.00	4,102.08
S3P2-107	Move left & right MC to final position & measure	22NOV07	2	23NOV07		112		0.00	4,102.08
S3P2-109	Bolt together at flange interface.	26NOV07	5	04DEC07		112		0.00	10,255.20
S3P2-108	Pot 3 packs together	05DEC07	10	18DEC07	2	112		0.00	20,510.40
S3P2-110	Perform final metrology position check	19DEC07	3	21DEC07	2	112		0.00	6,153.12
S3P2-110.1	Remove temp interference strips&sensors	02JAN08	2	03JAN08	2	112		0.00	4,102.08
S3P2-111	Secure VV to MC's using temporary supports.	04JAN08	3	08JAN08	2	112		0.00	6,153.12
S4P2-114	Prepare Field Period for shipment	09JAN08	2	10JAN08		112		0.00	4,102.08
S4P2-115	Transfer completed assy to C-site test cell	11JAN08	2	14JAN08		112		0.00	6,836.80
Station 3-Assemble Mod Coils and VVSA-FP#3									
S3P3-101	Mount VV to MC turning fixt base; metr check	31JAN08	4	05FEB08		100		0.00	4,102.08
S3P3-101.1	Attach local protective strips to VV&locate sens	06FEB08	3	08FEB08		100		0.00	2,734.72
S2P3-201	Assemble/Disassemble abc -abc6 (Stage 3 fixture)	18JAN08	16	08FEB08		100		0.00	30,765.60
S3P3-102	Mount MC on crane; perform metr checks	11FEB08	2	12FEB08		100		0.00	4,102.08
S3P3-103	Rotate right MC to stand-off position&chk	13FEB08	3	15FEB08		100		0.00	6,153.12
S3P3-104	Transfer load to supt sysand recheck position	18FEB08	2	19FEB08		100		0.00	4,102.08
S3P3-105	Move MC turning fixt; mount MC on crane	20FEB08	1	20FEB08		100		0.00	2,051.04
S3P3-106	Rotate left MC to stand-off position and check p	21FEB08	2	22FEB08		100		0.00	4,102.08
S3P3-107	Move left & right MC to final position & measure	25FEB08	2	26FEB08		100		0.00	4,102.08
S3P3-108	Pot 3 packs together	05MAR08	10	18MAR08		100		0.00	20,510.40
S3P3-109	Bolt together at flange interface.	27FEB08	5	04MAR08		100		0.00	10,255.20
S3P3-110	Perform final metrology position check	19MAR08	3	21MAR08		100		0.00	6,153.12
S3P3-110.1	Remove temp interference strips&sensors	24MAR08	2	25MAR08		100		0.00	4,102.08
S3P3-111	Secure VV to MC's using temporary supports.	26MAR08	3	28MAR08		100		0.00	6,153.12
S4P3-114	Prepare Field Period for shipment	31MAR08	2	01APR08	2	100		0.00	4,102.08
S4P3-115	Transfer completed assy to C-site test cell	02APR08	1	02APR08	2	100		0.00	6,836.80



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)	Proposed Budget ECP-52
Station 4 -TF Coil Assembly									
Job: 1803- FP Assy Toolg/Constructability-BROWN									
Station 4-TF Coil Sub-assembly									
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A			100	14,265.00	14,265.00
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A			100	10,704.00	10,704.00
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A			100	21,397.50	21,397.50
1803-4.01A	Requirements finalized	15NOV06*	10	30NOV06		204		0.00	2,845.76
1803-4.06	Models&dwgs completed for TF suprt&rotation fixt	15NOV06*	20	14DEC06		174		0.00	28,457.60
1803-4.07	Structural Analysis	15DEC06*	20	19JAN07		174		0.00	28,457.60
1803-4.06A	Metrology layout	22JAN07	10	02FEB07		174		0.00	14,228.80
1803-4.10B	Assy sequence plan drafted	22JAN07	10	02FEB07		174		0.00	14,228.80
1803-4.10C	Dimensional control plan drafted	22JAN07	10	02FEB07		174		0.00	0.00
1803-4.08	PDR/FDR		0	02FEB07		174		0.00	0.00
1803-4.081	Dwgs/specs for tooling released for fab	05FEB07	10	16FEB07*		174		0.00	14,228.80
1803-4-105	Stage 4 dwg-SE130-XXX HALF PERIOD TF ASSY	05FEB07*	40	30MAR07		204		0.00	21,343.20
Job: 1806 - FP Assembly specs and drawings-COLE									
Station 4-TF Coil Sub-assembly									
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07		184		0.00	0.00
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
Station 4-TF Coil Sub-assembly									
1803-4.13A	Requisition issued	19FEB07	5	23FEB07		174		0.00	0.00
1803-4.13B	Receive bids and evaluate	26FEB07	20	23MAR07		174		0.00	0.00
1803-4.13C	Award Fabrication contract		0	23MAR07		174		0.00	0.00
1803-4.13	FAB-TF Support Stands (1)	26MAR07	50	04JUN07		174		0.00	35,646.00
1351-090	PPPL Fab TF Coil Lift Beam (M1098)	02JAN07*	30	12FEB07		661		0.00	13,315.20
Job:1810 - Field Period Assembly-VIOLA									
Station 4 - TF HP Pre-Assy									
184-000	Test out station 4 equipment and procedures	20AUG07*	30	01OCT07		136		0.00	39,981.44
184-100	Assemble 3 TF coils&structure -Left-Period #1	05NOV07	15	23NOV07		112		0.00	30,765.60
184-105	Assemble 3 TF coils&structure -Right -Period #1	26NOV07	10	11DEC07		112		0.00	20,510.40
184-105AD	Assemble/disassemble TF 6 pac (FP#1)	12DEC07	10	03JAN08		112		0.00	20,510.40
184-110	Assemble 3 TF coils&structure -Left-Period #2	04JAN08	10	17JAN08		143		0.00	20,510.40
184-115	Assemble 3 TF coils&structure -Right -Period #2	18JAN08	10	31JAN08		143		0.00	20,510.40
184-115AD	Assemble/disassemble TF 6 pac (FP#2)	01FEB08	5	07FEB08		143		0.00	10,255.20
184-120	Assemble 3 TF coils&structure -Left -Period #3	08FEB08	10	21FEB08		149		0.00	20,510.40
184-125	Assemble 3 TF coils&structure -Right -Period #3	01MAY08	10	14MAY08		100		0.00	20,510.40
184-125AD	Assemble/disassemble TF 6 pac (FP#3)	15MAY08	5	21MAY08		100		0.00	10,255.20
Statiion 5-Final Field Period Assembly									
Job: 1803- FP Assy Toolg/Constructability-BROWN									
Station 5-Final Field Period Assembly									
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A			100	10,704.00	10,704.00
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A			100	14,265.00	14,265.00
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A			100	32,592.00	32,592.00
1803-5.003	Models & dwgs completed	06FEB07*	25	12MAR07		141		0.00	35,572.00



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)	Proposed Budget ECP-52
1803-5.1	Requirements finalized	23JAN07*	10	05FEB07		141		0.00	2,845.76
1803-5.004	Structural Analysis	13FEB07	20	12MAR07		141		0.00	28,457.60
1803-5.200	Metrology layout	13MAR07	10	26MAR07		141		0.00	14,228.80
1803-5.101	Assy sequence plan drafted	13MAR07	10	26MAR07		141		0.00	14,228.80
1803-5.102	Dimensional control plan drafted	13MAR07*	10	26MAR07		141		0.00	0.00
1803-5.005	PDR/FDR		0	26MAR07		141		0.00	0.00
1803-5.007	Dwgs/Specs for tooling released for fab	27MAR07	10	09APR07		141		0.00	14,228.80
Job: 1806 - FP Assembly specs and drawings-COLE									
Station 5-Final Field Period Assembly									
1203-802	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07		287	80	5,423.55	18,982.43
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07		138		0.00	13,752.00
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD	05FEB07*	44	05APR07		213		0.00	20,628.00
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD	08MAR07*	44	08MAY07		190		0.00	35,095.20
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK									
Station 5-Final Field Period Assembly									
1803-5.08A	Requisition Issued	10APR07	5	16APR07		141		0.00	0.00
1803-5.08B	Receive bids and evaluate	17APR07	20	14MAY07		141		0.00	0.00
1803-5.008	Award fabrication contract		0	14MAY07		141		0.00	0.00
1803-5.009	Fabr suprt frame, TF coil instl fixt, & platform	15MAY07*	60	08AUG07		141		0.00	104,196.00
Job:1810 - Field Period Assembly-VIOLA									
Station 5- Final FP Assy -FP#1 (in NCSX TC)									
S3P1-112	Install on support platform	18MAR08	2	19MAR08		168		0.00	4,102.08
S4P1-100	Testout Sta5 equipt & procedures	05SEP07	15	25SEP07		138		0.00	29,959.20
S4P1-101	Mount MC/VV assembly to support frame a	26SEP07	2	27SEP07		138		0.00	3,994.56
S4P1-102	Position and weld all ports to VV	05NOV07	30	18DEC07	2	112		0.00	82,041.60
S4P1-103	Inspect Welds	19DEC07	5	03JAN08		112		0.00	6,836.80
S4P1-104	Assemble left TF Coil Assembly check position	04JAN08	3	08JAN08		112		0.00	8,204.16
S4P1-105	Change platforms	09JAN08	2	10JAN08		112		0.00	4,102.08
S4P1-106	Assemble right TF Coil Assembly chk position	11JAN08	3	15JAN08		112		0.00	8,204.16
S4P1-107	Attach TF coils to MC's	16JAN08	3	18JAN08		112		0.00	6,153.12
S4P1-108	Change platforms	21JAN08	2	22JAN08		112		0.00	5,469.44
S4P1-109	Position, weld two large horizontal diag ports	23JAN08	8	01FEB08		112		0.00	16,408.32
S4P1-110	Inspect Welds	04FEB08	1	04FEB08		112		0.00	1,367.36
S4P1-111	Assemble external trim coils (in wbs75)	16JAN08	0	15JAN08		126		0.00	0.00
S4P1-112	Close up VV, leak check	05FEB08	10	18FEB08		112		0.00	54,694.40
S4P1-113	Adjust final support base interfaces	19FEB08	10	03MAR08		112		0.00	4,102.08
S4P1-113.5	Final metrology outside & inside	04MAR08	10	17MAR08		112		0.00	0.00
Station 5- Final FP Assy -FP#2 (in NCSX TC)									
S3P2-112	Install on support platform	19MAY08	2	20MAY08		124		0.00	4,102.08
S4P2-101	Mount MC/VV assembly to support frame a	15JAN08	2	16JAN08		124		0.00	4,102.08
S4P2-102	Position and weld all ports to VV	17JAN08	30	27FEB08	2	124		0.00	82,041.60
S4P2-103	Inspect Welds	28FEB08	5	05MAR08		124		0.00	6,836.80
S4P2-104	Assemble left TF Coil Assembly check position	06MAR08	3	10MAR08		124		0.00	8,204.16
S4P2-105	Change platforms	11MAR08	2	12MAR08		124		0.00	4,102.08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S4P2-106	Assemble right TF Coil Assembly chk position	13MAR08	3	17MAR08		124		0.00	8,204.16
S4P2-107	Attach TF coils to MC's	18MAR08	3	20MAR08		124		0.00	6,153.12
S4P2-108	Change platforms	21MAR08	2	24MAR08		124		0.00	5,469.44
S4P2-109	Position, weld two large horizontal diag ports	25MAR08	8	03APR08		124		0.00	16,408.32
S4P2-110	Inspect Welds	04APR08	1	04APR08		124		0.00	1,367.36
S4P2-111	Assemble external trim coils (in wbs75)	18MAR08	0	17MAR08		138		0.00	0.00
S4P2-112	Close up VV, leak check	07APR08	10	18APR08		124		0.00	54,694.40
S4P2-113	Adjust final support base interfaces	21APR08	10	02MAY08		124		0.00	4,102.08
S4P2-113.5	Final metrology outside & inside	05MAY08	10	16MAY08		124		0.00	0.00
Station 5- Final FP Assy -FP#3 (in NCSX TC)									
S3P3-112	Install on support platform	30JUN08	2	01JUL08		100		0.00	4,102.08
S4P3-101	Mount MC/VV assembly to support frame a	03APR08	2	04APR08	2	100		0.00	4,102.08
S4P3-102	Position and weld all ports to VV*2 shift*	07APR08	30	16MAY08	2	100		0.00	82,041.60
S4P3-103	Inspect Welds	19MAY08	3	21MAY08	2	100		0.00	6,836.80
S4P3-104	Assemble left TF Coil Assembly check position	22MAY08	1	22MAY08	2	100		0.00	8,204.16
S4P3-105	Change platforms	23MAY08	1	23MAY08	2	100		0.00	4,102.08
S4P3-106	Assemble right TF Coil Assembly chk position	27MAY08	2	28MAY08	2	100		0.00	8,204.16
S4P3-107	Attach TF coils to MC's	29MAY08	1	29MAY08	2	100		0.00	6,153.12
S4P3-108	Change platforms	30MAY08	1	30MAY08	2	100		0.00	5,469.44
S4P3-109	Position, weld two large horizontal diag ports	02JUN08	4	05JUN08	2	100		0.00	16,408.32
S4P3-110	Inspect Welds	06JUN08	1	06JUN08	2	100		0.00	1,367.36
S4P3-111	Assemble external trim coils (in wbs75)	29MAY08	0	28MAY08	2	107		0.00	0.00
S4P3-112	Close up VV, leak check	09JUN08	5	13JUN08	2	100		0.00	54,694.40
S4P3-113	Adjust final support base interfaces	16JUN08	5	20JUN08	2	100		0.00	4,102.08
S4P3-113.5	Final metrology outside & inside	23JUN08	5	27JUN08	2	100		0.00	0.00
S4P3-115X	Last field period assembled		0	27JUN08	2	100		0.00	0.00