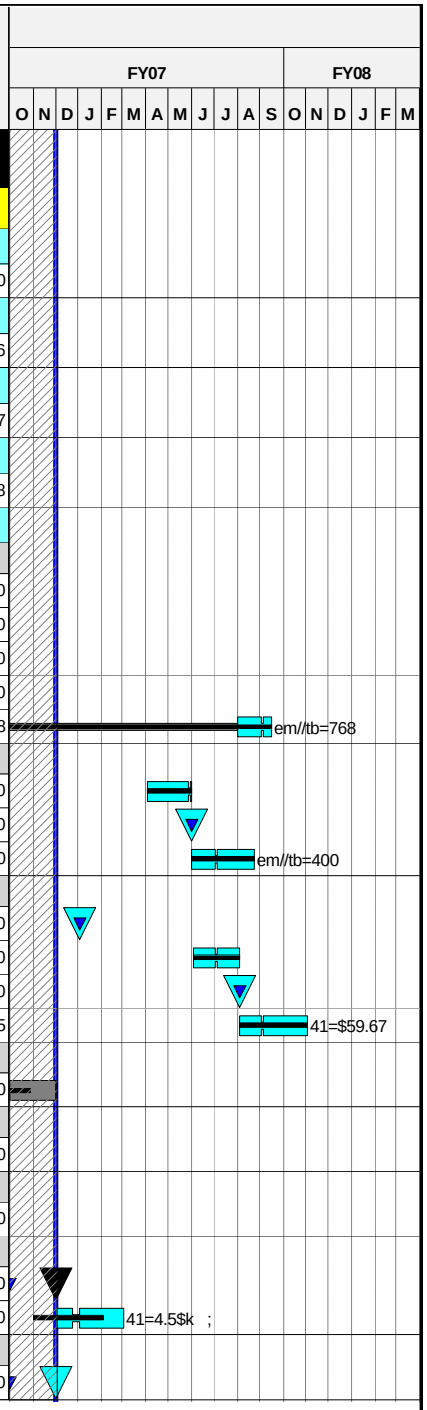
cc 9450 - NCSX Fabrication (MIE)

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
12 - Vacuum Vessel Systems											
+ Job: 1201 - Vacuum Vessel Prelim Dsn-CLOSED****											
		01APR03A	133	07OCT03A	**07OCT03A**			**100**	424,420.00	424,420.00	424,420.00
+ Job: 1202 - Vacuum Vessel R&D **CLOSED**											
		01APR03A	636	30SEP05A	**30SEP05A**			**100**	1,770,181.86	1,770,181.86	1,770,181.86
+ Job: 1206 - VV Field Weld Joint R&D-CLOSED****											
		29APR04A	359	30SEP05A	**30SEP05A**			**100**	15,639.37	15,639.37	15,639.37
+ Job: 1203 - Vacuum Vessel Final DsnCLOSED****											
		01OCT03A	756	29SEP06A	**31AUG06A**			**100**	1,217,839.08	1,217,839.08	1,217,839.08
Job:1204-VV Sys Procurements (non VVSA)-DUDEK											
VV Vertical Supports											
124-030.0	Release dwg package for fab VV Vertical Supports	30SEP05A	0						0.00	0.00	0.00
124-037A	Bid award Titanium Rod ends (PE6383)	01DEC05A	45	22DEC05A	**22DEC05A**				0.00	0.00	0.00
124-037B	Deliver Titanium Rod ends (PE6383)	22DEC05A	86*	28APR06A	**28APR06A**				0.00	0.00	0.00
124-037C	Deliver Misc hardware (PE 006209)	31MAR06A	60	31MAR06A	**31MAR06A**				0.00	0.00	0.00
124-037	PPPL Fab VV Vert. Supports (log # M1091)	01DEC05A	197*	14SEP07	**14SEP07**		**133**	**50**	31,383.99	62,767.98	62,767.98
VV Lateral Supports											
124-030L	SPEA VV Lateral Supports WBS 124	02APR07*	43	31MAY07	**31MAY07**		**147**		0.00	0.00	0.00
124-036.9L	Award VV Lateral Supports WBS 124		0	31MAY07*	**31MAY07***		**147**		0.00	0.00	0.00
124-037L	VV Lateral Supports Fab by PPPL WBS 124	01JUN07	60	24AUG07	**24AUG07**		**147**		0.00	33,288.00	33,288.00
VV Personnel Access Port											
124-100	Issue req & dwg package NB port cover	02JAN07*	0				**220**		0.00	0.00	0.00
124-110	SPEA VV NB port cover	04JUN07*	43	02AUG07	**02AUG07**		**112**		0.00	0.00	0.00
124-120	Award VV NB port cover		0	02AUG07	**02AUG07**		**112**		0.00	0.00	0.00
124-130	VV NB port cover Fabrication (for 3 inconnel	03AUG07	65	02NOV07	**02NOV07**		**112**		0.00	83,836.35	83,836.35
+ VV Heating/Cooling Tubing											
		31MAY06A	128	30NOV06A	**27OCT06**				130,245.00	130,245.00	130,245.00
+ VV Heater Tape											
		31MAY06A	1	31MAY06A	**31MAY06A**			**100**	16,452.00	16,452.00	16,452.00
+ VV H/C Manifolds & Headers											
		03JAN06A	106	31MAY06A	**31MAY06A**			**100**	65,808.00	65,808.00	65,808.00
VV Local I&C											
125-036	Issue Procurement Package Local I&C WBS 125	01DEC06A	0						0.00	0.00	0.00
125-037	Issue req, Award & fab local I&C WBS 125	01DEC06*	60	02MAR07	**02FEB07**		**187**		0.00	6,169.50	6,169.50
Thermal Insulation											
123-035	Issue Proc Pkg for insulation boots WBS 122	01DEC06*	0				**370**		0.00	0.00	0.00



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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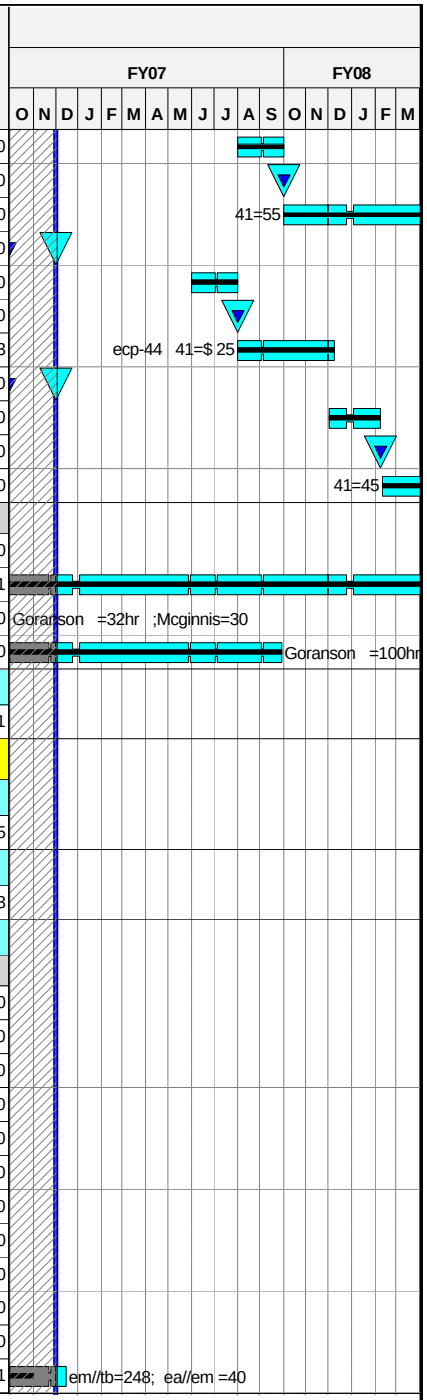
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07	01OCT07		205		0.00	0.00	0.00
123-045	Award Insulation Boots WBS 122		0	01OCT07	01OCT07		205		0.00	0.00	0.00
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08	11APR08		205		0.00	77,275.00	77,275.00
122-040	Prep spec and req Port Thermal Insulation	01DEC06*	0				242		0.00	0.00	0.00
122-035	SPEA Port Thermal Insulation	01JUN07*	43	01AUG07	01AUG07		119		0.00	0.00	0.00
122-041	Award Port Thermal Insulation		0	01AUG07	01AUG07		119		0.00	0.00	0.00
122-051	Deliver Port Thermal Insulation	02AUG07	89	07DEC07	07DEC07		119		0.00	34,733.43	34,733.43
122-030.0	Prep spec and req Pourable Insulation	01DEC06*	0				416		0.00	0.00	0.00
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08	08FEB08		166		0.00	0.00	0.00
122-036.9	Award Pourable Insulation		0	08FEB08	08FEB08		166		0.00	0.00	0.00
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08	13JUN08		166		0.00	63,225.00	63,225.00
1204-901.5	ECP45 FY06 cv	01OCT05A	43	31MAR06A	31MAR06A			LOE	62,500.00	62,500.00	62,500.00
122-031	Title III engr WBS 12 non vvsa PPPL	01FEB06A	669*	30SEP08	30SEP08		511	LOE	1,242.23	3,918.71	3,918.71
122-032	Title III engr WBS 12 non vvsa ORNL FY06	01FEB06A	170*	29SEP06A	29SEP06A			LOE	10,459.40	10,459.40	10,459.40
122-033	Title III engr WBS 12 non vvsa ORNL FY07	02OCT06A	249*	28SEP07	28SEP07		761	LOE	5,752.12	34,036.20	34,036.20
+ Job: 1250 - Vacuum Vessel FabricationCLOSED****											
		21MAY04A	592	29SEP06A	21SEP06A				5,808,603.01	5,808,603.01	5,808,603.01
13 - Conventional Coils											
+ Job: 1301 - TF Design-KALISHCLOSED****											
		01APR03A	885	29SEP06A	28APR06A				970,652.65	970,652.65	970,652.65
+ Job: 1350 TF Coil Fab Prep-CHRZANOWSKICLOSED****											
		01OCT04A	373	31MAR06A	31MAR06A				547,015.03	547,015.03	547,015.03
Job: 1351 - TF Coil Fabr Supplies-KALISH											
TF Materials & Supplies											
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				14,000.00	14,000.00	14,000.00
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A	31MAY05A			100	0.00	0.00	0.00
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A	03JUN05A			100	0.00	0.00	0.00
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A	30JUN05A			100	0.00	0.00	0.00
1301FD-77	Award TF conductor		0	30JUN05A	30JUN05A			100	0.00	0.00	0.00
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A	29JUL05A			100	0.00	0.00	0.00
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A	18AUG05A			100	0.00	0.00	0.00
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	123*	23DEC05A	23DEC05A			100	133,864.50	133,864.50	133,864.50
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A	31JAN06A			100	89,115.00	89,115.00	89,115.00
1351-533	Lead spur material	03SEP05A	206*	31MAR06A	31MAR06A			100	32,025.00	32,025.00	32,025.00
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	128*	30JUN06A	30JUN06A			100	109,680.00	109,680.00	109,680.00
1351-534	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	141*	15DEC06	31OCT06		957	76	20,810.76	27,382.58	27,278.21



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Forecast
zECP-52 baseline
Progress Bar
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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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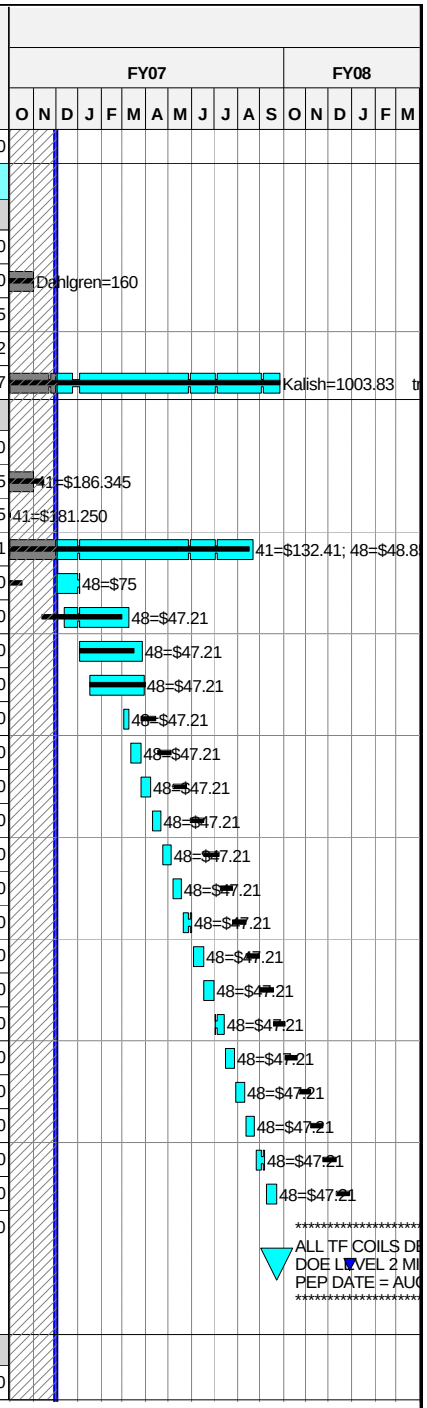
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
13ECP44-05	ECP45 FY06 cv	03OCT05A	2	31MAR06A	**31MAR06A**				63,960.00	63,960.00	63,960.00
Job: 1361 - TF Fabrication-KALISH											
TF Title III and Fabrication Oversight											
13ECP44-06	ECP45 FY06 cv	03OCT05A	2	31MAR06A	**31MAR06A**				37,220.00	37,220.00	37,220.00
1301FD-05	Anaylsis Check	01MAR05A	423*	31OCT06A	**31OCT06**			**100**	27,374.70	27,374.70	27,374.70
131-031	Title III engr	10OCT05A	182*	28APR06A	**28APR06A**			**LOE**	50,809.85	50,809.85	50,809.85
131-032	Title III engr	01MAY06A	354*	29SEP06A	**29SEP06A**			**LOE**	79,774.72	79,774.72	79,774.72
131-033	Title III engr	02OCT06A	247*	26SEP07	**26SEP07**		**763**	**LOE**	32,459.49	190,938.20	190,922.37
TF Fabrication Contract											
1361C-001	Contract Awarded	28APR06A	0						0.00	0.00	0.00
1361C-005	Tooling	28APR06A	143*	31OCT06A	**14NOV06**			**100**	255,485.85	255,485.85	255,485.85
1361C-007	Wedge Material and engineering(1)	01SEP06A	43	29SEP06A	**29SEP06A**			*	248,493.75	248,493.75	248,493.75
1361C-010	Wedge Material and engineering(2)	02OCT06A	228*	20AUG07	**17AUG07**		**807**	*	191,792.61	230,384.11	230,384.11
1361C-009	Tooling (nose machining) (Climax)	01DEC06*	22	02JAN07	**16OCT06**		**969**		0.00	75,000.00	75,000.00
1361C-101	Fab, Test & Deliver Coil #1	12DEC06	63*	09MAR07	**28FEB07**		**285**		0.00	47,210.00	47,210.00
1361C-102	Fab, Test & Deliver Coil #2	02JAN07	60*	26MAR07	**16MAR07**		**274**		0.00	47,210.00	47,210.00
1361C-103	Fab, Test & Deliver Coil #3	15JAN07	54*	29MAR07	**30MAR07**		**271**		0.00	47,210.00	47,210.00
1361C-104	Fab, Test & Deliver Coil #4	02MAR07*	6*	09MAR07	**13APR07***		**256**		0.00	47,210.00	47,210.00
1361C-105	Fab, Test & Deliver Coil #5	12MAR07	10*	23MAR07	**04MAY07**		**256**		0.00	47,210.00	47,210.00
1361C-106	Fab, Test & Deliver Coil #6	26MAR07	10*	06APR07	**25MAY07**		**256**		0.00	47,210.00	47,210.00
1361C-107	Fab, Test & Deliver Coil #7	09APR07	10*	20APR07	**15JUN07**		**256**		0.00	47,210.00	47,210.00
1361C-108	Fab, Test & Deliver Coil #8	23APR07	10*	04MAY07	**06JUL07**		**256**		0.00	47,210.00	47,210.00
1361C-109	Fab, Test & Deliver Coil #9	07MAY07	10*	18MAY07	**25JUL07**		**256**		0.00	47,210.00	47,210.00
1361C-110	Fab, Test & Deliver Coil #10	21MAY07	9*	01JUN07	**13AUG07**		**256**		0.00	47,210.00	47,210.00
1361C-111	Fab, Test & Deliver Coil #11	04JUN07	10*	15JUN07	**29AUG07**		**256**		0.00	47,210.00	47,210.00
1361C-112	Fab, Test & Deliver Coil #12	18JUN07	10*	29JUN07	**17SEP07**		**256**		0.00	47,210.00	47,210.00
1361C-113	Fab, Test & Deliver Coil #13	02JUL07	9*	13JUL07	**03OCT07**		**256**		0.00	47,210.00	47,210.00
1361C-114	Fab, Test & Deliver Coil #14	16JUL07	10*	27JUL07	**19OCT07**		**256**		0.00	47,210.00	47,210.00
1361C-115	Fab, Test & Deliver Coil #15	30JUL07	10*	10AUG07	**06NOV07**		**256**		0.00	47,220.00	47,220.00
1361C-116	Fab, Test & Deliver Coil #16	13AUG07	10*	24AUG07	**22NOV07**		**256**		0.00	47,220.00	47,220.00
1361C-117	Fab, Test & Deliver Coil #17	27AUG07	9*	07SEP07	**11DEC07**		**256**		0.00	47,220.00	47,220.00
1361C-118	Fab, Test & Deliver Coil #18	10SEP07	10*	21SEP07	**28DEC07**		**256**		0.00	47,220.00	47,220.00
1351-195X	ALL TF COILS DELIVERED		0	21SEP07	**28DEC07**		**256**		0.00	0.00	0.00
TF Fabrication Completed tasks (Everson schedule											
ET-01	PO Award	01MAY06A	1	01MAY06A	**01MAY06A**			**100**	0.00	0.00	0.00



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Forecast
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Progress Bar
Critical Activity

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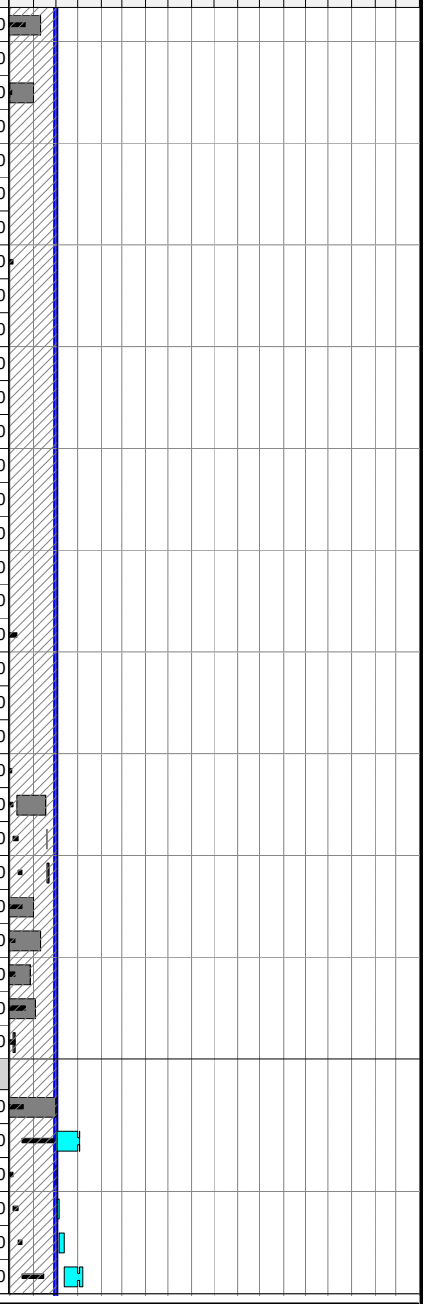
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
ET-02	Bending Test Program	22MAY06A	139*	10NOV06A	**20OCT06**			**100**	0.00	0.00	0.00
ET-03	Wedge Design Development	02MAY06A	25	05JUN06A	**05JUN06A**			**100**	0.00	0.00	0.00
ET-04	Wedge Programming & Inspection	01OCT06A	0*	31OCT06A	**02OCT06**			**100**	0.00	0.00	0.00
ET-05	Brazing Fixture Design	26JUN06A	15	14JUL06A	**14JUL06A**			**100**	0.00	0.00	0.00
ET-06	Brazing Fixture Review	17JUL06A	5	21JUL06A	**21JUL06A**			**100**	0.00	0.00	0.00
ET-07	Brazing Fixture Finalize	24JUL06A	4	27JUL06A	**27JUL06A**			**100**	0.00	0.00	0.00
ET-08	Brazing Fixture Procurement	28JUL06A	45	01SEP06A	**01SEP06A**			**100**	0.00	0.00	0.00
ET-09	Brazing Head Procurement& fab	17JUL06A	77*	30AUG06A	**05OCT06**			**100**	0.00	0.00	0.00
ET-10	Winding Fixture Design	26JUN06A	10	07JUL06A	**07JUL06A**			**100**	0.00	0.00	0.00
ET-11	Winding Fixture Review	10JUL06A	5	14JUL06A	**14JUL06A**			**100**	0.00	0.00	0.00
ET-12	Winding Fixture Finalize	17JUL06A	3	19JUL06A	**19JUL06A**			**100**	0.00	0.00	0.00
ET-13	Winding Fixture Procurement	20JUL06A	51*	20SEP06A	**20SEP06A**			**100**	0.00	0.00	0.00
ET-14	Mold Fixture Design	26JUN06A	10	07JUL06A	**07JUL06A**			**100**	0.00	0.00	0.00
ET-15	Mold Fixture Review	10JUL06A	5	14JUL06A	**14JUL06A**			**100**	0.00	0.00	0.00
ET-16	Mold Fixture Finalize	17JUL06A	3	19JUL06A	**19JUL06A**			**100**	0.00	0.00	0.00
ET-18	Lifting Fixture Design	26JUN06A	10	07JUL06A	**07JUL06A**			**100**	0.00	0.00	0.00
ET-19	Lifting Fixture Review	10JUL06A	5	14JUL06A	**14JUL06A**			**100**	0.00	0.00	0.00
ET-20	Lifting Fixture Finalize	17JUL06A	3	19JUL06A	**19JUL06A**			**100**	0.00	0.00	0.00
ET-21	Lifting Fixture fab	20JUL06A	74*	29SEP06A	**10OCT06**			**100**	0.00	0.00	0.00
ET-22	Offset Fixture Design	14AUG06A	10	25AUG06A	**25AUG06A**			**100**	0.00	0.00	0.00
ET-23	Offset Fixture Review	28AUG06A	5	01SEP06A	**01SEP06A**			**100**	0.00	0.00	0.00
ET-24	Offset Fixture Finalize	04SEP06A	0*	08SEP06A	**08SEP06A**			**100**	0.00	0.00	0.00
ET-25	Offset Fixture Procurement	11SEP06A	37*	29SEP06A	**02OCT06**			**100**	0.00	0.00	0.00
ET-26	Wedge Milling Fixture Design	09OCT06A	39*	17NOV06A	**05OCT06**			**100**	0.00	0.00	0.00
ET-27	Wedge Milling Fixture Review	20NOV06A	1	20NOV06A	**11OCT06**			**100**	0.00	0.00	0.00
ET-28	Wedge Milling Fixture Finalize	21NOV06A	1	21NOV06A	**17OCT06**			**100**	0.00	0.00	0.00
ET-44	Develop Brazing Process Spec	21SEP06A	51*	31OCT06A	**16OCT06**			**100**	0.00	0.00	0.00
ET-48	Clean Room Construction	24JUL06A	94*	10NOV06A	**06OCT06**			**100**	0.00	0.00	0.00
ET-48.1	taping machine modifications	05SEP06A	63*	27OCT06A	**06OCT06**			**100**	0.00	0.00	0.00
ET-48.2	winding line setup	05SEP06A	63*	03NOV06A	**20OCT06**			**100**	0.00	0.00	0.00
ET-51	SS Casting Ingots	06OCT06A	0*	06OCT06A	**06OCT06**			**100**	0.00	0.00	0.00
TF Fabrication (Everson internal schedule)											
ET-17	Mold Fixture Procurement	20JUL06A	97*	01DEC06	**18OCT06**		**990**	**80**	0.00	0.00	0.00
ET-29	Wedge Milling Fixture Procurement	01DEC06	22*	02JAN07	**28NOV06**		**969**		0.00	0.00	0.00
ET-30	Wedge Milling Inspection Fixture Design	01DEC06*	1*	01DEC06	**05OCT06**		**966**		0.00	0.00	0.00
ET-31	Wedge Milling Inspection Fixture Review	04DEC06	3	06DEC06	**12OCT06**		**966**		0.00	0.00	0.00
ET-32	Wedge Milling Inspection Fixture Finalize	07DEC06	3	11DEC06	**17OCT06**		**966**		0.00	0.00	0.00
ET-33	Wedge Milling Inspection Fixture Procure	12DEC06	18	05JAN07	**15NOV06**		**966**		0.00	0.00	0.00



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Forecast
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Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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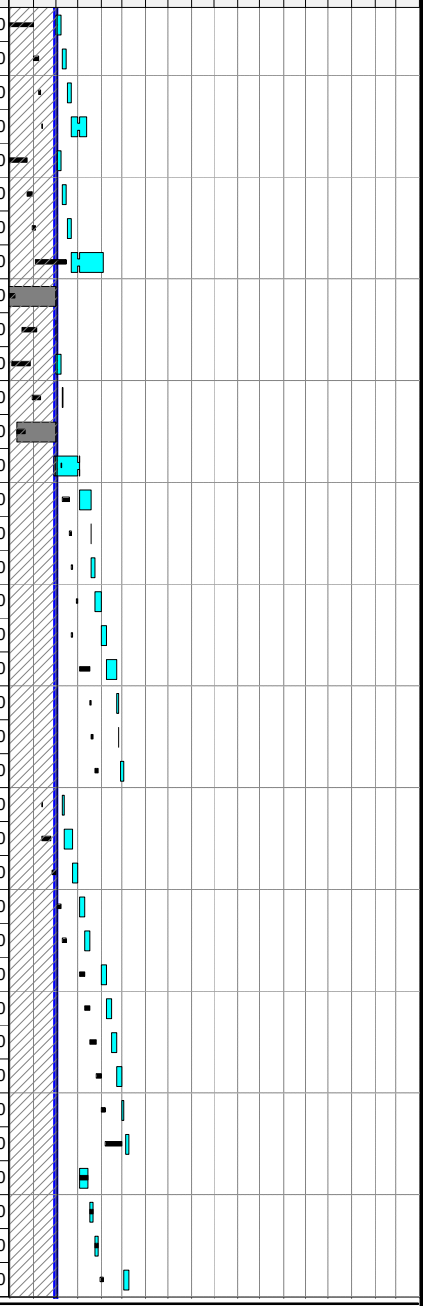
Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
ET-34	Shipping Fixture Design	01DEC06*	6*	08DEC06	31OCT06		963		0.00	0.00	0.00
ET-35	Shipping Fixture Review	11DEC06	5	15DEC06	07NOV06		963		0.00	0.00	0.00
ET-36	Shipping Fixture Finalize	18DEC06	3	20DEC06	10NOV06		963		0.00	0.00	0.00
ET-37	Shipping Fixture Procurement	21DEC06	14	10JAN07	10NOV06		963		0.00	0.00	0.00
ET-38	Shipping Container Design	04DEC06*	5*	08DEC06	23OCT06		947		0.00	0.00	0.00
ET-39	Shipping Container Review	11DEC06	5	15DEC06	30OCT06		947		0.00	0.00	0.00
ET-40	Shipping Container Finalize	18DEC06	3	20DEC06	02NOV06		947		0.00	0.00	0.00
ET-41	Shipping Container Procurement	21DEC06	30	01FEB07	14DEC06		947		0.00	0.00	0.00
ET-42	Procure raw materials	11SEP06A	60*	01DEC06	06OCT06		990	95	0.00	0.00	0.00
ET-45	Brazing Technician Qualification	01DEC06	1*	01DEC06	06NOV06		990	45	0.00	0.00	0.00
ET-46	MPO/Traveler Development	01DEC06*	6*	08DEC06	27OCT06		296	25	0.00	0.00	0.00
ET-47	MPO PPPL Review & Approval	11DEC06	0*	08DEC06	10NOV06		296	25	0.00	0.00	0.00
ET-50	Test Wind 1 Layer of Conductor	09OCT06A	40*	01DEC06	20OCT06		990	90	0.00	0.00	0.00
ET-52	1st off pair castings, rough machined OSTERBY	29NOV06A	24*	02JAN07	08DEC06		271	10	0.00	0.00	0.00
ET-53	Final Machining 1st set TESLA	03JAN07	10	16JAN07	19DEC06		271		0.00	0.00	0.00
ET-54	Mechanical Inspection	17JAN07	2	18JAN07	21DEC06		271		0.00	0.00	0.00
ET-55	Measure Permeability, Pack & Ship	19JAN07	2	22JAN07	22DEC06		271		0.00	0.00	0.00
ET-56	Receive Wedges for Coil #1 at everson	23JAN07*	6	30JAN07	29DEC06		271		0.00	0.00	0.00
ET-57	Batch #1 Castings (4), rough machined OSTERBY	31JAN07	6	07FEB07	22DEC06		271		0.00	0.00	0.00
ET-58	Final Machining sets 2&3 TESLA	08FEB07*	10	21FEB07	15JAN07		271		0.00	0.00	0.00
ET-59	Mechanical Inspection	22FEB07	1	22FEB07	17JAN07		271		0.00	0.00	0.00
ET-60	Measure Permeability, Pack & Ship	23FEB07	1	23FEB07	19JAN07		271		0.00	0.00	0.00
ET-61	Receive Wedges for Coil #2 & Coil #3	26FEB07	4	01MAR07	26JAN07		271		0.00	0.00	0.00
ET-62	Start Winding 1st Article Coil	11DEC06	1	11DEC06	13NOV06		296		0.00	0.00	0.00
ET-63	Coil #1 Winding	12DEC06	9	22DEC06	24NOV06		296		0.00	0.00	0.00
ET-64	Coil #1 Ground Insulation	25DEC06	5	29DEC06	01DEC06		296		0.00	0.00	0.00
ET-65	Coil #1 VPI	02JAN07	5	08JAN07	08DEC06		296		0.00	0.00	0.00
ET-66	Coil #1 Cold Test to VPI Coil Only	09JAN07	5	15JAN07	15DEC06		296		0.00	0.00	0.00
ET-67	Coil #1 Wedge-to-Coil VPI	31JAN07*	5	06FEB07	08JAN07		285		0.00	0.00	0.00
ET-68	Coil #1 Wedge Machining	07FEB07	5	13FEB07	15JAN07		285		0.00	0.00	0.00
ET-69	Coil #1 Final Inspection	14FEB07	5	20FEB07	24JAN07		285		0.00	0.00	0.00
ET-70	Coil #1 LN2 Testing	21FEB07	5	27FEB07	31JAN07		285		0.00	0.00	0.00
ET-71	Coil #1 Shipping	28FEB07	3	02MAR07	05FEB07		285		0.00	0.00	0.00
ET-72	1st Article Coil Review	05MAR07	5	09MAR07	28FEB07		285		0.00	0.00	0.00
ET-73	Coil #2 Winding	02JAN07*	9	12JAN07	12JAN07		295		0.00	0.00	0.00
ET-74	Coil #2 Ground Insulation	15JAN07	5	19JAN07	19JAN07		295		0.00	0.00	0.00
ET-75	Coil #2 VPI	22JAN07	5	26JAN07	26JAN07		295		0.00	0.00	0.00
ET-76	Coil #2 Wedge-to-Coil VPI	02MAR07	5	08MAR07	02FEB07		271		0.00	0.00	0.00



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Forecast
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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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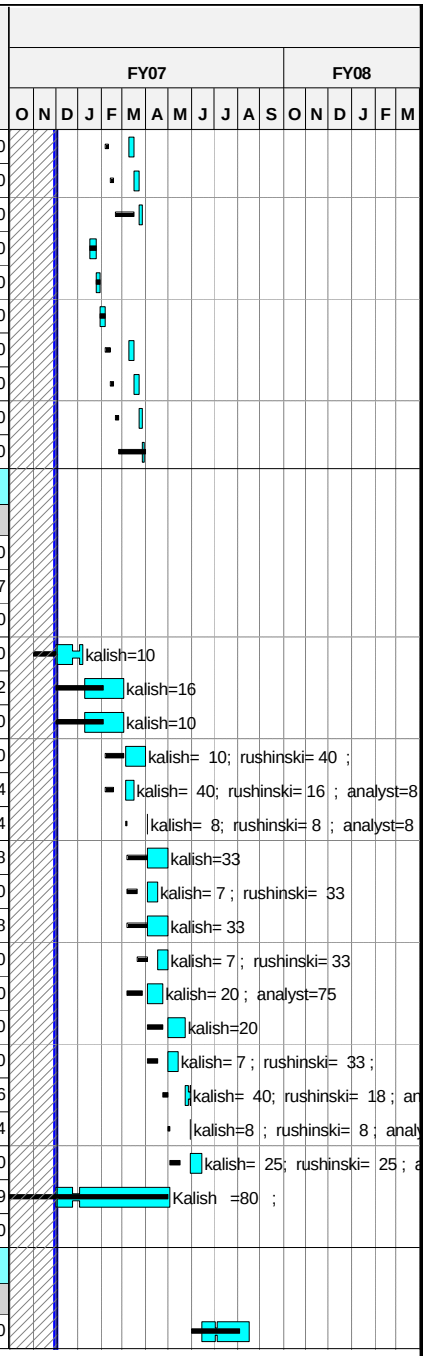
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
ET-77	Coil #2 Wedge Machining	09MAR07	5	15MAR07	**09FEB07**		**274**		0.00	0.00	0.00
ET-78	Coil #2 Final Inspection	16MAR07	5	22MAR07	**16FEB07**		**274**		0.00	0.00	0.00
ET-79	Coil #2 Shipping	23MAR07	2	26MAR07	**16MAR07**		**274**		0.00	0.00	0.00
ET-80	Coil #3 Winding	15JAN07*	7	23JAN07	**23JAN07**		**294**		0.00	0.00	0.00
ET-81	Coil #3 Ground Insulation	24JAN07	4	29JAN07	**29JAN07**		**294**		0.00	0.00	0.00
ET-82	Coil #3 VPI	30JAN07	5	05FEB07	**05FEB07**		**294**		0.00	0.00	0.00
ET-83	Coil #3 Wedge-to-Coil VPI	09MAR07	5	15MAR07	**12FEB07**		**271**		0.00	0.00	0.00
ET-84	Coil #3 Wedge Machining	16MAR07	4	21MAR07	**16FEB07**		**271**		0.00	0.00	0.00
ET-85	Coil #3 Final Inspection	22MAR07	4	27MAR07	**22FEB07**		**271**		0.00	0.00	0.00
ET-86	Coil #3 Shipping	28MAR07	2	29MAR07	**30MAR07**		**271**		0.00	0.00	0.00
Job: 1302 - PF Design -KALISH											
1302-PF	Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A	**30SEP05A**			**100**	7,601.50	7,601.50	7,601.50
1302-PFX	Start Preliminary Design	01FEB06A	64*	28APR06A	**28APR06A**			**100**	13,524.47	13,524.47	13,524.47
13ECP44-02	ECP45 FY06 cv	03OCT05A	2	31MAR06A	**31MAR06A**				-6,900.00	-6,900.00	-6,900.00
1302-200	Complete PF Coil SRD	01DEC06*	20	05JAN07	**30NOV06**		**230**		0.00	1,778.60	1,778.60
1302-205	Update PF Analysis	08JAN07	40	02MAR07	**02FEB07**		**230**		0.00	14,584.52	14,584.52
1302-210	PF Coil ICD	08JAN07	40	02MAR07	**02FEB07**		**250**		0.00	1,778.60	1,778.60
1302-215	Complete PDR PF Dwgs	05MAR07	20	30MAR07	**02MAR07**		**230**		0.00	8,893.00	8,893.00
1302-220	Prepare for PDR	05MAR07	10	16MAR07	**16FEB07**		**240**		0.00	11,383.04	11,383.04
1302-225	PDR	02APR07	1	02APR07	**05MAR07**		**230**		0.00	4,268.64	4,268.64
1302-230	Prepare PF Procurement Coil Spec	03APR07	20	30APR07	**02APR07**		**230**		0.00	5,869.38	5,869.38
1302-235	Detail Drawings PF4	03APR07	10	16APR07	**19MAR07**		**235**		0.00	7,114.40	7,114.40
1302-240	Disposition PDR Chits	03APR07	20	30APR07	**02APR07**		**245**		0.00	5,869.38	5,869.38
1302-245	Detail Drawings PF5	17APR07	10	30APR07	**02APR07**		**235**		0.00	7,114.40	7,114.40
1302-250	PF Stress analysis with leads	03APR07	15	23APR07	**26MAR07**		**250**		0.00	16,896.70	16,896.70
1302-255	Review PF Coil Procurement Spec	01MAY07	15	21MAY07	**23APR07**		**230**		0.00	3,557.20	3,557.20
1302-260	Detail Drawings PF6	01MAY07	10	14MAY07	**16APR07**		**235**		0.00	7,114.40	7,114.40
1302-265	Prepare for FDR	22MAY07	5	29MAY07	**30APR07**		**230**		0.00	11,738.76	11,738.76
1302-270	PF FDR	30MAY07	1	30MAY07	**01MAY07**		**230**		0.00	4,268.64	4,268.64
1302-275	Resolve Chits	31MAY07	10	13JUN07	**15MAY07**		**230**		0.00	13,339.50	13,339.50
133-010	Design WBS 134 Conv Coil I&C**ON HOLD UNTIL FY06	01DEC06	102	01MAY07	**30APR07**		**316**		0.00	14,228.80	13,756.99
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**			**100**	-22,000.00	-22,000.00	-22,000.00
Job: 1352 - PF Coil Procurement-KALISH											
PF Coil Fabrication											
141-035	Bid & Award PF Coils	14JUN07*	45	16AUG07	**03AUG07**		**230**		0.00	0.00	0.00



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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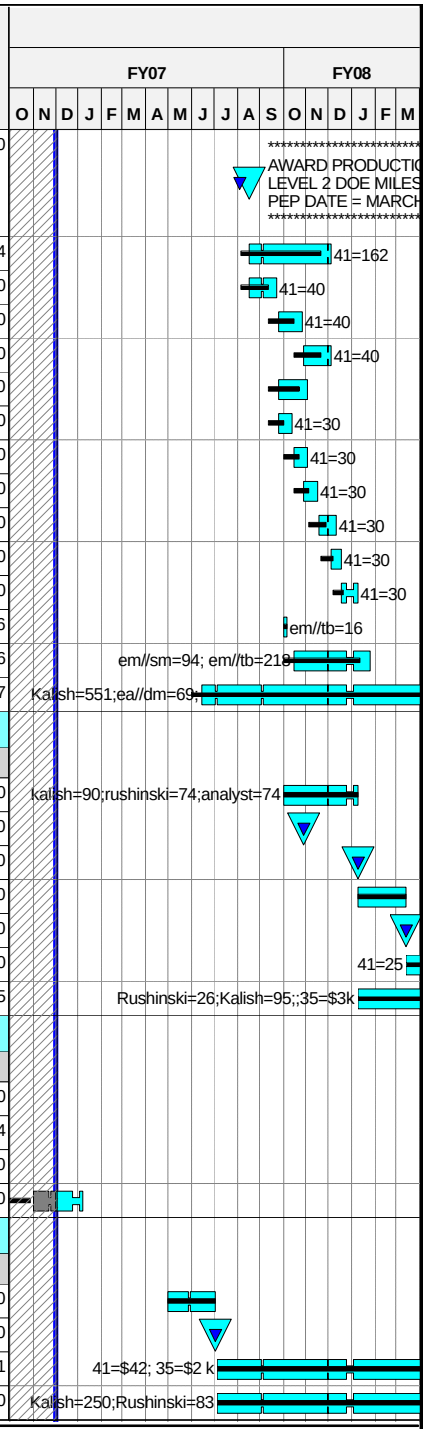
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
141-036	PF Coils Awarded		0	16AUG07	03AUG07		230		0.00	0.00	0.00
1352-100	Material & leads	17AUG07	75	04DEC07	19NOV07		230		0.00	225,406.80	224,745.84
1352-120	Tooling for PF 6	17AUG07	25	21SEP07	10SEP07		230		0.00	54,840.00	54,840.00
1352-115	Tooling for PF 5	24SEP07	25	26OCT07	15OCT07		230		0.00	55,928.00	55,438.40
1352-110	Tooling for PF 4	29OCT07*	25	04DEC07	19NOV07		230		0.00	56,200.00	56,200.00
1352-105	Tooling for PF 1,2 and 3 NOT REQ"D USE PF1a	24SEP07	30	02NOV07	22OCT07		736		0.00	0.00	0.00
1352-150	Fabricate/Dlvr PF 6 lower	24SEP07	15	12OCT07	01OCT07		275		0.00	41,810.00	41,198.00
1352-165	Fabricate/Dlvr PF 6 upper	15OCT07	15	02NOV07	22OCT07		322		0.00	42,150.00	42,150.00
1352-145	Fabricate/Dlvr PF 5 lower	29OCT07	15	16NOV07	05NOV07		250		0.00	42,150.00	42,150.00
1352-160	Fabricate/Dlvr PF 5 upper	19NOV07	15	11DEC07	26NOV07		297		0.00	42,150.00	42,150.00
1352-140	Fabricate/Dlvr PF 4 lower	05DEC07	10	18DEC07	05DEC07		230		0.00	42,150.00	42,150.00
1352-155	Fabricate/Dlvr PF 4 upper	19DEC07	10	10JAN08	19DEC07		282		0.00	42,150.00	42,150.00
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07	05OCT07		333		0.00	1,367.36	1,367.36
722.010	PF Coil receipt inspect/test (formerly wbs 183)	15OCT07	65	24JAN08	11JAN08		686		0.00	31,275.16	31,275.16
141-031	Title III engr WBS 132	14JUN07	268	10JUL08	26JUN08		568		0.00	112,411.90	112,312.17
Job: 1354 - Trim Coil Design &Procurement-KALISH											
Trim Coils											
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08	10JAN08		160		0.00	43,470.70	43,470.70
1303-136	Trim Coil PDR		0	29OCT07	29OCT07		169		0.00	0.00	0.00
1303-137	Trim Coil FDR		0	10JAN08	10JAN08		160		0.00	0.00	0.00
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08	13MAR08		160		0.00	0.00	0.00
184-036	Award External Trim Coils		0	13MAR08	13MAR08		160		0.00	0.00	0.00
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08	16JUL08		160		0.00	35,125.00	35,125.00
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08	06AUG08		549		0.00	27,479.65	27,479.65
Job: 1303 -Central Solenoid Support Dsn-DAHLGREN											
13ECP44-03	ECP45 FY06 cv	03OCT05A	2	31MAR06A	31MAR06A			100	10,010.00	10,010.00	10,010.00
1303-110	CS Support Design& analysis	03JAN06A	167*	25AUG06A	25AUG06A			100	106,872.84	106,872.84	106,872.84
1303-115	CS Support FDR		0	29AUG06A	29AUG06A			100	0.00	0.00	0.00
1303-120	FDR Chit followup & release drawings for fab	01NOV06A	20	05JAN07	27OCT06		290	80	0.00	0.00	0.00
Job: 1353 - CS Structure Procurement-DAHLGREN											
CS Support Structure											
163-035	Bid & Award CS Support Struct	01MAY07*	45	03JUL07	03JUL07		209		0.00	0.00	0.00
163-036.9	Award CS Support Structure		0	03JUL07	03JUL07		209		0.00	0.00	0.00
163-037	CS Support Structure Procurement/Fab	05JUL07*	190	09APR08	09APR08		209		0.00	62,123.41	62,123.41
163-015	Title III design CS sprt struc	05JUL07	294	05SEP08	05SEP08		528		0.00	60,491.50	60,491.50



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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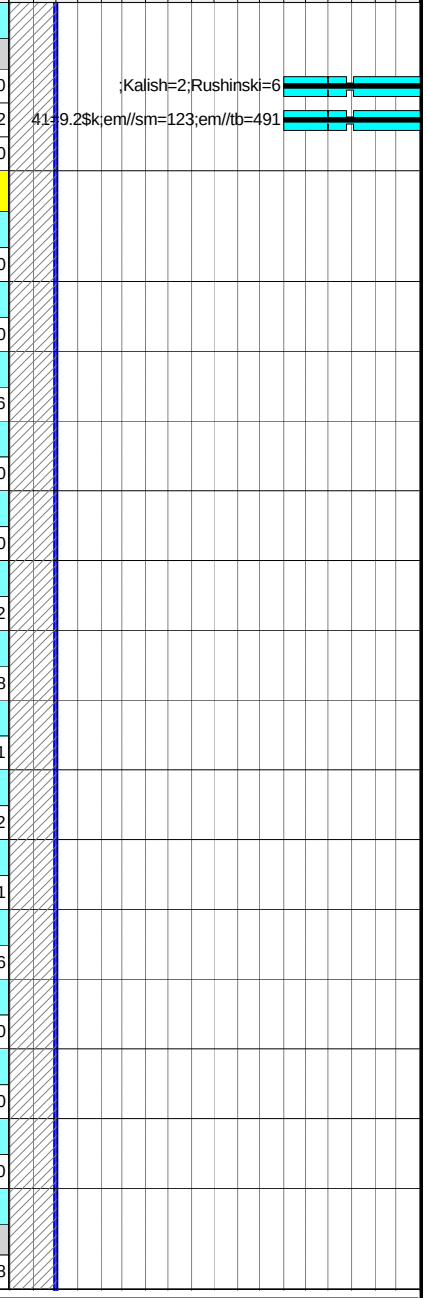
Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Job: 1355 - WBS 13 I&C Proc & Coil Assy-KALISH											
TF/PF Loacl I&C											
133-015	Title III WBS 134 Conv Coil I&C	*01OCT07**	*130*	*10APR08*	**10APR08**		***631***		0.00	1,461.20	1,461.20
133-037	Conv Coil I&C WBS 134 Proc & Install	*01OCT07**	*130*	*10APR08*	**10APR08**		***211***		0.00	71,432.82	71,432.82
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	*10APR08*	*15*	*30APR08*	**30APR08**		***209***		0.00	20,510.40	20,510.40
14 - Modular Coils											
+ Job: 1401 - Mod Coil Prel.DsnCLOSED****											
		01APR03A	*636*	*30SEP05A*	**30SEP05A**			***100***	304,040.00	304,040.00	304,040.00
+ Job: 1402 - Mod.Coil AnalysesCLOSED****											
		01APR03A	*636*	*30SEP05A*	**30SEP05A**			***100***	239,140.00	239,140.00	239,140.00
+ Job:1404-MCWF R&D & 1st Prod CastingCLOSED****											
		01APR03A	*636*	*30SEP05A*	**30SEP05A**			***100***	2,543,518.06	2,543,518.06	2,543,518.06
+ Job: 1413 -MCWF Fracture Analysis-CLOSED****											
		01OCT04A	*372*	*30MAR06A*	**30MAR06A**			***100***	27,819.40	27,819.40	27,819.40
+ Job: 1405-Mod Coil Winding R&D Prep-CLOSED****											
		01APR03A	*636*	*30SEP05A*	**30SEP05A**			***100***	168,070.00	168,070.00	168,070.00
+ Job: 1407 -Mod Coil Winding Facility-CLOSED****											
		01APR03A	*757*	*30MAR06A*	**30MAR06A**			***100***	2,571,373.12	2,571,373.12	2,571,373.12
+ Job: 1412 - Complete Winding Facilities-*CLOSED*											
		01OCT04A	*372*	*30MAR06A*	**30MAR06A**			***100***	540,996.88	540,996.88	540,996.88
+ Job: 1406 - Mod. Coil Winding R&D-CLOSED****											
		01APR03A	*757*	*30MAR06A*	**30MAR06A**			***100***	2,263,568.41	2,263,568.41	2,263,568.41
+ Job: 1410 MC Twisted Racetrack Fabr-CLOSED****											
		01OCT04A	*372*	*30MAR06A*	**30MAR06A**			***100***	1,049,971.32	1,049,971.32	1,049,971.32
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*											
		20OCT03A	*700*	*31JUL06A*	**31JUL06A**			***100***	825,941.31	825,941.31	825,941.31
+ Job: 1414 Coil Testing-GettelfingerCLOSED****											
		01OCT04A	*457*	*31JUL06A*	**31JUL06A**			***100***	674,833.26	674,833.26	674,833.26
+ Job: 1415 Dim Cntrl Testing-RAFTOPOLOUS*CLOSED**											
		01OCT04A	*251*	*30SEP05A*	**30SEP05A**			***100***	23,850.00	23,850.00	23,850.00
+ Job: 1419-Winding Fac. Mods-CHRZANOWSKI*CLOSED*											
		01OCT04A	*372*	*30MAR06A*	**30MAR06A**			***100***	55,210.00	55,210.00	55,210.00
+ Job: 1403 - Modular Coil Final Design-WILLIAMSON											
		01OCT03A	*756*	*29SEP06A*	**28APR06A**				3,310,569.50	3,310,569.50	3,310,569.50
Job: 1416-Mod Coil Type A&B Final Dsn-WILLIAMSON											
+ Prior Costs											
		02AUG04A	*543*	*29SEP06A*	**30JUN06A**				470,738.48	470,738.48	470,738.48



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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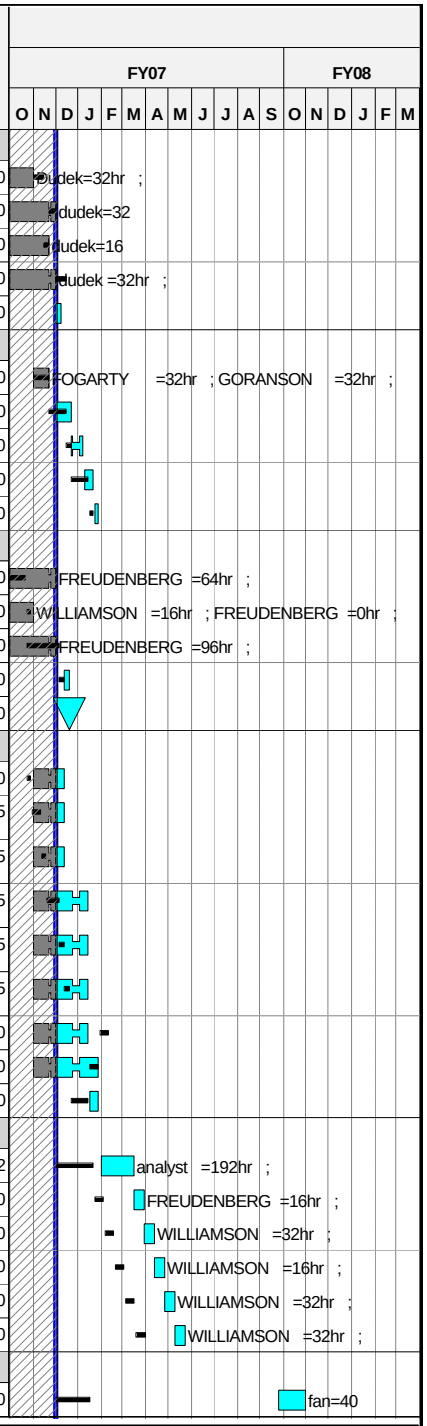
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Clamp hardware modifications											
1416-201	Evaluate and select clamp hardware modifications	02OCT06A	10	31OCT06A	**14NOV06**			**100**	5,673.60	5,673.60	5,673.60
1416-202	Revise assembly models/drawings	02OCT06A	42*	30NOV06A	**30NOV06**			**100**	5,673.60	5,673.60	5,673.60
1416-203	Prepare part dwgs / procurement documentation	02OCT06A	37*	21NOV06A	**21NOV06**			**100**	2,836.80	2,836.80	2,836.80
1416-204	Review and approve clamp hardware modifications	01OCT06A	42*	30NOV06A	**14DEC06**			**100**	5,673.60	5,673.60	5,673.60
1416-204.1	Modify Type-B clamps for stud attachment	01DEC06	5	07DEC06			**963**		0.00	16,753.20	0.00
Blanket thermal insulation											
1416-301	Investigate blanket insulation requirements and	01NOV06A	15	21NOV06A	**21NOV06**			**100**	11,001.60	11,001.60	11,001.60
1416-302	Prepare and test install insulation mockups on c	01DEC06	15	21DEC06	**14DEC06**		**111**		0.00	3,438.00	16,502.40
1416-303	Revise part dwgs / procurement documentation	22DEC06*	5	05JAN07	**21DEC06**		**111**		0.00	1,719.00	5,500.80
1416-304	Revise assembly models/drawings	08JAN07	10	19JAN07	**12JAN07**		**111**		0.00	3,438.00	11,001.60
1416-305	Review and approve insulation concept	22JAN07	5	26JAN07	**19JAN07**		**111**		0.00	5,157.00	5,500.80
Fiber optic gage qualification											
1416-401	Perform LN2 adhesion tests	02OCT06A	43*	30NOV06A	**20OCT06**			**100**	11,001.60	11,001.60	10,988.80
1416-402	Prepare purchase req for gages, adhesive	02OCT06A	5	31OCT06A	**27OCT06**			**100**	2,750.40	2,750.40	2,750.40
1416-403	Perform strain cycle tests	02OCT06A	45*	30NOV06A	**05DEC06**			**100**	16,502.40	16,502.40	16,502.40
1416-404	Review and approve fiber optic gage qualificatio	13DEC06	5	19DEC06	**12DEC06**		**112**		0.00	6,984.00	5,500.80
1416-403.1	FDR on location and method of attachment		0	19DEC06*			**955**		0.00	0.00	0.00
Top level assy models/drawings											
1416-405	Complete layout of T/Cs and strain gages	01NOV06A	28*	12DEC06	**27OCT06**		**112**	**70**	3,970.89	5,672.70	5,500.80
1416-501	Complete models/drawings of coolant line routing	01NOV06A	28*	12DEC06	**10NOV06**		**960**	**70**	7,941.78	11,345.40	5,497.35
1416-502	Check layout of flux loop terminations and revis	01NOV06A	28*	12DEC06	**17NOV06**		**960**	**70**	3,970.89	5,672.70	2,753.85
1416-503	Complete models/drawings of power cable connect	01NOV06A	45*	12JAN07	**05DEC06**		**943**	**70**	7,941.78	11,345.40	5,497.35
1416-504	Complete models/drawings of protective covers	01NOV06A	45*	12JAN07	**12DEC06**		**943**	**70**	3,970.89	5,672.70	2,753.85
1416-505	Drawing callouts for interface hdw (prelim model	01NOV06A	45*	12JAN07	**19DEC06**		**943**	**70**	7,941.78	11,345.40	2,753.85
1416-508	Complete drawing rev to leads, terminal asm (ECN	01NOV06A	45*	12JAN07	**09FEB07**		**943**	**70**	3,970.89	5,672.70	5,500.80
1416-507	Update, review and approve coil asm spec	01NOV06A	55*	26JAN07	**26JAN07**		**913**	**70**	7,941.78	11,345.40	5,500.80
1416-506	Check and promote top-level models/drawings	15JAN07	10	26JAN07	**12JAN07**		**913**		0.00	6,876.00	11,001.60
Analysis and closeout documentation											
1416-601	Prepare EM and structural analysis of leads	01FEB07*	30	14MAR07	**19JAN07**		**850**		0.00	34,149.12	34,149.12
1416-602	Design memo KF structural analysis	15MAR07	10	28MAR07	**02FEB07**		**850**		0.00	2,750.40	2,750.40
1416-603	Update, review and approve FMECA	29MAR07	10	11APR07	**16FEB07**		**850**		0.00	5,500.80	5,500.80
1416-604	Finalize draft documents - materials, eddy curre	12APR07	10	25APR07	**02MAR07**		**850**		0.00	2,750.40	2,750.40
1416-605	Prepare Type-ABC closeout FDR	26APR07	10	09MAY07	**16MAR07**		**850**		0.00	5,500.80	5,500.80
1416-606	Resolve FDR comments	10MAY07	10	23MAY07	**30MAR07**		**850**		0.00	5,500.80	5,500.80
Type C Design Closeout											
1403-47C	Cooldown/warmup analysis(req'd for cryostat dsn)	26SEP07	26	31OCT07	**15JAN07**		**151**		0.00	7,283.89	7,114.40



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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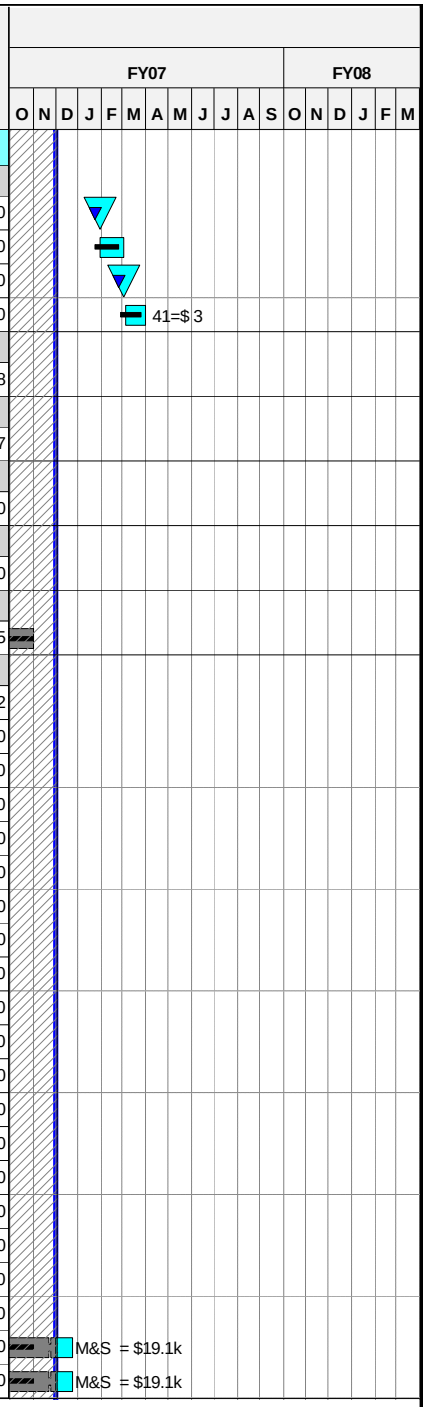
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Job:1408-Mod Coil Winding Supplies-CHRZANOWSKI											
Thermal Insulation											
122-050	Prep spec and req Blanket Thermal Insulation	29JAN07	0				111		0.00	0.00	0.00
122-055	SPEA Blanket Thermal Insulation	29JAN07	25	02MAR07	23FEB07		111		0.00	0.00	0.00
122-060	Award Blanket Thermal Insulation		0	02MAR07	23FEB07		111		0.00	0.00	0.00
122-065	Deliver Blanket Thermal Insulation	05MAR07	20	30MAR07	23MAR07		111		0.00	4,113.00	4,113.00
+ Prior Costs											
		01APR03A	657	31OCT05A	31OCT05A			100	204,658.48	204,658.48	204,658.48
+ Copper Conductor											
		02AUG04A	315	31OCT05A	31OCT05A			100	273,914.27	273,914.27	273,914.27
+ Insulation for conductor											
		09JUL04A	245	30JUN05A	30JUN05A			100	26,901.00	26,901.00	26,901.00
+ Groundwrap Insulation											
		03JAN05A	41	28FEB05A	28FEB05A			100	25,620.00	25,620.00	25,620.00
+ Cladding											
		01MAY05A	379	31OCT06A	01NOV06			100	95,169.45	95,169.45	95,169.45
Lead hardware & Fillers											
1408-705	Fabr Lead HW Type C for Coil c1	01JUL05A	131*	30DEC05A	30DEC05A			100	93,326.22	93,326.22	93,326.22
1408-707	Fabr Lead HW Type C for Coil c2	01JUL05A	131*	31JAN06A	31JAN06A			100	24,911.70	24,911.70	24,911.70
1408-701	Submet Requisition for Type C3-C6 Lead HW	01AUG05A	5	05AUG05A	05AUG05A			100	0.00	0.00	0.00
1408-703	Bid and Award Type C3-C6 Lead HW	08AUG05A	30	02DEC05A	02DEC05A			100	0.00	0.00	0.00
1408-709	Fabr Lead HW Type C for Coil c3	03JAN06A	20	31JAN06A	31JAN06A			100	26,186.10	26,186.10	26,186.10
1408-711	Fabr Lead HW Type C for Coil c4	03JAN06A	20	31JAN06A	31JAN06A			100	26,186.10	26,186.10	26,186.10
1408-713	Fabr Lead HW Type C for Coil c5	03JAN06A	20	31JAN06A	31JAN06A			100	26,186.10	26,186.10	26,186.10
1408-715	Fabr Lead HW Type C for Coil c6	03JAN06A	20	31JAN06A	31JAN06A			100	26,186.10	26,186.10	26,186.10
1408-721A	Fab & Deliver Lower lead blocks (PE006621)	31MAR06A	85*	03AUG06A	03AUG06A				0.00	0.00	0.00
1408-717	Submet Req for Type A Lead HW R403928	31MAR06A	5	31MAR06A	31MAR06A				0.00	0.00	0.00
1408-719	Bid and Award Type A Lead HW (PE006621 & 6646)	31MAR06A	25	14APR06A	14APR06A				0.00	0.00	0.00
1408-721	Fabr Lead HW Type A for Coil a1	01MAY06A	44*	30JUN06A	30JUN06A			100	26,186.10	26,186.10	26,186.10
1408-723	Fabr Lead HW Type A for Coil a2	01MAY06A	67*	31AUG06A	31AUG06A			100	26,186.10	26,186.10	26,186.10
1408-725	Fabr Lead HW Type A for Coil a3	01MAY06A	67*	31AUG06A	31AUG06A			100	26,186.10	26,186.10	26,186.10
1408-727	Fabr Lead HW Type A for Coil a4	01MAY06A	67*	31AUG06A	31AUG06A			100	26,186.10	26,186.10	26,186.10
1408-729	Fabr Lead HW Type A for Coil a5	01MAY06A	67*	31AUG06A	31AUG06A			100	26,186.10	26,186.10	26,186.10
1408-731	Fabr Lead HW Type A for Coil a6	01MAY06A	67*	31AUG06A	31AUG06A			100	26,186.10	26,186.10	26,186.10
1408-733	Submet Requisition for Type B Lead HW	09JUN06A	5	09JUN06A	09JUN06A				0.00	0.00	0.00
1408-735	Bid and Award Type B Lead HW	12JUN06A	20	23JUN06A	23JUN06A				0.00	0.00	0.00
1408-737	Fabr Lead HW Type B for Coil b1	23JUN06A	127*	22DEC06	01NOV06		952	94	24,614.93	26,186.10	26,186.10
1408-739	Fabr Lead HW Type B for Coil b2	23JUN06A	127*	22DEC06	01NOV06		237	94	24,614.93	26,186.10	26,186.10



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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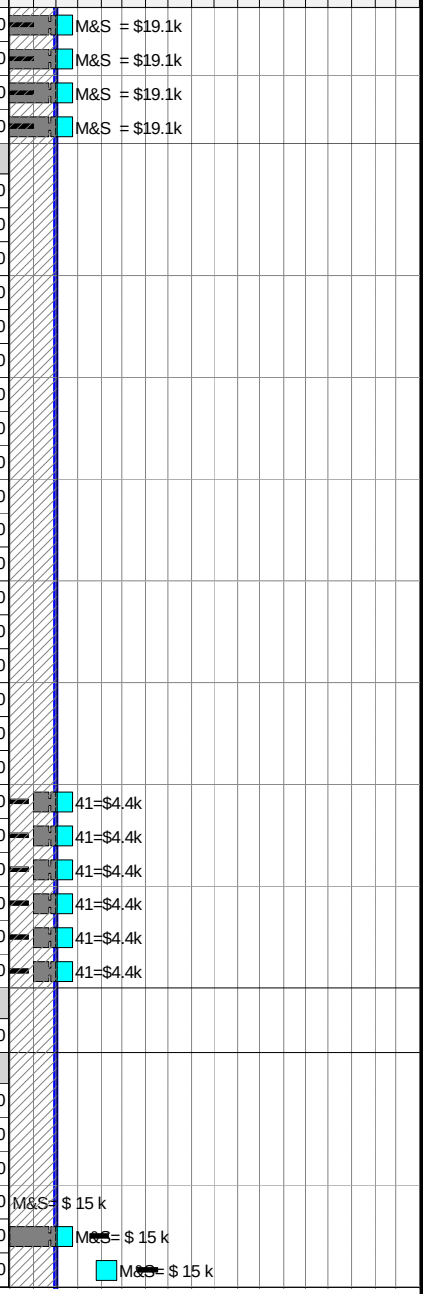
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1408-741	Fabr Lead HW Type B for Coil b3	23JUN06A	127*	22DEC06	01NOV06		145	94	24,614.93	26,186.10	26,186.10
1408-743	Fabr Lead HW Type B for Coil b4	23JUN06A	127*	22DEC06	01NOV06		172	94	24,614.93	26,186.10	26,186.10
1408-745	Fabr Lead HW Type B for Coil b5	23JUN06A	127*	22DEC06	01NOV06		191	94	24,614.93	26,186.10	26,186.10
1408-747	Fabr Lead HW Type B for Coil b6	23JUN06A	127*	22DEC06	01NOV06		218	94	24,614.93	26,186.10	26,186.10
Chill Plates											
1408-605	PPPL Fabr Chill Plts Type C for Coil c1	28NOV05A	20*	22DEC05A	22DEC05A			100	3,838.80	3,838.80	3,838.80
1408-601	Submet Requisition for Type C Chill Plts	28NOV05A	5	30NOV05A	30NOV05A			100	0.00	0.00	0.00
1408-603	Bid and Award Type C Chill Plts	01DEC05A	30	05DEC05A	05DEC05A			100	0.00	0.00	0.00
1408-607	Fabr Chill Plts Type C for Coil c2	03JAN06A	20	31JAN06A	31JAN06A			100	3,838.80	3,838.80	3,838.80
1408-609	Fabr Chill Plts Type C for Coil c3	03JAN06A	20	31JAN06A	31JAN06A			100	3,838.80	3,838.80	3,838.80
1408-611	Fabr Chill Plts Type C for Coil c4	03JAN06A	20	31JAN06A	31JAN06A			100	3,838.80	3,838.80	3,838.80
1408-613	Fabr Chill Plts Type C for Coil c5	03JAN06A	20	31JAN06A	31JAN06A			100	3,838.80	3,838.80	3,838.80
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A	31JAN06A			100	3,838.80	3,838.80	3,838.80
1408-617	Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A	14APR06A				0.00	0.00	0.00
1408-619	Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A	26APR06A				0.00	0.00	0.00
1408-621	Fabr Chill Plts Type A for Coil a1	01JUN06A	0*	30JUN06A	30JUN06A			100	6,032.40	6,032.40	6,032.40
1408-623	Fabr Chill Plts Type A for Coil a2	01JUN06A	51*	31AUG06A	31AUG06A			100	6,032.40	6,032.40	6,032.40
1408-625	Fabr Chill Plts Type A for Coil a3	01JUN06A	51*	31AUG06A	31AUG06A			100	6,032.40	6,032.40	6,032.40
1408-627	Fabr Chill Plts Type A for Coil a4	01JUN06A	51*	31AUG06A	31AUG06A			100	6,032.40	6,032.40	6,032.40
1408-629	Fabr Chill Plts Type A for Coil a5	01JUN06A	51*	31AUG06A	31AUG06A			100	6,032.40	6,032.40	6,032.40
1408-631	Fabr Chill Plts Type A for Coil a6	01JUN06A	51*	31AUG06A	31AUG06A			100	6,032.40	6,032.40	6,032.40
1408-633	Submet Requisition for Type B Chill Plts	31JUL06A	5	31JUL06A	31JUL06A				0.00	0.00	0.00
1408-635	Bid and Award Type B Chill Plts	01AUG06A	8	31AUG06A	31AUG06A				0.00	0.00	0.00
1408-637	Fabr Chill Plts Type B for Coil b1	01NOV06A	36*	22DEC06	26OCT06		111	52	3,136.85	6,032.40	6,032.40
1408-639	Fabr Chill Plts Type B for Coil b2	01NOV06A	36*	22DEC06	26OCT06		268	52	3,136.85	6,032.40	6,032.40
1408-641	Fabr Chill Plts Type B for Coil b3	01NOV06A	36*	22DEC06	26OCT06		176	52	3,136.85	6,032.40	6,032.40
1408-643	Fabr Chill Plts Type B for Coil b4	01NOV06A	36*	22DEC06	26OCT06		203	52	3,136.85	6,032.40	6,032.40
1408-645	Fabr Chill Plts Type B for Coil b5	01NOV06A	36*	22DEC06	26OCT06		222	52	3,136.85	6,032.40	6,032.40
1408-647	Fabr Chill Plts Type B for Coil b6	01NOV06A	36*	22DEC06	26OCT06		249	52	3,136.85	6,032.40	6,032.40
+ Tubing											
		28NOV05A	41	31JAN06A	31JAN06A			100	2,742.00	2,742.00	2,742.00
Epoxy											
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A	31JAN05A			100	0.00	0.00	0.00
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A	31MAY05A			100	0.00	0.00	0.00
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A	31JAN06A			100	20,565.00	20,565.00	20,565.00
1408-119	Epoxy -2nd Delivery for Production	01MAY06A	107*	29SEP06A	29SEP06A			100	20,565.00	20,565.00	20,565.00
1408-121	Epoxy -3rd Delivery for Production	02OCT06A	58*	22DEC06	09FEB07		126	33	14,891.90	20,565.00	20,565.00
1408-123	Epoxy -4th Delivery for Production	24JAN07	20	20FEB07	16APR07		110		0.00	20,565.00	20,565.00



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Forecast
zECP-52 baseline
Progress Bar
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ECP-52 Status/ETC updates

Progress Through November 30, 2006

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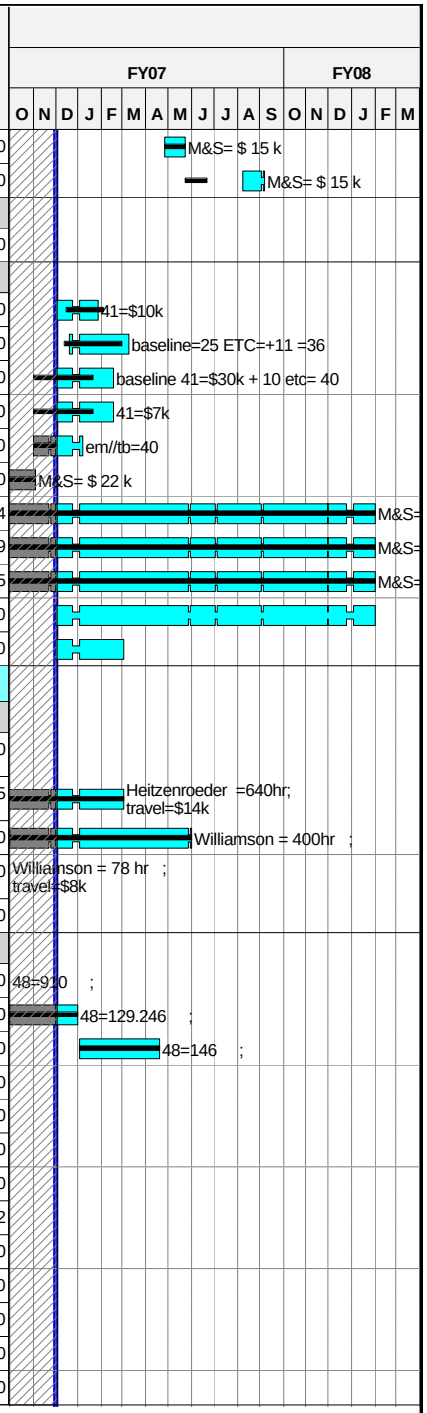
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1408-125	Epoxy -5th Delivery for Production	25APR07	20	22MAY07	22MAY07		114		0.00	20,565.00	20,565.00
1408-127	Epoxy -6th Delivery for Production	08AUG07	20	05SEP07	20JUN07		98		0.00	20,565.00	20,565.00
+ Clamps											
		01DEC05A	123	31MAY06A	31MAY06A			100	370,170.00	370,170.00	370,170.00
Other											
1408-950	Buy new clamp hardware (bushings&toggles)	01DEC06*	35*	26JAN07	02FEB07		134		0.00	13,710.00	13,710.00
174-035	Procure Modular Coil local Strain Gages	20DEC06*	50	07MAR07	28FEB07		112		0.00	49,356.00	34,275.00
174-036	Procure Modular Coil I&C Data Acq Controller	01DEC06*	50	16FEB07	19JAN07		125		0.00	54,840.00	41,130.00
174-037	Procure Modular Coil Thermocouples	01DEC06*	50	16FEB07	19JAN07		125		0.00	9,597.00	9,597.00
1408-038	PPPL Fab I&C Termination Boxes (36)	01NOV06A	40*	05JAN07	30NOV06		171	50	1,664.40	3,328.80	3,328.80
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	520	03NOV06A	03NOV06			LOE	30,162.00	30,162.00	30,162.00
1408-137	Safety & PPE equipt & supplies	01MAY05A	686*	31JAN08	31JAN08		681	LOE	11,879.75	20,411.94	20,411.94
1408-138	Misc. Supplies	01JUL05A	643*	31JAN08	31JAN08		681	LOE	9,082.05	16,393.59	16,393.59
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	520*	31JAN08	31JAN08		681	LOE	11,097.92	24,772.15	24,772.15
1408-174	Misc consumables (ETC update @$4.5k/mo.)	01DEC06	287*	31JAN08			681		0.00	57,980.05	0.00
174-037.1	Procure FBG gages for one coil, no controller	01DEC06	60	02MAR07			908		0.00	12,741.00	0.00
Job: 1411-MCWF Fabrication S005242-HEITZENROEDER											
Contract Oversighjt and Title III											
172-031	Title III engr	24MAY04A	340*	30SEP05A	30SEP05A			LOE	76,273.90	76,273.90	76,273.90
172-031.1	Title III engr	01OCT05A	350*	01MAR07	01MAR07		909	LOE	113,626.66	136,734.85	136,734.85
172-031.1X	Title III engr ORNL FY07	01OCT06A	165*	31MAY07	31MAY07		845	LOE	17,533.80	68,760.00	68,760.00
172-031.2	Title III engr ORNL	01OCT05A	249*	29SEP06A	29SEP06A			LOE	21,294.60	21,294.60	21,294.60
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				275,000.00	275,000.00	275,000.00
MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	495*	29SEP06A	29SEP06A			LOE	910,000.00	910,000.00	910,000.00
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	01OCT06A	65*	29DEC06	29DEC06		970	LOE	87,502.25	129,250.00	129,250.00
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	76*	17APR07	17APR07		894	LOE	0.00	146,000.00	146,000.00
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A	01APR05A			100	290,125.00	290,125.00	290,125.00
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A	30SEP05A			100	255,120.00	255,120.00	255,120.00
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A	28FEB05A			100	628,622.00	628,622.00	628,622.00
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A	31AUG05A			100	744,750.00	744,750.00	744,750.00
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A	31MAR05A			100	146,248.12	146,248.12	146,248.12
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	30SEP05A	M		100	159,560.00	159,560.00	159,560.00
C-121.1	First MCWF C-1 Delivered		0	30SEP05A	30SEP05A			100	0.00	0.00	0.00
MCWF-071	C1-Receive at PPPL		0	03OCT05A	03OCT05A			100	0.00	0.00	0.00
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A	27JUN05A			100	142,920.00	142,920.00	142,920.00
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A	16DEC05A			100	169,040.00	169,040.00	169,040.00



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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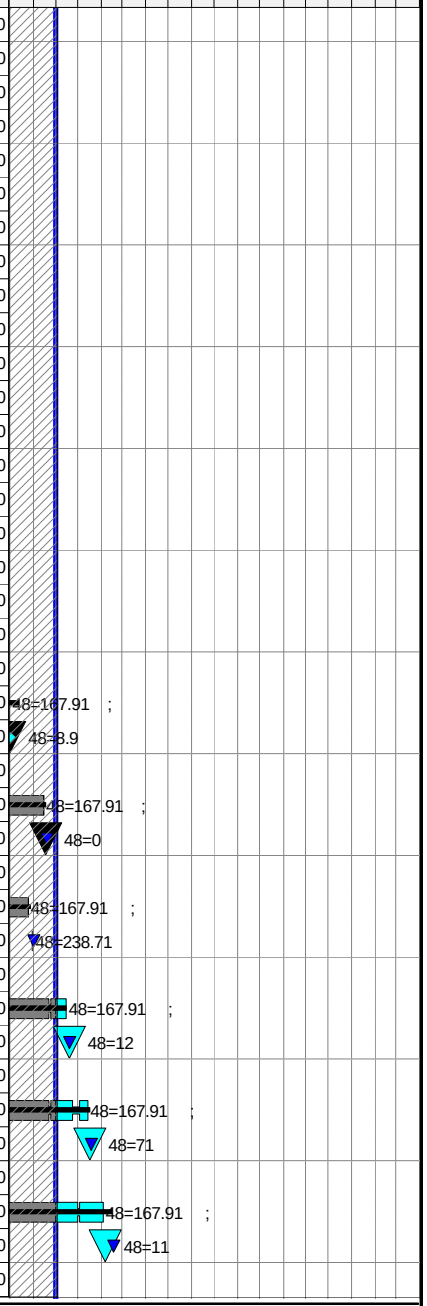
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
MCWF-101	C2-Receive at PPPL		0	16DEC05A	16DEC05A			100	0.00	0.00	0.00
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A	19SEP05A			100	142,920.00	142,920.00	142,920.00
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108*	27FEB06A	27FEB06A			100	167,910.00	167,910.00	167,910.00
MCWF-161	C3-Receive at PPPL		0	27FEB06A	27FEB06A			100	45,000.00	45,000.00	45,000.00
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A	31OCT05A			100	142,920.00	142,920.00	142,920.00
MCWF-211	C4-MTM - machining/inspection	31OCT05A	102*	27MAR06A	27MAR06A			100	167,910.00	167,910.00	167,910.00
MCWF-221	C4-Receive at PPPL		0	27MAR06A	27MAR06A			100	35,790.00	35,790.00	35,790.00
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A	30NOV05A			100	142,920.00	142,920.00	142,920.00
MCWF-271	C5-MTM - machining/inspection	01DEC05A	101*	28APR06A	28APR06A			100	167,910.00	167,910.00	167,910.00
MCWF-281	C5-Receive at PPPL		0	28APR06A	28APR06A			100	38,480.00	38,480.00	38,480.00
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A	08SEP05A			100	142,710.00	142,710.00	142,710.00
MCWF-121	A1-MTM - machining/inspection	09SEP05A	108*	01JUN06A	01JUN06A			100	167,910.00	167,910.00	167,910.00
MCWF-131	A1-Receive at PPPL		0	05JUN06A	05JUN06A			100	34,480.00	34,480.00	34,480.00
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A	23DEC05A			100	142,710.00	142,710.00	142,710.00
MCWF-181	A2-MTM - machining/inspection	14NOV05A	156*	30JUN06A	30JUN06A			100	167,910.00	167,910.00	167,910.00
MCWF-191	A2-Receive at PPPL		0	30JUN06A	30JUN06A			100	35,180.00	35,180.00	35,180.00
MCWF-351	A3-MTK-casting	26SEP05A	84*	31JAN06A	31JAN06A			100	142,710.00	142,710.00	142,710.00
MCWF-361	A3-MTM - machining/inspection	01MAR06A	107*	27JUL06A	27JUL06A			100	167,910.00	167,910.00	167,910.00
MCWF-371	A3-Receive at PPPL		0	28JUL06A	28JUL06A			100	34,510.00	34,510.00	34,510.00
MCWF-231	B1-MTK-casting	16SEP05A	110*	28FEB06A	28FEB06A			100	142,710.00	142,710.00	142,710.00
MCWF-241	B1-MTM - machining/inspection	01MAR06A	172*	27SEP06A	12OCT06			100	167,910.00	167,910.00	167,910.00
MCWF-251	B1-Receive at PPPL		0	27SEP06A	27SEP06A			100	8,900.00	8,900.00	8,900.00
MCWF-381	A4-MTK-casting	15DEC05A	71*	14MAR06A	14MAR06A			100	142,920.00	142,920.00	142,920.00
MCWF-391	A4-MTM - machining/inspection	14MAR06A	183*	14NOV06A	17NOV06			100	167,910.00	167,910.00	167,910.00
MCWF-401	A4-Receive at PPPL		0	17NOV06A	20NOV06				0.00	0.00	0.00
MCWF-321	B2-MTK-casting	31JAN06A	64*	28APR06A	28APR06A			100	142,710.00	142,710.00	142,710.00
MCWF-331	B2-MTM - machining/inspection	28APR06A	130*	26OCT06A	27OCT06			100	167,910.00	167,910.00	167,910.00
MCWF-341	B2-Receive at PPPL	30OCT06A	0	30OCT06A	01NOV06*				238,710.00	238,710.00	238,710.00
MCWF-471	B3-MTK-casting	13FEB06A	65*	12MAY06A	12MAY06A			100	142,920.00	142,920.00	142,920.00
MCWF-481	B3-MTM - machining/inspection	18MAY06A	147*	15DEC06	15DEC06		138	72	120,895.20	167,910.00	167,910.00
MCWF-491	B3-Receive at PPPL		0	18DEC06	18DEC06		138		0.00	12,000.00	12,000.00
MCWF-501	B4-MTK-casting	28MAR06A	39*	25MAY06A	25MAY06A			100	142,920.00	142,920.00	142,920.00
MCWF-511	B4-MTM - machining/inspection	26MAY06A	155*	12JAN07	15JAN07		151	50	83,955.00	167,910.00	167,910.00
MCWF-521	B4-Receive at PPPL		0	15JAN07*	16JAN07		151		0.00	71,000.00	71,000.00
MCWF-531	B5-MTK-casting	13APR06A	56*	30JUN06A	30JUN06A			100	142,920.00	142,920.00	142,920.00
MCWF-541	B5-MTM - machining/inspection	31JUL06A	134*	02FEB07	14FEB07		155	40	67,164.00	167,910.00	167,910.00
MCWF-551	B5-Receive at PPPL		0	05FEB07*	15FEB07		155		0.00	11,000.00	11,000.00
MCWF-561	B6-MTK-casting	28APR06A	45*	30JUN06A	30JUN06A			100	142,920.00	142,920.00	142,920.00



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

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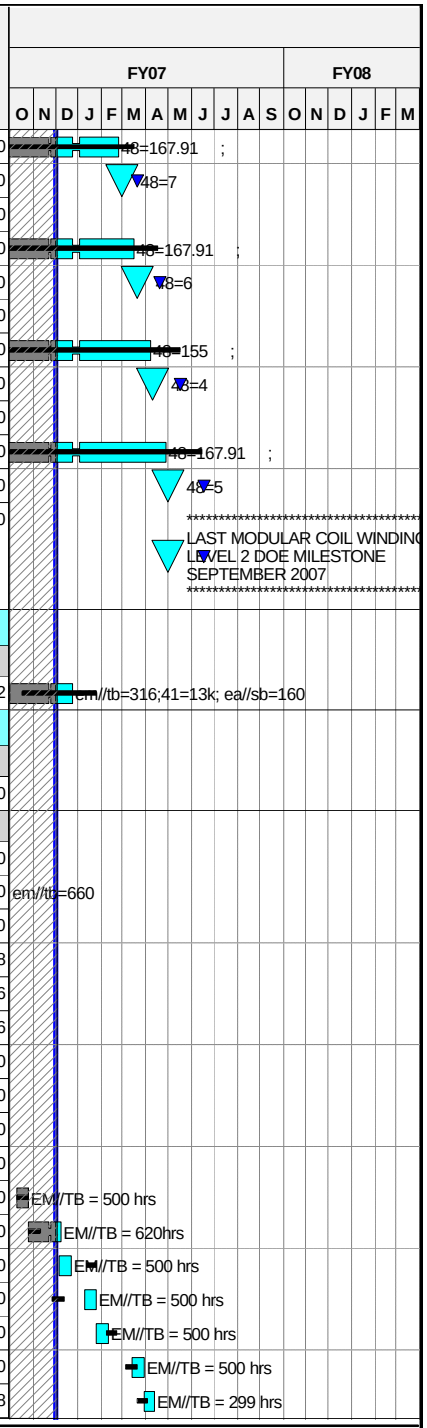
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
MCWF-571	B6-MTM - machining/inspection	31JUL06A	141*	23FEB07	**16MAR07**		**167**	**1**	1,679.10	167,910.00	167,910.00
MCWF-581	B6-Receive at PPPL		0	26FEB07*	**19MAR07**		**167**		0.00	7,000.00	7,000.00
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A	**29MAR06A**			**100**	142,920.00	142,920.00	142,920.00
MCWF-421	A5-MTM - machining/inspection	01MAY06A	219*	16MAR07	**16APR07**		**171**	**20**	33,582.00	167,910.00	167,910.00
MCWF-431	A5-Receive at PPPL		0	19MAR07*	**17APR07**		**171**		0.00	6,000.00	6,000.00
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A	**20APR06A**			**100**	142,710.00	142,710.00	142,710.00
MCWF-451	A6-MTM - machining/inspection	01MAY06A	234*	06APR07	**15MAY07**		**183**	**15**	23,250.00	155,000.00	155,000.00
MCWF-461	A6-Receive at PPPL		0	09APR07*	**16MAY07**		**183**		0.00	4,000.00	4,000.00
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A	**03FEB06A**			**100**	142,920.00	142,920.00	142,920.00
MCWF-301	C6-MTM - machining/inspection	03APR06A	269*	27APR07	**14JUN07**		**187**	**20**	33,582.00	167,910.00	167,910.00
MCWF-311	C6-Receive at PPPL		0	30APR07*	**15JUN07**		**187**		0.00	5,000.00	5,000.00
C-501B1	Last MCWF Delivered		0	30APR07	**15JUN07**		**867**		0.00	0.00	0.00
Job:1460 3rd Winding Fixture-CHRZANOWSKI											
WINDFIX	3rd winding fixture	01OCT06A	58*	22DEC06	**24JAN07**	1	**952**	**84**	53,065.06	63,058.12	63,058.12
Job: 1451 - Mod Coil Winding-CHRZANOWSKI											
Prior Costs											
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**			**100**	81,000.00	81,000.00	81,000.00
Station 1 Prep casting & Install Cladding											
C1RW	C1 rework	03OCT05A	5	07OCT05A	**07OCT05A**	1		**100**	46,461.00	46,461.00	46,461.00
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	**29SEP06A**	1		**100**	53,750.40	53,750.40	53,750.40
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A	**29JUL05A**			**100**	0.00	0.00	0.00
P1-001	Rec C1,Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	**24OCT05A**	1		**100**	54,727.68	54,727.68	54,727.68
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	**26JAN06A**	1		**100**	44,303.36	44,303.36	44,303.36
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	**31MAR06A**	1		**100**	44,303.36	44,303.36	44,303.36
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	46*	10MAY06A	**10MAY06A**	1		**100**	40,720.00	40,720.00	40,720.00
P1-121	Receive C5, Prep& Instl Cladding	22MAY06A	29*	23JUN06A	**23JUN06A**	1		**100**	40,720.00	40,720.00	40,720.00
P2-001	Receive A1, Prep& Instl Cladding	19JUN06A	37*	09AUG06A	**09AUG06A**	1		**100**	50,492.80	50,492.80	50,492.80
P3-001	Receive A2, Prep& Instl Cladding	24AUG06A	25*	26SEP06A	**26SEP06A**	2		**100**	40,720.00	40,720.00	40,720.00
P3-031	Receive A3, Prep& Instl Cladding	11OCT06A	11	25OCT06A	**25OCT06**	2		**100**	41,610.00	41,610.00	41,610.00
P1-031	Receive B1, Prep& Instl Cladding	26OCT06A	30*	08DEC06	**10NOV06**	2	**90**	**60**	30,957.84	51,596.40	51,596.40
P2-121	Receive B2, Prep& Instl Cladding	06DEC06*	11	20DEC06	**25JAN07**	2	**101**		0.00	41,610.00	41,610.00
P3-121	Receive A4, Prep& Instl Cladding	10JAN07*	11	24JAN07	**11DEC06**	2	**117**		0.00	41,610.00	41,610.00
P2-061	Receive B3, Prep& Instl Cladding	25JAN07	11	08FEB07	**21FEB07**	2	**117**		0.00	41,610.00	41,610.00
P2-151	Receive B4, Prep& Instl Cladding	14MAR07	11	28MAR07	**19MAR07**	2	**110**		0.00	41,610.00	41,610.00
P3-061	Receive B5, Prep& Instl Cladding	29MAR07	11	12APR07	**03APR07**	2	**118**		0.00	24,882.78	24,882.78



Run Date 13DEC06 10:33

Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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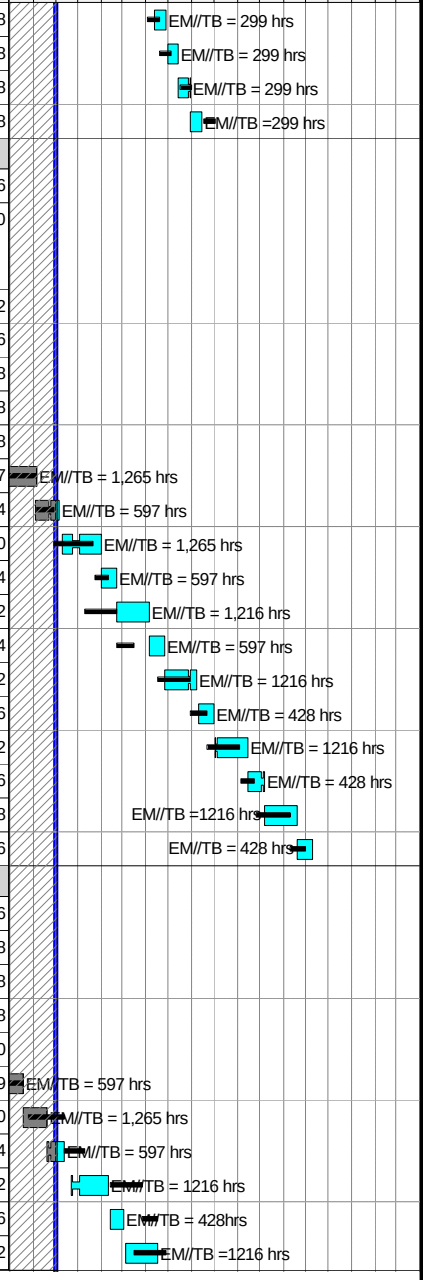
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
P3-151	Receive B6, Prep& Instl Cladding	13APR07	11	27APR07	**18APR07**	2	**134**		0.00	24,882.78	24,882.78
P1-061	Receive A5, Prep& Instl Cladding	30APR07	11	14MAY07	**03MAY07**	2	**142**		0.00	24,882.78	24,882.78
P1-151	Receive A6, Prep& Instl Cladding	15MAY07	11	30MAY07	**01JUN07**	2	**158**		0.00	24,882.78	24,882.78
P2-031	Receive C6, Prep& Instl Cladding	31MAY07	11	14JUN07	**02JUL07**	2	**166**		0.00	24,882.78	24,882.78
Station 2-Winding, Instl Chill Plates,Tubing,Bag											
P1-011	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	**27JAN06A**	2		**100**	118,006.56	118,006.56	118,006.56
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	**19DEC05A**	2		**100**	0.00	0.00	0.00
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	**03MAR06A**	2		**100**	41,371.52	41,371.52	41,371.52
P2-101	Wind coil C-3	31MAR06A	43*	15MAY06A	**15MAY06A**	2		**100**	116,377.76	116,377.76	116,377.76
P2-110	Instl Chill Plates,Tubing,Bag C3	16MAY06A	33*	21JUN06A	**21JUN06A**	2		**100**	48,619.68	48,619.68	48,619.68
P1-131	Wind coil C5	23JUN06A	37*	30AUG06A	**30AUG06A**	2		**100**	99,519.68	99,519.68	99,519.68
P1-140	Instl Chl Plates,Tubing, Bag C5	30AUG06A	21*	26SEP06A	**26SEP06A**	2		**100**	48,619.68	48,619.68	48,619.68
P3-011	Wind coil A2	27SEP06A	45*	06NOV06A	**06NOV06**	2		**100**	105,040.37	105,040.37	105,040.37
P3-020	Instl Chill Plates,Tubing, Bag A2	03NOV06A	21*	05DEC06	**29NOV06**	2	**93**	**86**	42,726.81	49,682.34	49,682.34
P1-041	Wind coil B1	11DEC06	31	30JAN07	**19JAN07**	2	**90**		0.00	105,273.30	105,273.30
P1-050	Instl Chl Plates,Tubing, Bag B1	31JAN07	15	20FEB07	**09FEB07**	2	**90**		0.00	49,682.34	49,682.34
P3-131	Wind coil A4	21FEB07	31	04APR07	**21FEB07**	2	**90**		0.00	101,195.52	101,195.52
P3-140	Instl Chl Plates,Tubing, Bag A4	05APR07	15	25APR07	**14MAR07**	2	**90**		0.00	49,682.34	49,682.34
P2-161	Wind coil B4	26APR07	31	08JUN07	**30MAY07**	2	**90**		0.00	101,195.52	101,195.52
P2-170	Instl Chill Plates,Tubing,Bag B4	11JUN07	15	29JUN07	**20JUN07**	2	**90**		0.00	35,618.16	35,618.16
P3-161	Wind coil B6	02JUL07	31	14AUG07	**03AUG07**	2	**90**		0.00	101,195.52	101,195.52
P3-170	Instl Chill Plates,Tubing,Bag B6	15AUG07	15	05SEP07	**24AUG07**	2	**90**		0.00	35,618.16	35,618.16
P1-161	Wind coil A6	06SEP07	31	18OCT07	**09OCT07**	2	**90**		0.00	102,425.64	101,810.58
P1-170	Instl Chill Plates,Tubing,Bag A6	19OCT07	15	08NOV07	**30OCT07**	2	**90**		0.00	36,405.96	36,405.96
Station 4-Winding, Instl Chill Plates,Tubing,Bag											
P1-101	Wind coil C-2>>@125%	27JAN06A	46*	31MAR06A	**31MAR06A**	2		**100**	116,377.76	116,377.76	116,377.76
P1-110	Instl Chill Plates,Tubing,Bag C2	01APR06A	42*	09MAY06A	**09MAY06A**	2		**100**	48,619.68	48,619.68	48,619.68
P3-101	Wind coil C4	11MAY06A	38*	06JUL06A	**06JUL06A**	2		**100**	99,519.68	99,519.68	99,519.68
P3-110	Instl Chill Plates,Tubing, Bag C4	06JUL06A	25*	10AUG06A	**10AUG06A**	2		**100**	48,619.68	48,619.68	48,619.68
P2-011	Wind coil A1	11AUG06A	34*	26SEP06A	**26SEP06A**	2		**100**	103,021.60	103,021.60	103,021.60
P2-020	Instl Chill Plates,Tubing, Bag A1	26SEP06A	15	19OCT06A	**19OCT06**	2		**100**	49,446.19	49,446.19	49,446.19
P3-041	Wind coil A3	20OCT06A	28*	20NOV06A	**11DEC06**	2		**100**	105,273.30	105,273.30	105,273.30
P3-050	Instl Chl Plates,Tubing, Bag A3	21NOV06A	14*	12DEC06	**09JAN07**	2	**107**	**45**	22,357.05	49,682.34	49,682.34
P1-071	Wind coil B2	21DEC06	31	09FEB07	**26MAR07**	2	**101**		0.00	101,195.52	101,195.52
P1-080	Instl Chl Plates,Tubing,Bag B2	12FEB07	15	02MAR07	**16APR07**	2	**101**		0.00	35,618.16	35,618.16
P2-071	Wind coil B3	05MAR07	31	16APR07	**26APR07**	2	**101**		0.00	101,195.52	101,195.52



Run Date 13DEC06 10:33

Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

NCSX

ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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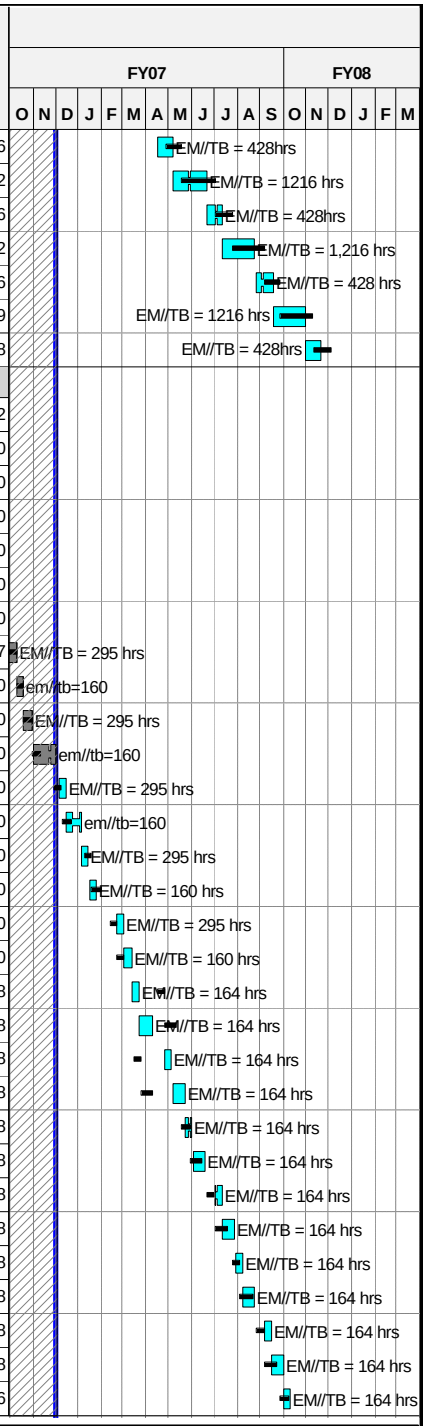
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
P2-080	Instl Chill Plates,Tubing,Bag B3	17APR07	15	07MAY07	**17MAY07**	2	**101**		0.00	35,618.16	35,618.16
P3-071	Wind coil B5	08MAY07	31	20JUN07	**02JUL07**	2	**101**		0.00	101,195.52	101,195.52
P3-080	Instl Chill Plates,Tubing,Bag B5	21JUN07	15	12JUL07	**24JUL07**	2	**101**		0.00	35,618.16	35,618.16
P2-131	Wind coil A5	13JUL07	31	24AUG07	**06SEP07**	2	**101**		0.00	101,195.52	101,195.52
P2-140	Instl Chl Plates,Tubing, Bag A5	27AUG07	15	17SEP07	**27SEP07**	2	**101**		0.00	35,618.16	35,618.16
P2-041	Wind coil C6	18SEP07	31	30OCT07	**09NOV07**	2	**101**		0.00	103,128.57	103,831.49
P2-050	Instl Chl Plates,Tubing, Bag C6	31OCT07	15	20NOV07	**04DEC07**	2	**101**		0.00	36,576.88	36,576.88
Station 5-VPI											
P1-021V	VPI (Station 5) C1	06MAR06A	6*	13MAR06A	**13MAR06A**	2		**100**	26,712.32	26,712.32	26,712.32
P1-111V	VPI (Station 5) C2	22MAY06A	4*	31MAY06A	**31MAY06A**	2		**100**	24,024.80	24,024.80	24,024.80
P1-111VCU	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	**30JUN06A**	1		**100**	13,030.40	13,030.40	13,030.40
P2-111V	VPI (Station 5) C3	24JUL06A	8	31JUL06A	**31JUL06A**	2		**100**	24,024.80	24,024.80	24,024.80
P2-111VCU	Cleanup and Ready Autoclave	01AUG06A	4*	09AUG06A	**09AUG06A**	1		**100**	13,030.40	13,030.40	13,030.40
P3-111V	VPI (Station 5) C4	10AUG06A	12*	31AUG06A	**31AUG06A**	2		**100**	24,024.80	24,024.80	24,024.80
P3-111VCU	Cleanup and Ready Autoclave	11SEP06A	8	22SEP06A	**22SEP06A**	1		**100**	13,030.40	13,030.40	13,030.40
P1-141V	VPI (Station 5) C5	27SEP06A	7	09OCT06A	**09OCT06**	2		**100**	24,374.87	24,374.87	24,374.87
P1-141VCU	Cleanup and Ready Autoclave	10OCT06A	8	19OCT06A	**19OCT06**	1		**100**	13,315.20	13,315.20	13,315.20
P2-021V	VPI (Station 5) A1	20OCT06A	7	30OCT06A	**30OCT06**	2		**100**	24,549.90	24,549.90	24,549.90
P2-021VCU	Cleanup and Ready Autoclave	01NOV06A	8	30NOV06A	**09NOV06**	1		**100**	13,315.20	13,315.20	13,315.20
P3-021V	VPI (Station 5) A2	06DEC06	7	14DEC06	**08DEC06**	2	**129**		0.00	24,549.90	24,549.90
P3-021VCU	Cleanup and Ready Autoclave	15DEC06	8	03JAN07	**20DEC06**	1	**129**		0.00	13,315.20	13,315.20
P3-051V	VPI (Station 5) A3	04JAN07	7	12JAN07	**18JAN07**	2	**129**		0.00	24,549.90	24,549.90
P3-051VCU	Cleanup and Ready Autoclave	15JAN07	8	24JAN07	**30JAN07**	1	**129**		0.00	13,315.20	13,315.20
P1-051V	VPI (Station 5) B1	21FEB07	7	01MAR07	**20FEB07**	2	**110**		0.00	24,549.90	24,549.90
P1-051VCU	Cleanup and Ready Autoclave	02MAR07	8	13MAR07	**02MAR07**	1	**126**		0.00	13,315.20	13,315.20
P2-141V	VPI (Station 5) B2	14MAR07	7	22MAR07	**25APR07**	2	**126**		0.00	13,648.08	13,648.08
P2-141VCU	Cleanup and Ready Autoclave	23MAR07	12	09APR07	**11MAY07**	1	**126**		0.00	13,648.08	13,648.08
P3-141V	VPI (Station 5) A4	26APR07	7	04MAY07	**23MAR07**	2	**114**		0.00	13,648.08	13,648.08
P3-141VCU	Cleanup and Ready Autoclave	07MAY07	12	22MAY07	**10APR07**	1	**114**		0.00	13,648.08	13,648.08
P2-081V	VPI (Station 5) B3	23MAY07	7	01JUN07	**29MAY07**	2	**114**		0.00	13,648.08	13,648.08
P2-081VCU	Cleanup and Ready Autoclave	04JUN07	12	19JUN07	**14JUN07**	1	**114**		0.00	13,648.08	13,648.08
P3-081V	VPI (Station 5) B4	02JUL07	7	11JUL07	**29JUN07**	2	**106**		0.00	13,648.08	13,648.08
P3-081VCU	Cleanup and Ready Autoclave	12JUL07	12	27JUL07	**18JUL07**	1	**106**		0.00	13,648.08	13,648.08
P2-171V	VPI (Station 5) B5	30JUL07	7	07AUG07	**02AUG07**	2	**106**		0.00	13,648.08	13,648.08
P2-171VCU	Cleanup and Ready Autoclave	08AUG07	12	23AUG07	**20AUG07**	1	**106**		0.00	13,648.08	13,648.08
P3-171V	VPI (Station 5) B6	06SEP07	7	14SEP07	**05SEP07**	2	**98**		0.00	13,648.08	13,648.08
P3-171VCU	Cleanup and Ready Autoclave	17SEP07	12	02OCT07	**21SEP07**	1	**98**		0.00	13,709.31	13,648.08
P1-081V	VPI (Station 5) A5	03OCT07	7	11OCT07	**08OCT07**	2	**98**		0.00	14,015.44	13,962.96



Run Date 13DEC06 10:33

Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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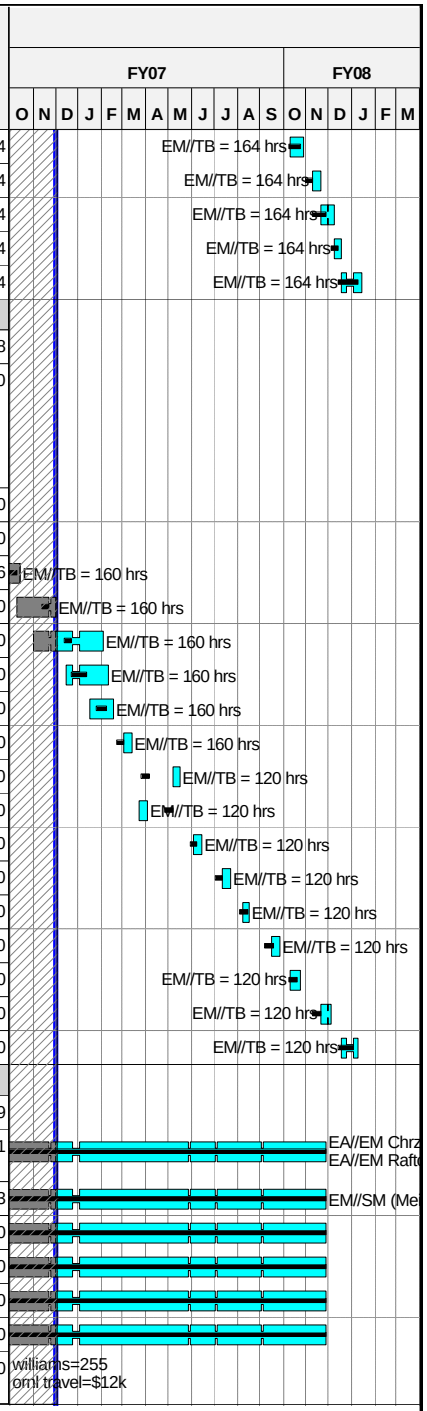
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
P1-081VCU	Cleanup and Ready Autoclave	12OCT07	12	29OCT07	**24OCT07**	1	**98**		0.00	14,015.44	14,015.44
P1-171V	VPI (Station 5) A6	09NOV07	7	19NOV07	**08NOV07**	2	**90**		0.00	14,015.44	14,015.44
P1-171VCU	Cleanup and Ready Autoclave	20NOV07	12	07DEC07	**26NOV07**	1	**90**		0.00	14,015.44	14,015.44
P2-051V	VPI (Station 5) C6	10DEC07	7	18DEC07	**13DEC07**	2	**90**		0.00	14,015.44	14,015.44
P2-051VCU	Cleanup and Ready Autoclave	19DEC07	12	14JAN08	**09JAN08**	1	**694**		0.00	14,015.44	14,015.44
Station 1B Final Clamp Installation											
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06A	5*	28MAR06A	**28MAR06A**	1		**100**	12,378.88	12,378.88	12,378.88
P1-021.1	Complete First Mod Coil Fabrication C1		0	28MAR06A	**28MAR06A**	1			0.00	0.00	0.00
P1-111C	Final Clamps & Warm Test (Station1) C2	01JUN06A	84*	15SEP06A	**15SEP06A**	1		**100**	13,030.40	13,030.40	13,030.40
P2-111C	Final Clamps & Warm Test (Station1) C3	09AUG06A	6*	24AUG06A	**24AUG06A**	1		**100**	13,030.40	13,030.40	13,030.40
P3-111C	Final Clamps & Warm Test (Station1) C4	27SEP06A	45*	13OCT06A	**10OCT06**	1		**100**	9,274.64	13,249.48	13,229.76
P1-141C	Final Clamps & Warm Test (Station1) C5	09OCT06A	37*	30NOV06A	**22NOV06**	1		**100**	9,320.64	13,315.20	13,315.20
P2-021C	Final Clamps & Warm Test (Station1) A1	01NOV06A	60	02FEB07	**21DEC06**	1	**152**	**40**	5,326.08	13,315.20	13,315.20
P3-021C	Final Clamps & Warm Test (Station1) A2	15DEC06	35*	09FEB07	**10JAN07**	1	**135**		0.00	13,315.20	13,315.20
P3-051C	Final Clamps & Warm Test (Station1) A3	15JAN07	25*	16FEB07	**06FEB07**	1	**210**		0.00	13,315.20	13,315.20
P1-051C	Final Clamps & Warm Test (Station1) B1	02MAR07	8	13MAR07	**02MAR07**	1	**110**		0.00	13,315.20	13,315.20
P3-141C	Final Clamps & Warm Test (Station1) A4	07MAY07	8	16MAY07	**04APR07**	1	**152**		0.00	9,986.40	9,986.40
P2-141C	Final Clamps & Warm Test (Station1) B2	23MAR07	8	03APR07	**07MAY07**	1	**143**		0.00	9,986.40	9,986.40
P2-081C	Final Clamps & Warm Test (Station1) B3	04JUN07	8	13JUN07	**08JUN07**	1	**138**		0.00	9,986.40	9,986.40
P3-081C	Final Clamps & Warm Test (Station1) B4	12JUL07	8	23JUL07	**12JUL07**	1	**138**		0.00	9,986.40	9,986.40
P3-171C	Final Clamps & Warm Test (Station1) B5	08AUG07	8	17AUG07	**14AUG07**	1	**144**		0.00	9,986.40	9,986.40
P2-171C	Final Clamps & Warm Test (Station1) B6	17SEP07	9	27SEP07	**18SEP07**	1	**141**		0.00	9,986.40	9,986.40
P1-081C	Final Clamps & Warm Test (Station1) A5	12OCT07	8	23OCT07	**18OCT07**	1	**98**		0.00	10,255.20	10,255.20
P1-171C	Final Clamps & Warm Test (Station1) A6	20NOV07	8	03DEC07	**20NOV07**	1	**96**		0.00	10,255.20	10,255.20
P2-051C	Final Clamps & Warm Test (Station1) C6	19DEC07	8	08JAN08	**03JAN08**	1	**90**		0.00	10,255.20	10,255.20
LOE Oversight & Supervision											
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A	**30SEP05A**				53,382.29	53,382.29	53,382.29
171-040	Winding Oversight (LOE)	10OCT05A	534*	26NOV07	**26NOV07**		**720**	**LOE**	367,991.72	686,551.71	686,551.71
171-041	Tech Supervision	10OCT05A	534*	26NOV07	**26NOV07**		**720**	**LOE**	172,097.50	321,077.43	321,077.43
SSD-ST2	Second shift cost differential	25OCT05A	523*	26NOV07	**26NOV07**		**720**	**LOE**	40,756.47	77,500.00	77,500.00
SSD-ST3	Second shift cost differential	27JAN06A	463*	26NOV07	**26NOV07**		**720**	**LOE**	35,976.51	77,500.00	77,500.00
SSD-ST4	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07	**26NOV07**		**720**	**LOE**	48,988.80	120,960.00	120,960.00
SSD-ST4.1	Unplanned overtime and rework	03APR06A	417*	26NOV07	**26NOV07**		**720**	**LOE**	48,988.80	120,960.00	120,960.00
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	244*	29SEP06A	**29SEP06A**			**LOE**	82,214.50	82,214.50	82,214.50



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

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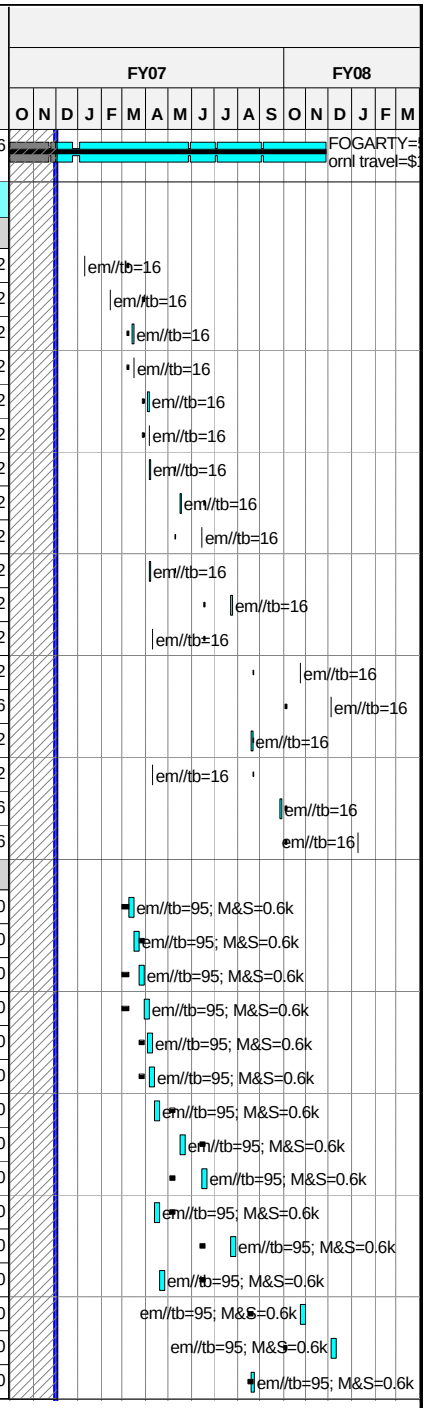
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
TITLE3F	Titel III Design ORNL- Component Fab & WINDING	01OCT06A	290*	26NOV07	26NOV07		720	LOE	19,701.49	135,872.36	135,872.36
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI											
Co-wound loop termination box installation											
1459-013	Install Co-wound loop term boxes- A1	08JAN07	1	08JAN07	07MAR07		171		0.00	1,331.52	1,331.52
1459-015	Install Co-wound loop term boxes- A2	12FEB07	1	12FEB07	28MAR07		147		0.00	1,331.52	1,331.52
1459-019	Install Co-wound loop term boxes- B1	14MAR07	1	14MAR07	07MAR07		126		0.00	1,331.52	1,331.52
1459-003	Install Co-wound loop term boxes- C1	15MAR07	1	15MAR07	07MAR07		126		0.00	1,331.52	1,331.52
1459-023	Install Co-wound loop term boxes- B2	04APR07	1	04APR07	28MAR07		146		0.00	1,331.52	1,331.52
1459-005	Install Co-wound loop term boxes- C2	05APR07	1	05APR07	28MAR07		146		0.00	1,331.52	1,331.52
1459-017	Install Co-wound loop term boxes- A3	06APR07	1	06APR07	09MAY07		188		0.00	1,331.52	1,331.52
1459-021	Install Co-wound loop term boxes- A4	17MAY07	1	17MAY07	18JUN07		160		0.00	1,331.52	1,331.52
1459-025	Install Co-wound loop term boxes- B3	14JUN07	1	14JUN07	09MAY07		142		0.00	1,331.52	1,331.52
1459-007	Install Co-wound loop term boxes- C3	06APR07	1	06APR07	09MAY07		190		0.00	1,331.52	1,331.52
1459-027	Install Co-wound loop term boxes- B4	24JUL07	1	24JUL07	18JUN07		142		0.00	1,331.52	1,331.52
1459-009	Install Co-wound loop term boxes- C4	09APR07	1	09APR07	18JUN07		216		0.00	1,331.52	1,331.52
1459-033	Install Co-wound loop term boxes- A5	24OCT07	1	24OCT07	22AUG07		102		0.00	1,367.36	1,331.52
1459-035	Install Co-wound loop term boxes- A6	04DEC07	1	04DEC07	05OCT07		100		0.00	1,367.36	1,367.36
1459-029	Install Co-wound loop term boxes- B5	20AUG07	1	20AUG07	22AUG07		148		0.00	1,331.52	1,331.52
1459-011	Install Co-wound loop term boxes- C5	10APR07	1	10APR07	22AUG07		240		0.00	1,331.52	1,331.52
1459-031	Install Co-wound loop term boxes- B6	28SEP07	1	28SEP07	05OCT07		145		0.00	1,331.52	1,367.36
1459-037	Install Co-wound loop term boxes- C6	09JAN08	1	09JAN08	05OCT07		96		0.00	1,367.36	1,367.36
Strain gages,cooling tube terminations,TC											
1459-012	Strain gages,Thrmcpl,cooling tube term - A1	08MAR07	5	14MAR07	07MAR07		112		0.00	8,728.50	8,728.50
1459-014	Strain gages,Thrmcpl,cooling tube term - A2	15MAR07	5	21MAR07	28MAR07		112		0.00	8,728.50	8,728.50
1459-018	Strain gages,Thrmcpl,cooling tube term - B1	22MAR07	5	28MAR07	07MAR07		112		0.00	8,728.50	8,728.50
1459-002	Strain gages,Thrmcpl,cooling tube term - C1	29MAR07	5	04APR07	07MAR07		112		0.00	8,728.50	8,728.50
1459-022	Strain gages,Thrmcpl,cooling tube term - B2	04APR07	5	10APR07	28MAR07		143		0.00	8,728.50	8,728.50
1459-004	Strain gages,Thrmcpl,cooling tube term - C2	05APR07	5	11APR07	28MAR07		142		0.00	8,728.50	8,728.50
1459-016	Strain gages,Thrmcpl,cooling tube term - A3	12APR07	5	18APR07	09MAY07		172		0.00	8,728.50	8,728.50
1459-020	Strain gages,Thrmcpl,cooling tube term - A4	17MAY07	5	23MAY07	18JUN07		152		0.00	8,728.50	8,728.50
1459-024	Strain gages,Thrmcpl,cooling tube term - B3	14JUN07	5	20JUN07	09MAY07		138		0.00	8,728.50	8,728.50
1459-006	Strain gages,Thrmcpl,cooling tube term - C3	12APR07	5	18APR07	09MAY07		194		0.00	8,728.50	8,728.50
1459-026	Strain gages,Thrmcpl,cooling tube term - B4	24JUL07	5	30JUL07	18JUN07		138		0.00	8,728.50	8,728.50
1459-008	Strain gages,Thrmcpl,cooling tube term - C4	19APR07	5	25APR07	18JUN07		214		0.00	8,728.50	8,728.50
1459-032	Strain gages,Thrmcpl,cooling tube term - A5	24OCT07	5	30OCT07	22AUG07		98		0.00	8,961.70	8,728.50
1459-034	Strain gages,Thrmcpl,cooling tube term - A6	04DEC07	5	10DEC07	05OCT07		96		0.00	8,961.70	8,961.70
1459-028	Strain gages,Thrmcpl,cooling tube term - B5	20AUG07	5	24AUG07	22AUG07		144		0.00	8,728.50	8,728.50



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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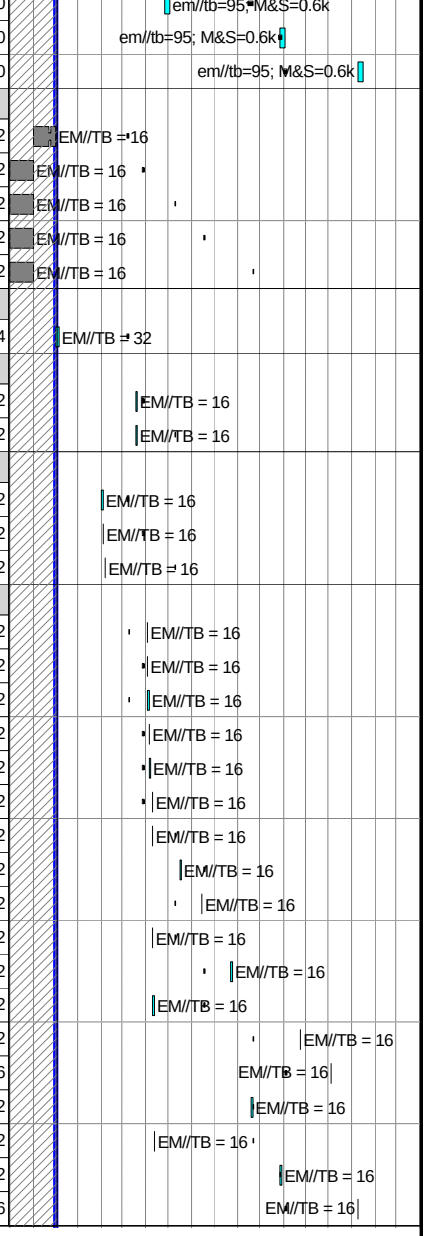
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1459-010	Strain gages,Thrmcpl,cooling tube term - C5	26APR07	5	02MAY07	22AUG07		234		0.00	8,728.50	8,728.50
1459-030	Strain gages,Thrmcpl,cooling tube term - B6	28SEP07	5	04OCT07	28SEP07		141		0.00	8,915.06	8,728.50
1459-036	Strain gages,Thrmcpl,cooling tube term - C6	09JAN08	5	15JAN08	05OCT07		90		0.00	8,961.70	8,961.70
Poloidal Break Hardware											
1459-100	Replace Poloidal break h/w on C1	01NOV06A	1	30NOV06A	07MAR07			100	1,331.52	1,331.52	1,331.52
1459-102	Replace Poloidal break h/w on C2	02OCT06A	1	31OCT06A	28MAR07			100	1,331.52	1,331.52	1,331.52
1459-104	Replace Poloidal break h/w on C3	02OCT06A	1	31OCT06A	09MAY07			100	1,331.52	1,331.52	1,331.52
1459-106	Replace Poloidal break h/w on C4	02OCT06A	1	31OCT06A	18JUN07			100	1,331.52	1,331.52	1,331.52
1459-108	Replace Poloidal break h/w on C5	02OCT06A	1	31OCT06A	22AUG07			100	1,331.52	1,331.52	1,331.52
Casting plugs											
1459-150	Repair/install casting plugs C1 (by tech shop)	01DEC06	2	04DEC06	07MAR07		153		0.00	2,663.04	2,663.04
Rogowski Coil Installation											
1459-700	Install Rogowski coil C2	19MAR07	1	19MAR07	28MAR07		159		0.00	1,331.52	1,331.52
1459-702	Install Rogowski coil C3	19MAR07	1	19MAR07	09MAY07		204		0.00	1,331.52	1,331.52
Excess material removal/Grinding work											
1459-200	Grinding C1 (by tech shop)	01FEB07*	1	01FEB07	07MAR07		156		0.00	1,331.52	1,331.52
1459-202	Grinding C2 (by tech shop)	02FEB07	1	02FEB07	28MAR07		190		0.00	1,331.52	1,331.52
1459-204	Grinding C3 (by tech shop)	05FEB07	1	05FEB07	09MAY07		234		0.00	1,331.52	1,331.52
Bat Insulation installation											
1459-410	Install bat insulation A1	02APR07	1	02APR07	08MAR07		111		0.00	1,331.52	1,331.52
1459-412	Install bat insulation A2	03APR07	1	03APR07	28MAR07		111		0.00	1,331.52	1,331.52
1459-416	Install bat insulation B1	04APR07	1	04APR07	08MAR07		111		0.00	1,331.52	1,331.52
1459-400	Install bat insulation C1	05APR07	1	05APR07	28MAR07		111		0.00	1,331.52	1,331.52
1459-420	Install bat insulation B2	06APR07	1	06APR07	28MAR07		145		0.00	1,331.52	1,331.52
1459-402	Install bat insulation C2	09APR07	1	09APR07	28MAR07		159		0.00	1,331.52	1,331.52
1459-414	Install bat insulation A3	10APR07	1	10APR07	09MAY07		188		0.00	1,331.52	1,331.52
1459-418	Install bat insulation A4	17MAY07	1	17MAY07	18JUN07		188		0.00	1,331.52	1,331.52
1459-422	Install bat insulation B3	14JUN07	1	14JUN07	09MAY07		142		0.00	1,331.52	1,331.52
1459-404	Install bat insulation C3	10APR07	1	10APR07	09MAY07		200		0.00	1,331.52	1,331.52
1459-424	Install bat insulation B4	24JUL07	1	24JUL07	18JUN07		142		0.00	1,331.52	1,331.52
1459-406	Install bat insulation C4	11APR07	1	11APR07	18JUN07		224		0.00	1,331.52	1,331.52
1459-430	Install bat insulation A5	24OCT07	1	24OCT07	22AUG07		102		0.00	1,367.36	1,331.52
1459-432	Install bat insulation A6	04DEC07	1	04DEC07	05OCT07		100		0.00	1,367.36	1,367.36
1459-426	Install bat insulation B5	20AUG07	1	20AUG07	22AUG07		148		0.00	1,331.52	1,331.52
1459-408	Install bat insulation C5	12APR07	1	12APR07	22AUG07		248		0.00	1,331.52	1,331.52
1459-428	Install bat insulation B6	28SEP07	1	28SEP07	27SEP07		145		0.00	1,331.52	1,331.52
1459-434	Install bat insulation C6	09JAN08	1	09JAN08	05OCT07		91		0.00	1,367.36	1,367.36



Run Date 13DEC06 10:33

Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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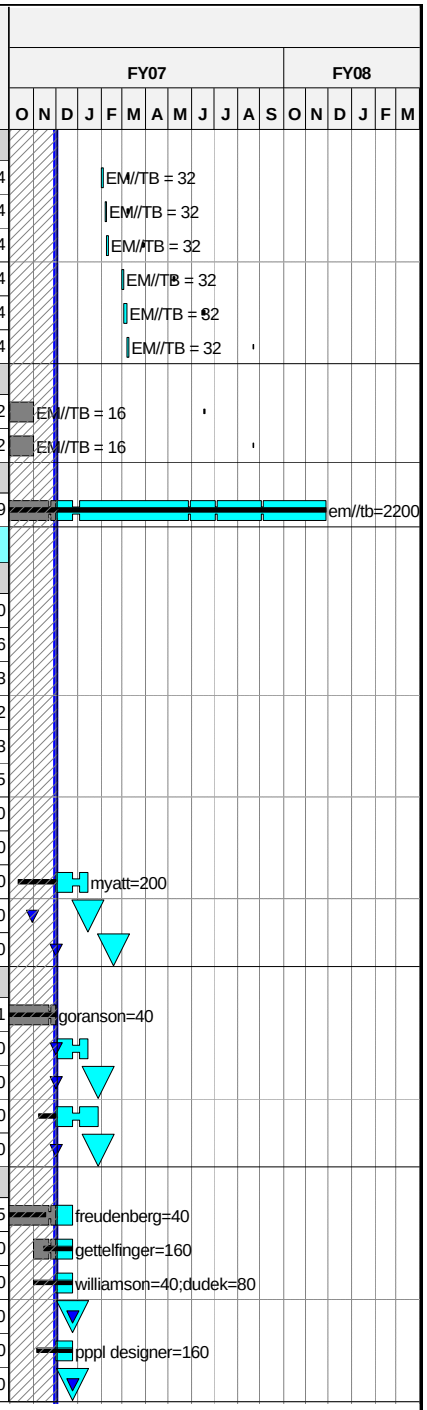
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Clamp Modifications											
1459-610	Clamp mods A1	01FEB07	2	02FEB07	08MAR07		155		0.00	2,663.04	2,663.04
1459-600	Clamp mods C1	05FEB07	2	06FEB07	08MAR07		173		0.00	2,663.04	2,663.04
1459-602	Clamp mods C2	07FEB07	2	08FEB07	28MAR07		201		0.00	2,663.04	2,663.04
1459-604	Clamp mods C3	28FEB07	2	01MAR07	09MAY07		228		0.00	2,663.04	2,663.04
1459-606	Clamp mods C4	02MAR07	2	05MAR07	18JUN07		251		0.00	2,663.04	2,663.04
1459-608	Clamp mods C5	06MAR07	2	07MAR07	22AUG07		274		0.00	2,663.04	2,663.04
Bearing Plate Installation											
1459-650	Bearing Plate Installation C4	02OCT06A	1	31OCT06A	18JUN07			100	1,331.52	1,331.52	1,331.52
1459-652	Bearing Plate Installation C5	02OCT06A	1	31OCT06A	22AUG07			100	1,331.52	1,331.52	1,331.52
SSD-ST5	Misc tech shop support	01MAY06A	397*	26NOV07	26NOV07		720	LOE	68,451.56	182,537.49	182,537.49
Job: 1421-Mod Coil Interface Design-WILLIAMSON											
Coil-to-coil Interface Design											
1403-11.1	Describe interfaces as part of coil FDR's	01NOV04A	471*	31JUL06A	31JUL06A				35,507.90	35,507.90	35,507.90
1403-16	Assembly bolts, nuts,washers	01OCT04A	496*	31JUL06A	31JUL06A				16,858.96	16,858.96	16,858.96
1403-17	Assembly shims	01OCT04A	332*	31JUL06A	31JUL06A				20,557.93	20,557.93	20,557.93
1403-18	Eccentric ball assembly	08NOV04A	471*	31JUL06A	31JUL06A				22,616.72	22,616.72	22,616.72
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	332*	31JUL06A	31JUL06A				24,684.03	24,684.03	24,684.03
1403-19A	Bladder Details	01JUL05A	146*	30NOV05A	30NOV05A				9,411.15	9,411.15	9,411.15
1421-10	add'l analysis of coil to coil joints/friction	01MAY06A	123*	31JUL06A	31JUL06A				2,699.20	2,699.20	2,699.20
FY06CV-111	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	-89,310.00	-89,310.00	-89,310.00
IH1-001	Coil to coil analysis	01DEC06*	25*	12JAN07	01DEC06		110		0.00	34,380.00	34,380.00
1403-PDR	PDR		0	12JAN07*	30OCT06*		110		0.00	0.00	0.00
1403-FDR	FDR		0	16FEB07*	01DEC06*		918		0.00	0.00	0.00
3 Point positioning hardware											
IH1-005	review requirements, as-built casting features	01SEP06A	63*	01DEC06	30NOV06		110	50	3,417.69	6,835.37	6,834.71
IH1-010	obtain results from mockup test	04DEC06	24*	12JAN07	30NOV06		110		0.00	17,187.60	0.00
IH1-015	Review for approval to proceed		0	26JAN07*	30NOV06		100		0.00	0.00	0.00
IH1-020	Prepare dwgs and release	01DEC06	35	26JAN07	30NOV06		100		0.00	37,818.00	23,378.40
IH1-025	Issue dwgs for Fabrication		0	26JAN07	30NOV06		100		0.00	0.00	0.00
Bladders											
IH2-005	review and finalize structural requirements	01SEP06A	42	22DEC06	17NOV06		119	50	3,421.59	6,843.18	6,829.45
IH2-010	select and test concept(s)	01NOV06A	36*	22DEC06	22DEC06		119	25	7,092.00	28,368.00	28,368.00
IH2-015	Finalize / select design (config and materials	01DEC06*	16*	22DEC06	22DEC06		119		0.00	21,060.00	21,060.00
IH2-020	Review for approval to proceed		0	22DEC06	22DEC06		119		0.00	0.00	0.00
IH2-025	Prepare dwgs and release	01DEC06	16*	22DEC06	22DEC06		119		0.00	18,937.60	18,937.60
IH2-030	Issue dwgs for Fabrication		0	22DEC06	22DEC06		119		0.00	0.00	0.00



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Forecast
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ECP-52 Status/ETC updates

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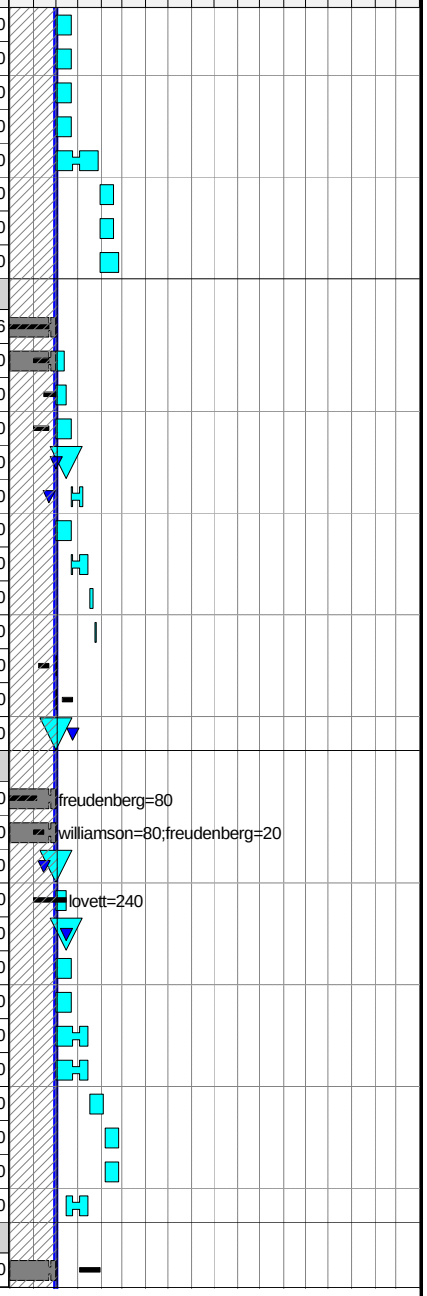
Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
IH2-030.01	Finalize Requirements	01DEC06	15	21DEC06			953		0.00	10,638.00	0.00
IH2-030.02	Procure Samples	01DEC06	15	21DEC06			953		0.00	6,288.00	0.00
IH2-030.03	Epoxy Fill Equipment	01DEC06	15	21DEC06			953		0.00	8,463.00	0.00
IH2-030.04	Develop test requirements	01DEC06	15	21DEC06			953		0.00	7,092.00	0.00
IH2-030.05	Run Epoxy Fill trials	01DEC06	35	26JAN07			933		0.00	13,749.60	0.00
IH2-030.06	Dissect bag shim and Test	29JAN07*	15	16FEB07			918		0.00	17,512.80	0.00
IH2-030.07	Review for approval	29JAN07*	15	16FEB07			918		0.00	7,092.00	0.00
IH2-030.08	Drafting, Prepare Drawings	29JAN07*	20	23FEB07			913		0.00	21,276.00	0.00
Fasteners											
IH3-005	review and finalize structural requirements	01SEP06A	42	30NOV06A	22NOV06			100	10,252.06	10,252.06	6,831.86
IH5-005	Identify all fastener hardware	01OCT06A	50*	12DEC06	21NOV06		132	50	4,263.12	6,188.40	2,750.40
IH3-006	Check access for installation	01DEC06*	10	14DEC06	30NOV06		958		0.00	3,438.00	0.00
IH5-010	Prepare advanced procurement dwgs	01DEC06*	15	21DEC06	21NOV06		125		0.00	3,438.00	6,876.00
IH3-015	Review for approval to proceed		0	14DEC06	30NOV06		958		0.00	0.00	0.00
IH5-015	Issue specs/dwgs for procurement (studs, bushi	22DEC06*	5	05JAN07	21NOV06		125		0.00	3,438.00	0.00
IH5-015.01	Design, drawings of test fixture	01DEC06	15	21DEC06			936		0.00	6,876.00	0.00
IH5-015.02	Procure/fab components, build stand	22DEC06	10	12JAN07			936		0.00	14,416.50	0.00
IH5-015.03	Joint testing	15JAN07	5	19JAN07			936		0.00	10,314.00	0.00
IH5-015.04	Document, review	22JAN07	2	23JAN07			936		0.00	3,438.00	0.00
IH3-010	deleted task	01DEC06	0	30NOV06	22NOV06		968		0.00	0.00	10,158.80
IH3-020	deleted task	01DEC06	0	30NOV06	22DEC06		968		0.00	0.00	17,190.00
IH3-025	deleted task		0	30NOV06	22DEC06		968		0.00	0.00	0.00
Shear plate and shims											
IH4-005	Complete testing	01SEP06A	62*	30NOV06A	06NOV06			100	13,669.42	13,669.42	13,640.70
IH4-010	Finalize design, select material	02OCT06A	42*	30NOV06A	15NOV06			100	17,190.00	17,190.00	17,190.00
IH4-015	Review for approval to prceed		0	30NOV06	15NOV06		134		0.00	0.00	0.00
IH4-020	Prepare dwgs and release	01DEC06	11	15DEC06	15DEC06		124		0.00	41,256.00	41,256.00
IH4-025	Issue dwgs for Fabrication		0	15DEC06	15DEC06		124		0.00	0.00	0.00
IH4-025.01	Fabricate Templates and Shim Plates from ORNL Dw	01DEC06	15	21DEC06			953		0.00	11,106.30	0.00
IH4-025.02	Shoot Studs on plate using Template	01DEC06	15	21DEC06			923		0.00	1,331.52	0.00
IH4-025.03	Procure Epoxy Resin, Studs	01DEC06	25	12JAN07			913		0.00	4,113.00	0.00
IH4-025.04	Develop Epoxy Delivery System	01DEC06	25	12JAN07			913		0.00	16,708.80	0.00
IH4-025.05	Assenble Plates and Shoot Epoxy	15JAN07*	15	02FEB07			913		0.00	4,877.52	0.00
IH4-025.06	Dissassemble and Inspect	05FEB07*	15	23FEB07			913		0.00	7,584.00	0.00
IH4-025.07	Report Results	05FEB07*	15	23FEB07			913		0.00	4,255.20	0.00
IH4-025.08	Drafting	15DEC06*	15	12JAN07			943		0.00	21,276.00	0.00
Top Assy drawings											
1803-2-105	Stage 2 dwg-se140-xInterface DELETED	02OCT06A	20	30NOV06A	29JAN07			D	11,173.50	11,173.50	17,190.00



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Progress Bar
Critical Activity

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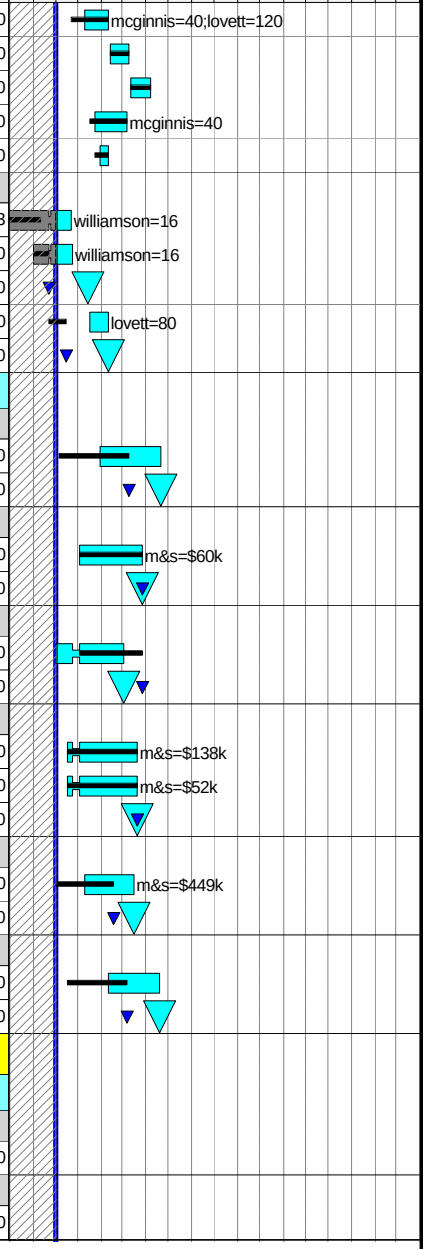
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
IH5-020	Finish 3-coil top assembly	08JAN07*	25*	09FEB07	**09FEB07**		**134**	**10**	2,750.40	27,504.00	27,504.00
IH5-021	Finish 6-coil top assembly	12FEB07*	20	09MAR07	**09MAR07**		**195**		0.00	20,628.00	18,909.00
IH5-022	Finish 18-coil top assembly	12MAR07*	20	06APR07	**06APR07**		**423**		0.00	13,752.00	8,595.00
IH5-025	Develop as-built model and drawing format	22JAN07*	31	05MAR07	**05MAR07**		**134**		0.00	6,876.00	6,876.00
IH5-030	Complete assembly spec	29JAN07	10	09FEB07	**09FEB07**		**150**		0.00	6,876.00	0.00
Other insulation over wings											
IH6-005	Finalize requirements	11SEP06A	34	21DEC06	**10NOV06**		**111**	**50**	1,369.87	2,739.73	2,733.33
IH6-010	finalize design	01NOV06A	36*	22DEC06	**21NOV06**		**110**	**20**	550.08	2,750.40	2,750.40
IH6-015	Review for approval to proceed		0	12JAN07*	**21NOV06**		**101**		0.00	0.00	0.00
IH6-020	Prepare dwgs and release	15JAN07	19	08FEB07	**15DEC06**		**101**		0.00	13,752.00	13,752.00
IH6-025	Issue dwgs for Fabrication		0	08FEB07	**15DEC06**		**101**		0.00	0.00	0.00
Job: 1431 - Mod. Coil Interface Hardware-DUDEK											
3 Point positioning hardware											
IH1-030	Bid, Award, Procure or Fabricate	29JAN07*	60	20APR07	**08MAR07**		**100**		0.00	0.00	0.00
IH1-035	Receive and inspect 3 point positioning hardwa		0	20APR07	**08MAR07**		**100**		0.00	0.00	0.00
Bladders											
1421-410	Bid, Award, Procure or Fab Bladders	02JAN07	60	26MAR07	**26MAR07**		**119**		0.00	60,000.00	60,000.00
IH2-040	Receive and inspect Bladders		0	26MAR07	**26MAR07**		**119**		0.00	0.00	0.00
Fasteners											
IH3-030	Bid, Award, Procure or Fab Bolt Reaming	01DEC06*	60	02MAR07	**26MAR07**		**135**		0.00	0.00	0.00
IH3-035	Receive and inspect Bolt Reaming		0	02MAR07	**26MAR07**		**135**		0.00	0.00	0.00
Shear plate and shims											
1421-210	Bid, Award, Procure Shear plate and shims	18DEC06*	60	19MAR07	**19MAR07**		**124**		0.00	138,000.00	138,000.00
1421-411	Deliverhardware for inboard joint friciton	18DEC06*	60	19MAR07	**19MAR07**		**124**		0.00	52,000.00	52,000.00
IH4-035	Receive and inspect Shear plate and shims		0	19MAR07	**19MAR07**		**124**		0.00	0.00	0.00
Top Assy drawings											
1421-110	Bid, Award, Procure stud, bushing, sperical wa	08JAN07*	50	16MAR07	**16FEB07**		**125**		0.00	449,000.00	449,000.00
IH5-040	Receive and inspect stud, bushing, sperical wa		0	16MAR07	**16FEB07**		**125**		0.00	0.00	0.00
Other insulation over wings											
IH6-030	Bid, Award, Procure or Fab Other insulation	09FEB07*	50	19APR07	**05MAR07**		**101**		0.00	0.00	0.00
IH6-035	Receive and inspect Other insulation over wing		0	19APR07	**05MAR07**		**101**		0.00	0.00	0.00
15 - Coil Structures											
Job: 1501 - Coil Structures Design- DAHLGREN											
+ PDR/PBR Task List											
		07OCT03A	31	18NOV03A	**18NOV03A**			**100**	18,540.00	18,540.00	18,540.00
+ Reqmnts,Configuration, Interfaces and PDR											
		21OCT03A	242	30SEP04A	**30SEP04A**				16,068.00	16,068.00	16,068.00



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Forecast
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Progress Bar
Critical Activity

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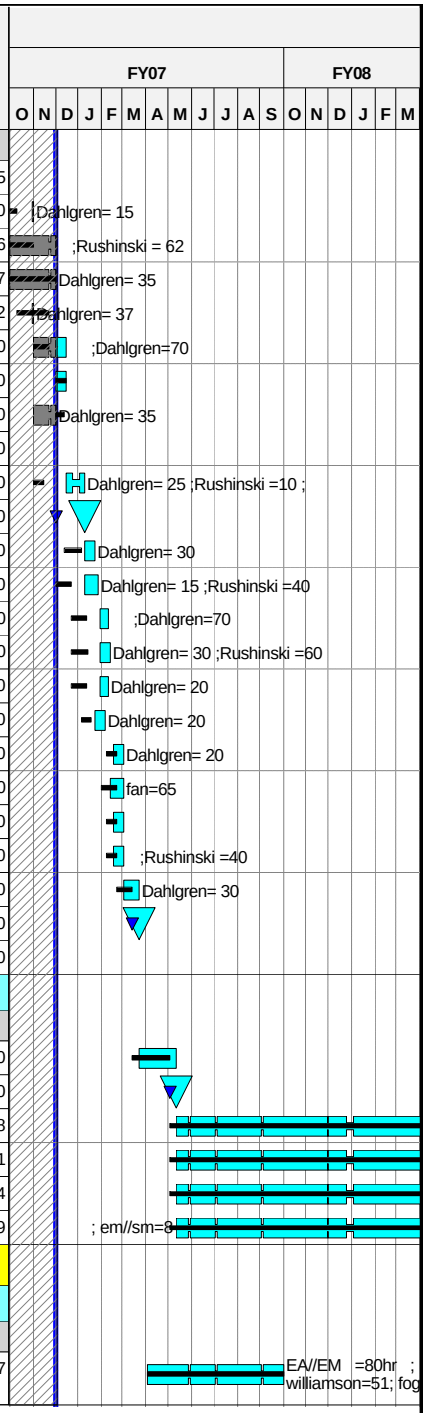
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1501-001	Prelim Design Structures	01JUL05A	110*	30SEP05A	30SEP05A			100	45,443.75	45,443.75	45,443.75
1501-201	Write ICD's	31OCT06A	6	31OCT06A	09OCT06			100	2,667.90	2,667.90	2,667.90
1501-205	Update Design/models	01MAY06A	107*	30NOV06A	31OCT06			100	10,884.20	10,884.20	10,838.26
1501-209	Prepare SRD	03JUL06A	63*	30NOV06A	30NOV06			100	6,180.77	6,180.77	6,180.77
1501-213	Approve ICD's	31OCT06A	32	31OCT06A	22NOV06			100	6,580.82	6,580.82	6,580.82
1501-217	Update stress analysis	01NOV06A	31*	15DEC06	21NOV06		103	30	3,735.06	12,450.20	12,450.20
1501-221	approve SRD	01DEC06	10	14DEC06	14DEC06		93		0.00	0.00	0.00
1501-225	Write prelim purchase spec	01NOV06A	8	30NOV06A	12DEC06			100	6,225.10	6,225.10	6,225.10
1501-229	Create Prelim Assemblies	03JUL06A	5	31JUL06A	31JUL06A			100	6,092.10	6,092.10	6,092.10
1501-233	PDR Preparation	15DEC06*	11	08JAN07	15NOV06		93		0.00	6,225.10	6,225.10
1501-PDR	PDR		0	08JAN07	30NOV06		93		0.00	0.00	0.00
1501-241	Write final purchase spec	09JAN07*	10	22JAN07	03JAN07		101		0.00	5,335.80	5,335.80
1501-246	Update Models	09JAN07*	14	26JAN07	20DEC06		93		0.00	9,782.30	9,782.30
1501-249	Update Analysis	29JAN07	10	09FEB07	11JAN07		93		0.00	12,450.20	12,450.20
1501-253	Prep Final Drawings	29JAN07	11	12FEB07	12JAN07		96		0.00	16,007.40	16,007.40
1501-257	Detailed Hardware Analysis	29JAN07	10	09FEB07	11JAN07		93		0.00	3,557.20	3,557.20
1501-261	Write Statement of work	23JAN07	10	05FEB07	17JAN07		101		0.00	3,557.20	3,557.20
1501-265	Approve Purchase Spec	16FEB07*	10	01MAR07	20FEB07		93		0.00	3,557.20	3,557.20
1501-269	Check Analysis	12FEB07*	14	01MAR07	20FEB07		93		0.00	11,560.90	11,560.90
1501-273	Approve SOW	16FEB07	10	01MAR07	20FEB07		93		0.00	0.00	0.00
1501-277	Prep Assy Dwgs	16FEB07	10	01MAR07	20FEB07		93		0.00	7,114.40	7,114.40
1501-281	Prep for FDR	02MAR07	15	22MAR07	13MAR07		93		0.00	5,335.80	5,335.80
1501-FDR	FDR		0	22MAR07	13MAR07		93		0.00	0.00	0.00
FY06CV-113	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	2,350.00	2,350.00	2,350.00
Job:1550 - Coil Structures Procurement -DAHLGREN											
1501-245	Prep Spec,Solicit Bids, and Evaluate Bids	23MAR07*	35	10MAY07	01MAY07		93		0.00	0.00	0.00
162-036.9	Award Coil Support Structure		0	10MAY07	01MAY07		93		0.00	0.00	0.00
162-037	Fabricate Coil Structure	11MAY07	249	09MAY08	30APR08		93		0.00	1,013,357.92	1,012,878.78
162-031	Title III engr WBS 151	11MAY07	249	09MAY08	30APR08		93		0.00	109,387.63	109,319.21
153.037	WBS 153 Support Structure I&C Procurement/Fab	11MAY07*	249	09MAY08	30APR08		93		0.00	9,164.26	9,157.64
153.015	Title III design WBS 153 localI&C	11MAY07*	249	09MAY08	30APR08		93		0.00	1,065.08	1,064.29
16 - Coil Services											
Job: 1601 - Coil Services Design-WILLIAMSON											
161 - LN2 Distribution											
191-001	Title I design WBS 161 LN2 manifolds&piping	02APR07*	129*	02OCT07	02OCT07		170		0.00	57,409.27	57,409.27



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Forecast
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ECP-52 Status/ETC updates

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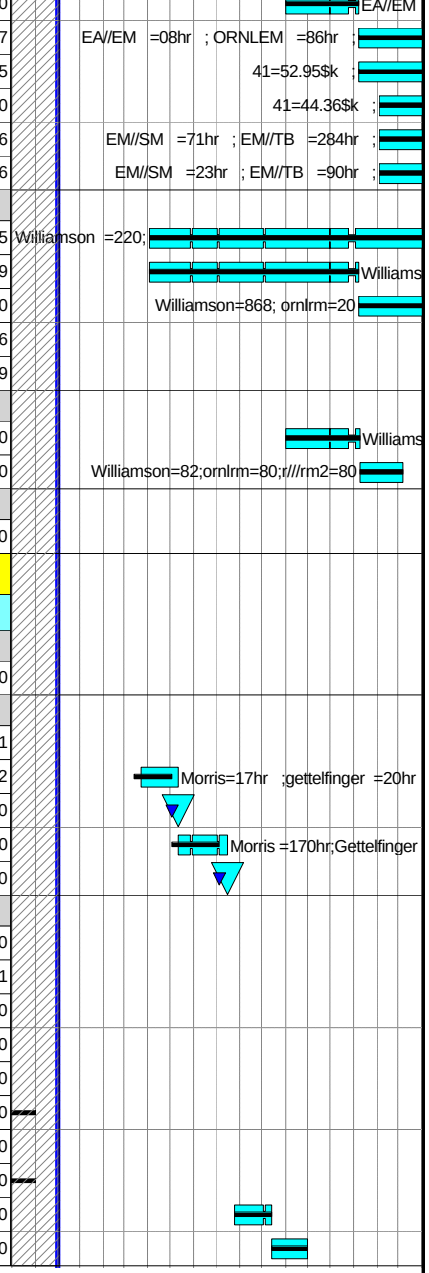
Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
191-011	Title II design WBS 161 LN2 manifolds&piping	03OCT07	60	07JAN08	**07JAN08**		**170**		0.00	119,261.00	119,261.00
191-031	Title III engr WBS 161	08JAN08	280	18FEB09	**18FEB09**		**419**		0.00	17,085.57	17,085.57
191-037	Procurement WBS 161	08JAN08	130	09JUL08	**09JUL08**		**170**		0.00	74,394.75	74,394.75
191-038	PDR#17	05FEB08*	110	09JUL08	**09JUL08**		**170**		0.00	62,325.80	62,325.80
191-041	LN2 Manifolds & ppg Fab/assy/instl WBS 161	05FEB08*	110	09JUL08	**09JUL08**		**170**		0.00	33,821.56	33,821.56
191-042	PDR #17,25,3	05FEB08*	110	09JUL08	**09JUL08**		**170**		0.00	10,785.36	10,785.36
162 - Electrical Leads											
132-000	PDR #17 & 25	02APR07*	389*	16OCT08	**16OCT08**		**499**		0.00	38,917.55	38,917.55
132-001	Title I design WBS 162 Coil leads	02APR07*	189*	07JAN08	**07JAN08**		**100**		0.00	151,405.09	151,405.09
132-011	Title II design WBS 162 Coil leads	08JAN08	130	09JUL08	**09JUL08**		**100**		0.00	159,391.00	159,391.00
132-015	Title III design WBS 162 Coil leads	10JUL08*	60	02OCT08	**02OCT08**		**509**		0.00	18,643.46	18,643.46
132-037	Coil Leads Procurement WBS 162	10JUL08*	60	02OCT08	**02OCT08**		**100**		0.00	314,446.99	314,446.99
163 - Coil Protection System											
163.001	Title I design WBS 163 Coil protection	01OCT07*	65	10JAN08	**10JAN08**		**187**		0.00	43,938.80	43,938.80
163.011	Title II design WBS 163 Coil protection	11JAN08	40	06MAR08	**06MAR08**		**187**		0.00	43,938.80	43,938.80
FY06CV-114	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	**30MAR06A**			**100**	2,790.00	2,790.00	2,790.00
17 - Cryostat and Base Support Structure											
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER											
+ Prior Costs											
		01APR03A	842	31JUL06A	**31JUL06A**				239,180.00	239,180.00	239,180.00
Base Support											
161-001	Revise Preliminary Design for new supt locations	03APR06A	123*	30JUN06A	**30JUN06A**			**100**	49,300.81	49,300.81	49,300.81
161-002	Complete Preliminary Design	23MAR07	35	10MAY07	**01MAY07**		**157**		5,002.31	5,558.12	5,498.72
151-003	Base Support Struct PDR		0	10MAY07*	**01MAY07***		**157**		0.00	0.00	0.00
161-011	Final Design Base Support Structure WBS 172	11MAY07	45	16JUL07	**05JUL07**		**157**		0.00	55,935.80	55,935.80
172-199	Base Support Structure FDR		0	16JUL07	**05JUL07**		**157**		0.00	0.00	0.00
Cryostat											
151-000	Adv Concep Design Cryostat shell & struct	01DEC03A	103*	31MAR04A	**31MAR04A**			**100**	6,000.00	6,000.00	6,000.00
151-001	Title I design WBS 171 cryostat	01APR04A	270*	29APR05A	**29APR05A**			**100**	125,850.61	125,850.61	125,850.61
151-002	Cryostat PDR		0	29APR05A	**29APR05A**			**100**	0.00	0.00	0.00
171-100	Investigate Alt Cryostat Architecture	01DEC05A	38*	31JAN06A	**31JAN06A**			**100**	0.00	0.00	0.00
171-101	Finalize cryostat penetrations for VV	03JAN06A	0*	31JAN06A	**31JAN06A**			**100**	0.00	0.00	0.00
171-102	Select gas-filled insulation-all svcs	03JAN06A	171*		**31OCT06**			**95**	0.00	0.00	0.00
171-103	Finalize cryo midplane arch	03JAN06A	20*	31JAN06A	**31JAN06A**			**100**	0.00	0.00	0.00
171-104	Plan WBS 16 interface	22FEB06A	135*		**31OCT06**			**5**	0.00	0.00	0.00
171-190	Define prototypical testing plan	25JUL07	35	12SEP07	**12SEP07**		**151**		0.00	0.00	0.00
171-192	Test cooling system	13SEP07	35	31OCT07	**31OCT07**		**151**		0.00	0.00	0.00



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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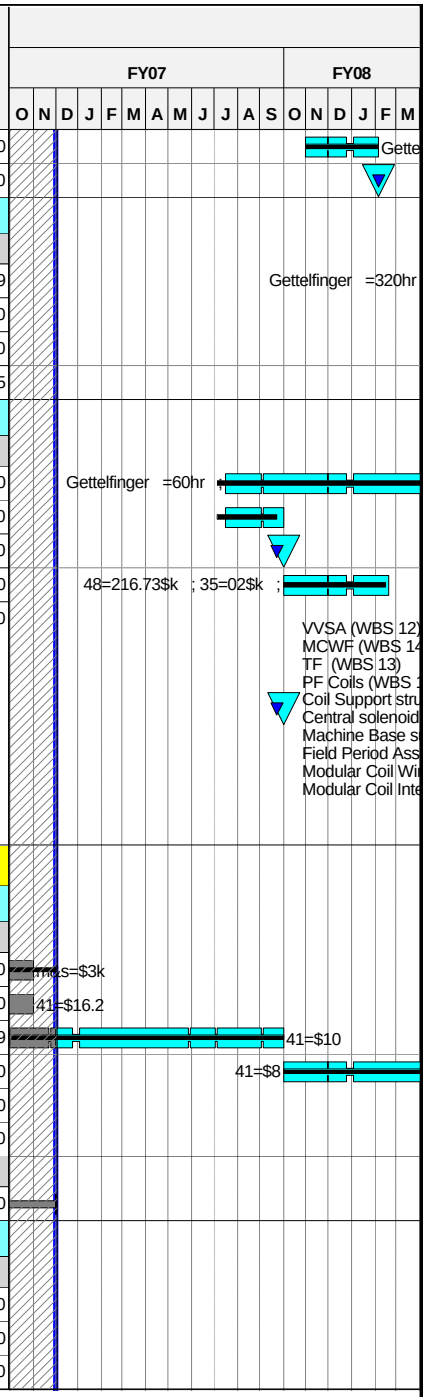
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
151-011	Final Design Cryostat WBS 171	01NOV07*	60	05FEB08	**05FEB08**		**151**		0.00	124,019.60	124,019.60
171-199	Cryostat FDR		0	05FEB08	**05FEB08**		**151**		0.00	0.00	0.00
Job: 1751 - Cryostat Procurement											
171 - Cryostat											
151-031	Title III engr	01APR08	202	23JAN09	**23JAN09**		**437**		0.00	59,712.19	59,712.19
151-036.8	Prep Spec, Solicit bids, and Select Vendor	01APR08*	43	30MAY08	**30MAY08**		**112**		0.00	0.00	0.00
151-036.9	Award Cryostat Procurement		0	30MAY08*	**30MAY08***		**112**		0.00	0.00	0.00
151-037	Cryostat Procurement & PPPL fab [A/1]	02JUN08	95	14OCT08	**14OCT08**		**112**		0.00	317,562.35	317,562.35
Job: 1752 - Base Support Structure Procurement											
172 - Base Support Structure											
161-031	Title III engr WBS 172	17JUL07	240	01JUL08	**20JUN08**		**574**		0.00	10,861.47	10,853.10
161-036.8	Prep Spec, Solicit bids, and Select Vendor	17JUL07	55	02OCT07	**21SEP07**		**157**		0.00	0.00	0.00
161-036.9	Award Mach Base&Coil struct as one Procurement		0	02OCT07	**21SEP07**		**157**		0.00	0.00	0.00
161-037	Machine Base&supports Procurement [A/1]	03OCT07*	90	18FEB08	**14FEB08**		**157**		0.00	220,316.00	220,316.00
JM-07	ALL CRITICAL STELLARATOR CORE CONTRACTS PLACED		0	02OCT07	**21SEP07**		**759**		0.00	0.00	0.00
18 - Field Period Assembly											
Job: 1804-Metrology Hardware-RAFTOPOULOS											
Metrology											
740.100	Romer CMM- spare probes	03JAN06A	233*	31OCT06A	**30NOV06**			**100**	4,113.00	4,113.00	4,113.00
740.105	Romer CMM-Software support&warranty renewal FY06	01OCT05A	271*	31OCT06A	**29SEP06**			**LOE**	22,210.20	22,210.20	22,210.20
740.106	Romer CMM-Software support&warranty renewal FY07	02OCT06A	250*	01OCT07	**01OCT07**		**760**	**LOE**	460.70	13,721.15	13,721.19
740.107	Romer CMM-Software support&warranty renewal FY07	03OCT07*	248*	30SEP08	**30SEP08**		**511**		0.00	11,240.00	11,240.00
740.108	Romer CMM-Software support&warranty renewal FY07	03OCT08*	248*	30SEP09	**30SEP09**		**261**		0.00	11,520.00	11,520.00
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A	**31OCT05A**			**100**	5,484.00	5,484.00	5,484.00
+											
		19JAN04A	724	01DEC06	**29SEP06**		**967**		519,268.00	519,268.00	519,268.00
Job: 1801-Field Period Assly -CHRZANOWSKI (ORNL)											
Prior Costs											
1801-001	Apr-Sept MIE Costs PPPL	01APR03A	42	30SEP03A	**30SEP03A**			**100**	7,750.00	7,750.00	7,750.00
1801-002	Apr-Sept MIE Costs ORNL	01APR03A	42	30SEP03A	**30SEP03A**			**100**	53,050.00	53,050.00	53,050.00
FY06CV-130	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	**30MAR06A**			**100**	3,890.00	3,890.00	3,890.00



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Forecast
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Progress Bar
Critical Activity

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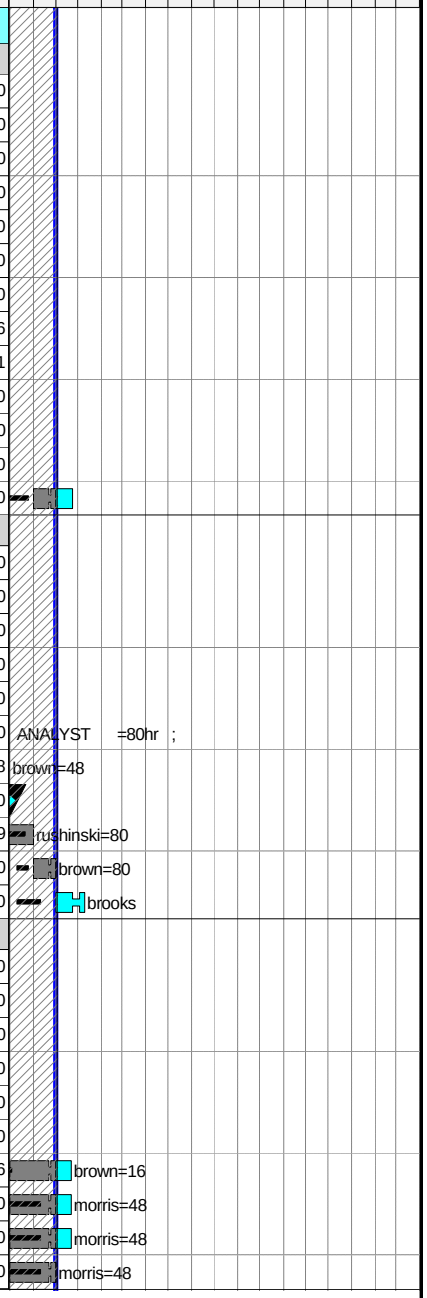
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Job: 1803- FP Assy Toolg/Constructability-BROWN											
1.00-VV Prep Station											
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A	28FEB05A			100	16,056.00	16,056.00	16,056.00
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A	31MAY05A			100	13,604.00	13,604.00	13,604.00
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A	31MAY05A			100	25,502.00	25,502.00	25,502.00
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A	31MAY05A			100	13,220.00	13,220.00	13,220.00
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A	10AUG05A			100	1,983.00	1,983.00	1,983.00
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A	15SEP05A			100	2,644.00	2,644.00	2,644.00
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A	19SEP05A			100	1,983.00	1,983.00	1,983.00
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A	31OCT05A			100	3,636.96	3,636.96	3,636.96
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A	31OCT05A			100	7,214.11	7,214.11	7,214.11
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A	31OCT05A			100	0.00	0.00	0.00
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A	31JAN06A			100	23,307.00	23,307.00	23,307.00
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A	31JAN06A			100	0.00	0.00	0.00
1803-1.20	Finalize loop layout on FP 2 & 3	01NOV06A	36*	22DEC06	26OCT06		952	95	0.00	0.00	0.00
Station 2-Modular Coil Sub- Assembly											
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A	28FEB05A			100	16,056.00	16,056.00	16,056.00
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A	29APR05A			100	21,728.00	21,728.00	21,728.00
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A	30SEP05A			100	15,209.60	15,209.60	15,209.60
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A	30JUN06A			100	0.00	0.00	0.00
1803-2.056	HP support stand	01JUN06A	15	30JUN06A	30JUN06A			100	0.00	0.00	0.00
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A	27SEP06A			100	13,924.80	13,924.80	13,924.80
1803-2.057	Resolve use of JPP holdinbg fixture	27SEP06A	6	27SEP06A	27SEP06A			100	8,354.88	8,354.88	8,354.88
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A	27SEP06A			100	0.00	0.00	0.00
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	42*	31OCT06A	20OCT06			100	14,084.04	14,084.04	14,055.09
1803-2.08A	Assy sequence plan drafted	01NOV06A	10	30NOV06A	24OCT06			100	14,228.80	14,228.80	14,228.80
1803-2.08C	Dimensional control plan drafted	01DEC06*	22	09JAN07	09NOV06		133		0.00	0.00	0.00
Station 3-Modular Coil to VVSA Assembly											
1803-3.01	Concept definition and requirements	25OCT04A	5	29OCT04A	29OCT04A			100	6,610.00	6,610.00	6,610.00
1803-3.02	MC Turning Fixture and base - model design and d	15NOV04A	48*	31JAN05A	31JAN05A			100	1,983.00	1,983.00	1,983.00
1803-3.03	MC Gantry Crane - model design and drawing detai	29NOV04A	40*	31JAN05A	31JAN05A			100	14,265.00	14,265.00	14,265.00
1803-3.04	VV support stand - model design and drawing deta	29NOV04A	104*	29APR05A	29APR05A			100	8,849.00	8,849.00	8,849.00
1803-3.05	Platform - design and drawing details	01FEB05A	7	29APR05A	29APR05A			100	9,179.50	9,179.50	9,179.50
1803-3.084	Industry Info Meeting	21FEB05A	1	21FEB05A	21FEB05A			100	0.00	0.00	0.00
1803-3.15A	Requirements finalized	01OCT06A	56*	20DEC06	02OCT06		129	80	2,276.61	2,845.76	2,815.36
1803-3.15	Models&dwgs for- MC load support	01OCT06A	56*	20DEC06	09NOV06		129	80	6,829.82	8,537.28	8,531.20
1803-3.17	Models&dwgs for- Laser screen guide mods	01OCT06A	56*	20DEC06	09NOV06		129	80	6,829.82	8,537.28	8,531.20
1803-3.18	Models&dwgs for-VV support stand	01OCT06A	42*	30NOV06A	09NOV06			100	8,537.28	8,537.28	8,531.20



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Forecast
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Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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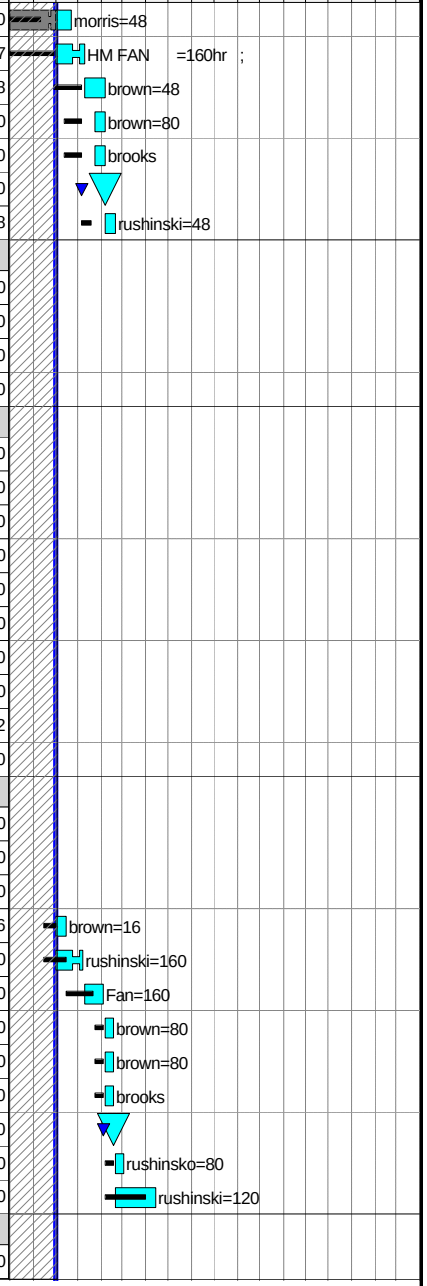
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1803-3.19	Spec for-Mechanical screw drive	01OCT06A	56*	20DEC06	09NOV06		129	80	6,829.82	8,537.28	8,531.20
1803-3.07	Structural analysis Analysis	01DEC06	21*	08JAN07	28NOV06		102		0.00	28,457.60	28,442.77
1803-3.66	Metrology layout	09JAN07*	20	05FEB07	03JAN07		102		0.00	8,537.28	8,537.28
1803-3.22	Assy sequence plan drafted	23JAN07	10	05FEB07	03JAN07		102		0.00	14,228.80	14,228.80
1803-3.23	Dimensional control plan drafted	23JAN07	10	05FEB07	03JAN07		102		0.00	0.00	0.00
1803-3.15E	PDR/FDR		0	05FEB07	03JAN07		102		0.00	0.00	0.00
1803-3.20	Dwgs/specs for tooling released for fab	06FEB07*	10	19FEB07	17JAN07		102		0.00	8,537.28	8,537.28
3.10 MC Turning Fixture-Industry Option											
1803-3.10A	Issue dwgs	02MAY05A	30	31MAY05A	31MAY05A			100	20,243.80	20,243.80	20,243.80
180303.10A	Issue RFP		0	31MAY05A	31MAY05A			100	0.00	0.00	0.00
1803-3.10C	Proposals Due		0	17JUN05A	17JUN05A			100	0.00	0.00	0.00
1803-3.14	DECISION ON APPROACH		0	31AUG05A	31AUG05A			100	0.00	0.00	0.00
3.20 MC Turning Fixture-Crane Option											
1803-3.30	Develop Crane Design Option	01MAY05A	6*	31MAY05A	31MAY05A			100	0.00	0.00	0.00
1803-3.33	Design Equivalent Test Simulation Model	16MAY05A	33*	17JUN05A	17JUN05A			100	6,416.80	6,416.80	6,416.80
1803-3.36	Design Test Track	20JUN05A	7	24JUN05A	24JUN05A			100	6,416.80	6,416.80	6,416.80
1803-3.39	Fab Test Track	27JUN05A	24*	29JUL05A	29JUL05A			100	56,326.60	56,326.60	56,326.60
1803-3.40	Site Prep	27JUN05A	5	30JUN05A	30JUN05A			100	0.00	0.00	0.00
1803-3.43	Assembly of Test Article	29JUL05A	5	29JUL05A	29JUL05A			100	11,923.20	11,923.20	11,923.20
1803-3.46	Metrology set-up	29JUL05A	5	29JUL05A	29JUL05A			100	0.00	0.00	0.00
1803-3.49	Run Test	29JUL05A	3	29JUL05A	29JUL05A			100	11,004.00	11,004.00	11,004.00
1803-3.50	Test Evaluation and Write up	31AUG05A	0*	31AUG05A	31AUG05A			100	2,566.72	2,566.72	2,566.72
1803-3.52	DECISION ON APPROACH		0	31AUG05A	31AUG05A			100	0.00	0.00	0.00
Station 4-TF Coil Sub-assembly											
1803-4.02	MC Support Stand - model design and drawing deta	01APR05A	89*	31MAY05A	31MAY05A			100	14,265.00	14,265.00	14,265.00
1803-5.001	Concept definition and requirements	02MAY05A	10	31MAY05A	31MAY05A			100	10,704.00	10,704.00	10,704.00
1803-4.04	FP Assembly platform - model design drawing det	01AUG05A	65*	30SEP05A	30SEP05A			100	21,397.50	21,397.50	21,397.50
1803-4.01A	Requirements finalized	01DEC06*	10	14DEC06	30NOV06		194		0.00	2,845.76	2,845.76
1803-4.06	Models&dwgs completed for TF suprt&rotation fixt	01DEC06*	20	05JAN07	14DEC06		164		0.00	28,457.60	28,457.60
1803-4.07	Structural Analysis	08JAN07*	20	02FEB07	19JAN07		164		0.00	28,457.60	28,457.60
1803-4.06A	Metrology layout	05FEB07	10	16FEB07	02FEB07		164		0.00	14,228.80	14,228.80
1803-4.10B	Assy sequence plan drafted	05FEB07	10	16FEB07	02FEB07		164		0.00	14,228.80	14,228.80
1803-4.10C	Dimensional control plan drafted	05FEB07	10	16FEB07	02FEB07		164		0.00	0.00	0.00
1803-4.08	PDR/FDR		0	16FEB07	02FEB07		164		0.00	0.00	0.00
1803-4.081	Dwgs/specs for tooling released for fab	19FEB07	10	02MAR07*	16FEB07*		164		0.00	14,228.80	14,228.80
1803-4-105	Stage 4 dwg-SE130-XXX HALF PERIOD TF ASSY	19FEB07*	40	13APR07	30MAR07		194		0.00	21,343.20	21,343.20
Station 5-Final Field Period Assembly											
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A	28MAR05A			100	10,704.00	10,704.00	10,704.00



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Forecast
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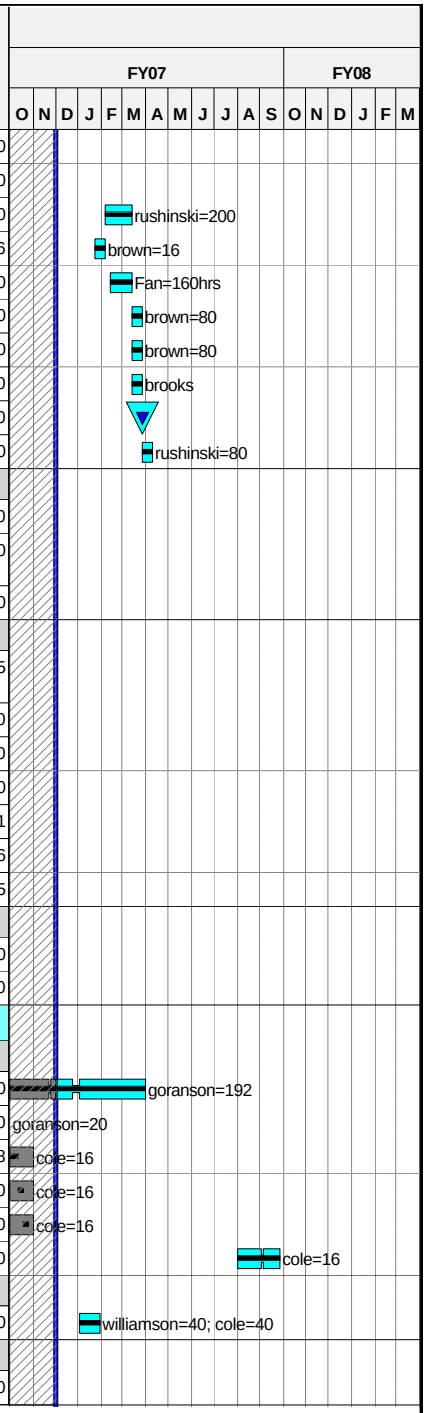
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A	30JUN05A			100	14,265.00	14,265.00	14,265.00
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A	30SEP05A			100	32,592.00	32,592.00	32,592.00
1803-5.003	Models & dwgs completed	06FEB07*	25	12MAR07	12MAR07		141		0.00	35,572.00	35,572.00
1803-5.1	Requirements finalized	23JAN07*	10	05FEB07	05FEB07		141		0.00	2,845.76	2,845.76
1803-5.004	Structural Analysis	13FEB07	20	12MAR07	12MAR07		141		0.00	28,457.60	28,457.60
1803-5.200	Metrology layout	13MAR07	10	26MAR07	26MAR07		141		0.00	14,228.80	14,228.80
1803-5.101	Assy sequence plan drafted	13MAR07	10	26MAR07	26MAR07		141		0.00	14,228.80	14,228.80
1803-5.102	Dimensional control plan drafted	13MAR07*	10	26MAR07	26MAR07		141		0.00	0.00	0.00
1803-5.005	PDR/FDR		0	26MAR07	26MAR07		141		0.00	0.00	0.00
1803-5.007	Dwgs/Specs for tooling released for fab	27MAR07	10	09APR07	09APR07		141		0.00	14,228.80	14,228.80
6.00-Interface/Test Activities											
1803-5.01	Finalize TFTR test cell FPA assembly layout draw	01JUN05A	42*	29JUL05A	29JUL05A			100	9,066.40	9,066.40	9,066.40
1803-5.03	Design MC assy test components	01JUN05A	25*	30JUN05A	30JUN05A			100	32,112.00	32,112.00	32,112.00
1803-5.04	Fab - Test Articles	01JUL05A	65*	30SEP05A	30SEP05A			100	19,215.00	19,215.00	19,215.00
7.00-Oversight											
1803-7.01	Meetings Prep and Reporting	01NOV04A	230*	30SEP05A	30SEP05A			LOE	114,037.05	114,037.05	114,037.05
1803-7.02	Develop and maintain concept definition document	01NOV04A	230*	30SEP05A	30SEP05A			LOE	9,915.00	9,915.00	9,915.00
1803-7.03	Develop and maintain assembly plan document	01NOV04A	349*	30SEP05A	30SEP05A			LOE	9,254.00	9,254.00	9,254.00
1803-7.04	Mike Cole's FY05 on-site involvement in assembly	01NOV04A	230*	30SEP05A	30SEP05A			LOE	24,800.00	24,800.00	24,800.00
1803-7.10	Tom Brown Engineering	03OCT05A	249*	01AUG06A	01AUG06A			LOE	156,615.71	156,615.71	156,615.71
1803-7.20	Design Activity	03OCT05A	249*	01AUG06A	01AUG06A			LOE	124,050.46	124,050.46	124,050.46
1803-7.21	Design Activity	01MAY06A	107*	01AUG06A	01AUG06A			LOE	10,598.45	10,598.45	10,598.45
Prior Costs											
FY05CV-29	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				-148,000.00	-148,000.00	-148,000.00
FY06CV-140	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	6,100.00	6,100.00	6,100.00
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*	30MAR07	30MAR07		888	LOE	11,353.65	33,004.80	33,004.80
1803-1-100	Prep Stage 1 Spec	01SEP06A	20	29SEP06A	29SEP06A			100	3,374.00	3,374.00	3,374.00
1803-1-105	Stage 1 dwg -SE121-004	02OCT06A	10	31OCT06A	12OCT06			100	2,750.40	2,750.40	2,745.28
1803-1-110	Stage 1 dwg -SE121-008	02OCT06A	5	31OCT06A	19OCT06			100	2,750.40	2,750.40	2,750.40
1803-1-115	Stage 1 dwg -SE121-049 (BOM)	02OCT06A	5	31OCT06A	26OCT06			100	2,750.40	2,750.40	2,750.40
1803-1-120	Spacer specification and assy dwgs	01AUG07*	40	26SEP07	26SEP07		283		0.00	2,750.40	2,750.40
Station 2-Modular Coil Sub- Assembly											
1803-2-100	Prep Stage 2 Spec	02JAN07*	20	29JAN07	29JAN07		119		0.00	13,752.00	13,752.00
Station 3-Modular Coil to VVSA Assembly											
1203-803	Prelim VV final assy dwgs 120-049,004 & 008		83*	30JUN06A	30JUN06A			60	4,048.80	4,048.80	4,048.80



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Forecast
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Progress Bar
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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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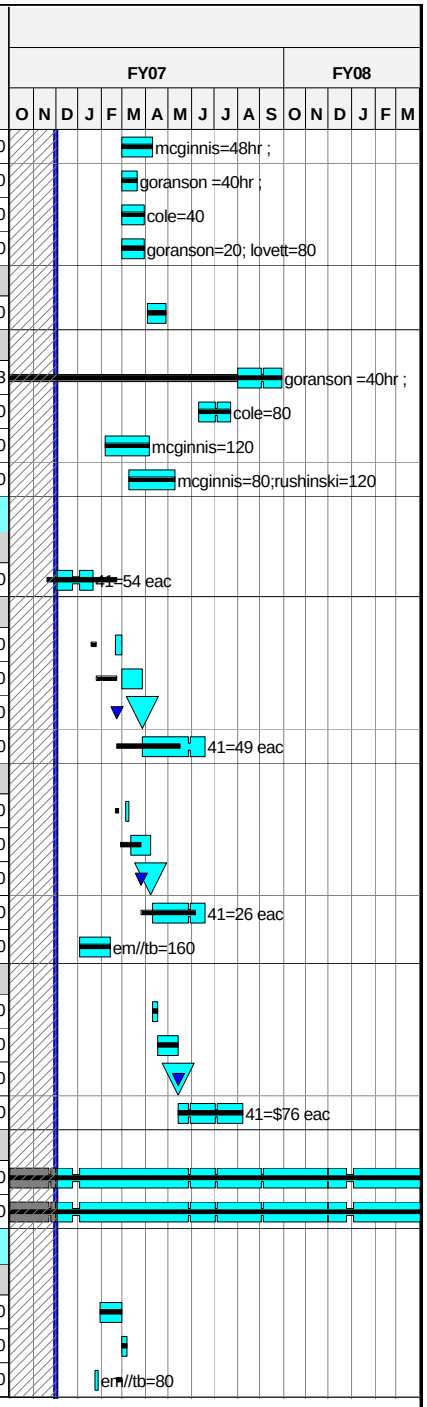
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1203-880	Issue 120-049,004 & 008	01MAR07*	28	09APR07	09APR07		137		0.00	8,251.20	8,251.20
1203-804	Issue VV assy specification	01MAR07*	13	19MAR07	19MAR07		152		0.00	6,876.00	6,876.00
1803-3-100	Prep stage 3 Spec	01MAR07*	20	28MAR07	28MAR07		145		0.00	6,876.00	6,876.00
1803-3-105	Stage 3 dwg-se140-xxx - Interface between VV and	01MAR07*	20	28MAR07	28MAR07		145		0.00	17,190.00	17,190.00
Station 4-TF Coil Sub-assembly											
1803-4-100	Prep stage 4 Spec	02APR07*	20	27APR07	27APR07		184		0.00	0.00	0.00
Station 5-Final Field Period Assembly											
1203-802	Issue spacer field machining dwgs	01JAN06A	171*	28SEP07	28SEP07		287	80	5,423.55	18,982.43	18,982.43
1803-5-100	Prep stage 5 Spec	11JUN07*	30	23JUL07	23JUL07		138		0.00	13,752.00	13,752.00
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD DETAILS	05FEB07*	44	05APR07	05APR07		213		0.00	20,628.00	20,628.00
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	08MAR07*	44	08MAY07	08MAY07		190		0.00	35,095.20	35,095.20
Job: 1805-FP Assy H/W&Fixture Procurements-DUDEK											
Station 2-Modular Coil Sub- Assembly											
1803-2.11	MTM ship stands and PPPL modify	01DEC06*	30	19JAN07	21FEB07		140		0.00	14,686.20	74,034.00
Station 3-Modular Coil to VVSA Assembly											
1803-3.08A	Requisition issued	20FEB07	5	26FEB07	24JAN07		102		0.00	0.00	0.00
1803-3.08B	Recieve & Evaluate Bids	27FEB07	20	26MAR07	21FEB07		102		0.00	0.00	0.00
1803-3.15D	Award Fabrication Contract		0	26MAR07	21FEB07		102		0.00	0.00	0.00
1803-3.15C	Tooling fabricated (1 fixture)	27MAR07	60	19JUN07	16MAY07		102		0.00	67,179.00	67,179.00
Station 4-TF Coil Sub-assembly											
1803-4.13A	Requisition issued	05MAR07	5	09MAR07	23FEB07		164		0.00	0.00	0.00
1803-4.13B	Receive bids and evaluate	12MAR07	20	06APR07	23MAR07		164		0.00	0.00	0.00
1803-4.13C	Award Fabrication contract		0	06APR07	23MAR07		164		0.00	0.00	0.00
1803-4.13	FAB-TF Support Stands (1)	09APR07	50	18JUN07	04JUN07		164		0.00	35,646.00	35,646.00
1351-090	PPPL Fab TF Coil Lift Beam (M1098)	02JAN07*	30	12FEB07	12FEB07		922		0.00	13,315.20	13,315.20
Station 5-Final Field Period Assembly											
1803-5.08A	Requisition Issued	10APR07	5	16APR07	16APR07		141		0.00	0.00	0.00
1803-5.08B	Receive bids and evaluate	17APR07	20	14MAY07	14MAY07		141		0.00	0.00	0.00
1803-5.008	Award fabrication contract		0	14MAY07	14MAY07		141		0.00	0.00	0.00
1803-5.009	Fabr suprt frame, TF coil instl fixt, & platform	15MAY07*	60	08AUG07	08AUG07		141		0.00	104,196.00	104,196.00
Tooling Design & Fabrication											
713A.040	General procurements	01OCT06A	499*	30SEP08	29SEP08		511		874.46	10,410.26	10,410.00
713A.050	Welding tools, materials & equipt	02OCT06A	499*	30SEP08	29SEP08		511		874.46	10,410.26	10,410.00
Job: 1802 - FP Assy Oversight&Support-VIOLA											
Station 2-Modular Coil Sub- Assembly											
1803-2.11B	Procedures approved	30JAN07*	20	26FEB07	26FEB07		119		0.00	0.00	0.00
1803-2.11D	Training needs identified & released	27FEB07*	5	05MAR07	05MAR07		119		0.00	0.00	0.00
1803-2.11A	Install Holding fixture	22JAN07*	5	26JAN07	28FEB07		140		0.00	6,657.60	6,657.60



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Forecast
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Progress Bar
Critical Activity

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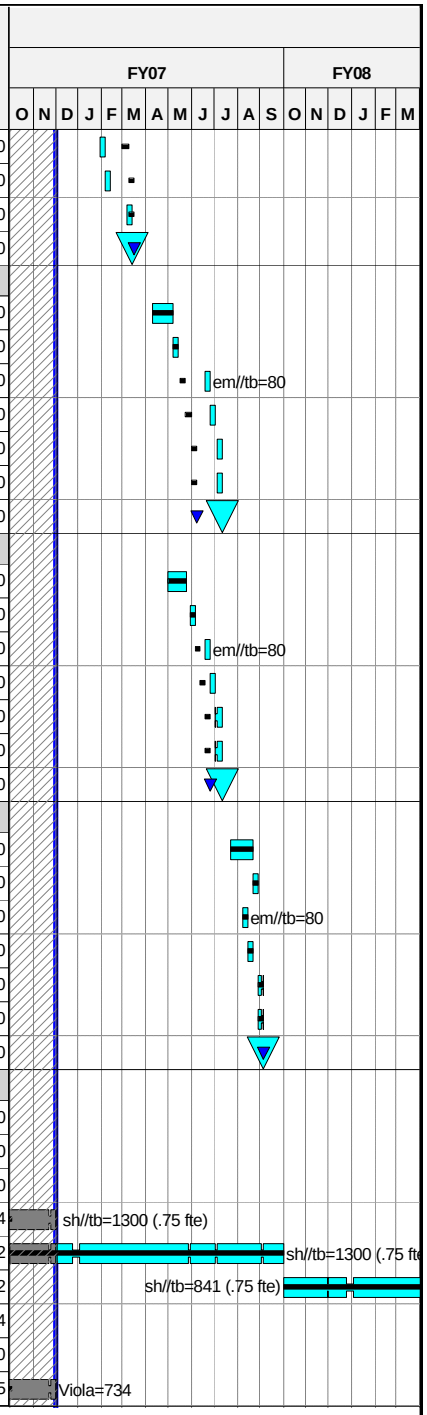
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
1803-2.11C	JHA completed	30JAN07*	5	05FEB07	07MAR07		139		0.00	0.00	0.00
1803-2.11E	ACC review completed	06FEB07*	5	12FEB07	14MAR07		139		0.00	0.00	0.00
1803-2.11F	Pre-jpb brief completed	06MAR07*	5	12MAR07	14MAR07		119		0.00	0.00	0.00
1803-2.11G	Station 2 operational		0	12MAR07	14MAR07		119		0.00	0.00	0.00
Station 3-Modular Coil to VVSA Assembly											
1803-3.11B	Procedures approved	10APR07	20	07MAY07	07MAY07		137		0.00	0.00	0.00
1803-3.11D	Training needs identified & released	08MAY07	5	14MAY07	14MAY07		137		0.00	0.00	0.00
1803-3.15G	Fixtures installed	20JUN07	5	26JUN07	23MAY07		102		0.00	6,657.60	6,657.60
1803-3.11C	JHA completed	27JUN07	5	03JUL07	31MAY07		102		0.00	0.00	0.00
1803-3.11E	ACC review completed	05JUL07	5	11JUL07	07JUN07		102		0.00	0.00	0.00
1803-3.11F	Pre-job brief completed	05JUL07	5	11JUL07	07JUN07		102		0.00	0.00	0.00
1803-3.11G	Station 3 operational		0	11JUL07	07JUN07		102		0.00	0.00	0.00
Station 4-TF Coil Sub-assembly											
1803-4.11B	Procedures approved	30APR07*	20	25MAY07	25MAY07		184		0.00	0.00	0.00
1803-4.11D	Training needs identified & released	29MAY07*	5	04JUN07	04JUN07		184		0.00	0.00	0.00
1803-4.15G	Fixtures installed	19JUN07	5	25JUN07	11JUN07		164		0.00	6,657.60	6,657.60
1803-4.11C	JHA completed	26JUN07*	5	02JUL07	18JUN07		164		0.00	0.00	0.00
1803-4.11E	ACC review completed	03JUL07*	5	10JUL07	25JUN07		164		0.00	0.00	0.00
1803-4.11F	Pre-job brief completed	03JUL07*	5	10JUL07	25JUN07		164		0.00	0.00	0.00
1803-4.11G	Station 4 operational		0	10JUL07	25JUN07		164		0.00	0.00	0.00
Station 5-Final Field Period Assembly											
1803-5.11B	Procedures approved	24JUL07*	20	20AUG07	20AUG07		138		0.00	0.00	0.00
1803-5.11D	Training needs identified & released	21AUG07*	5	27AUG07	27AUG07		138		0.00	0.00	0.00
1803-5.15G	Fixtures installed	09AUG07	5	15AUG07	15AUG07		141		0.00	6,657.60	6,657.60
1803-5.11C	JHA completed	16AUG07*	5	22AUG07	22AUG07		141		0.00	0.00	0.00
1803-5.11E	ACC review completed	28AUG07*	5	04SEP07	04SEP07		138		0.00	0.00	0.00
1803-5.11F	Pre-job brief completed	28AUG07*	5	04SEP07	04SEP07		138		0.00	0.00	0.00
1803-5.11G	Station 5 operational		0	04SEP07	04SEP07		138		0.00	0.00	0.00
Oversight and Supervision											
181.200	HP Coverage in the TFTR TC LOE FY04	02FEB04A	171*	30SEP04A	30SEP04A			LOE	61,119.60	61,119.60	61,119.60
181.201	D-Site Shift Supervisor LOE FY04	01JUL04A	64*	30SEP04A	30SEP04A			LOE	25,920.40	25,920.40	25,920.40
181.210	HP Coverage in the TFTR TC LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			LOE	136,539.00	136,539.00	136,539.00
181.222	HP Coverage in the TFTR TC LOE FY06	01OCT05A	291*		02OCT06			LOE	147,779.44	147,779.44	147,328.84
181.220	HP Coverage in the TFTR TC LOE FY07	01OCT06A	250*	01OCT07	01OCT07		760		25,291.26	150,543.22	150,543.22
181.221	HP Coverage in the TFTR TC LOE FY08	01OCT07*	127*	07APR08	07APR08		634		0.00	75,205.82	75,205.82
181.100	PPPL EM LOE FY04	13OCT03A	242*	30SEP04A	30SEP04A			LOE	77,518.74	77,518.74	77,518.74
181.110	PPPL EM LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			LOE	9,625.20	9,625.20	9,625.20
181.120	PPPL EM LOE FY06	01DEC05A	250*		02OCT06			LOE	127,823.69	127,823.69	127,369.65



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Forecast
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Progress Bar
Critical Activity

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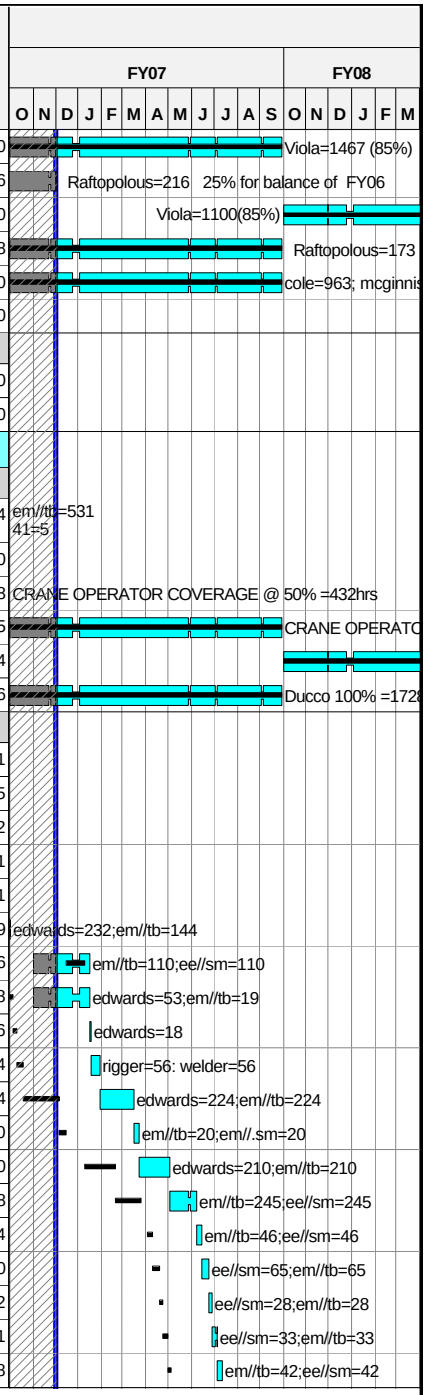
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
181.121	PPPL EM LOE FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**		43,956.75	260,099.10	260,099.10
181.120A	Metrology Engineering Supervision FY06	01MAY06A	149*		**29SEP06**				37,828.33	37,828.33	37,596.96
181.122	PPPL EM LOE FY08	01OCT07*	186*	30JUN08	**30JUN08**		**575**		0.00	200,288.00	200,288.00
181.120B	Metrology Engineering Supervision FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**		5,200.09	30,769.78	30,769.78
181.125	Title III field period assembly FY07 ORNL suppor	01OCT06A	249*	28SEP07	**28SEP07**		**761**		32,624.39	193,043.70	193,043.70
FY05CV-28	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				57,000.00	57,000.00	57,000.00
FY06CV-135	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	**30MAR06A**			**100**	-14,280.00	-14,280.00	-14,280.00
FY06CV-300	ECP52 FY06 cv	01APR06A	251*	29SEP06A	**29SEP06A**			**100**	12,000.00	12,000.00	12,000.00
Job:1810 - Field Period Assembly-VIOLA											
General F.P. Assy support											
740.020	Facility Prep	01MAR06A	150*	29SEP06A	**29SEP06A**			**LOE**	50,099.64	50,099.64	50,099.64
FY06CV-150	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	**30MAR06A**			**100**	400.00	400.00	400.00
S0P0-100	LOE Crane support, fixture setupfor TFTR TC.	01MAY06A	107*	29SEP06A	**29SEP06A**			**LOE**	35,182.08	35,182.08	35,182.08
S0P0-200	LOE Crane support, fixture setupfor TFTR TC.	01OCT06A	249*	28SEP07	**28SEP07**		**761**	**LOE**	11,790.56	69,766.65	69,766.65
S0P0-250	LOE Crane support, fixture setupfor TFTR TC.	02OCT07*	248*	29SEP08	**29SEP08**		**512**	**LOE**	0.00	71,644.54	71,644.54
S0P0-300	LOE Metrology support	01OCT06A	249*	28SEP07	**28SEP07**		**761**	**LOE**	24,302.90	143,804.16	143,804.16
Station 1-VV Prep (hard surface components) FP#1											
S1P1-101	Receive VV and inspect	09MAY06A	2	11MAY06A	**11MAY06A**			**100**	2,079.11	2,079.11	2,079.11
S1P1-101.1	metrology setup,training and calibration	15MAY06A	34*	13JUN06A	**13JUN06A**			**100**	8,647.25	8,647.25	8,647.25
S1P1-101A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A	**29JUN06A**			**100**	5,909.02	5,909.02	5,909.02
S1P1-102	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A	**30JUN06A**			**100**	2,086.71	2,086.71	2,086.71
S1P1-103	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A	**31JUL06A**			**100**	8,158.61	8,158.61	8,158.61
S1P1-103.1	Layout diagnostic&coolant paths on vsl w/templt		0*	29SEP06A	**29SEP06A**			**100**	42,015.59	42,015.59	42,015.59
S1P1-106	Attach studs for coolant lines	01NOV06A	46*	15JAN07	**08JAN07**		**115**	**50**	8,930.88	17,861.76	17,861.76
S1P1-104	Install heater tape on vertical ports	01NOV06A	46*	15JAN07	**05OCT06**		**115**	**10**	844.56	8,445.62	8,409.58
S1P1-105	Verify installation of heater tapes	16JAN07	3	18JAN07	**10OCT06**		**115**		0.00	2,329.56	2,329.56
S1P1-105.1	Check port weld fit-up	19JAN07	7	29JAN07	**19OCT06**		**115**		0.00	9,320.64	9,320.64
S1P1-107	Install random magnetic diagnostic sensors	30JAN07	32	14MAR07	**06DEC06**		**115**		0.00	54,435.84	54,435.84
S1P1-107.1	Loop termination & verification	15MAR07	5	21MAR07	**13DEC06**		**115**		0.00	7,497.70	7,497.70
S1P1-107.2	Install precision magnetic diagnostic sensors	22MAR07	30	02MAY07	**19FEB07**		**115**		0.00	51,033.60	51,033.60
S1P1-108	Install cooling/htg lines to vac vsl	03MAY07	24	06JUN07	**23MAR07**		**115**		0.00	40,826.88	40,826.88
S1P1-109	Verify Instl of H/C lines,headers,manifolds	07JUN07*	5	13JUN07	**09APR07**		**115**		0.00	9,781.44	9,781.44
S1P1-110	Install local I&C (incl thermocouples)	14JUN07	7	22JUN07	**18APR07**		**115**		0.00	13,821.60	13,821.60
S1P1-111	Verify installation of local I&C	25JUN07	3	27JUN07	**23APR07**		**115**		0.00	5,953.92	5,953.92
S1P1-112	Final Scan	28JUN07	5	05JUL07	**30APR07**		**115**		0.00	7,049.01	7,049.01
S1P1-116	Prepare and transfer completed VV to holding are	06JUL07	3	10JUL07	**03MAY07**		**115**		0.00	8,930.88	8,930.88



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Forecast
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Progress Bar
Critical Activity

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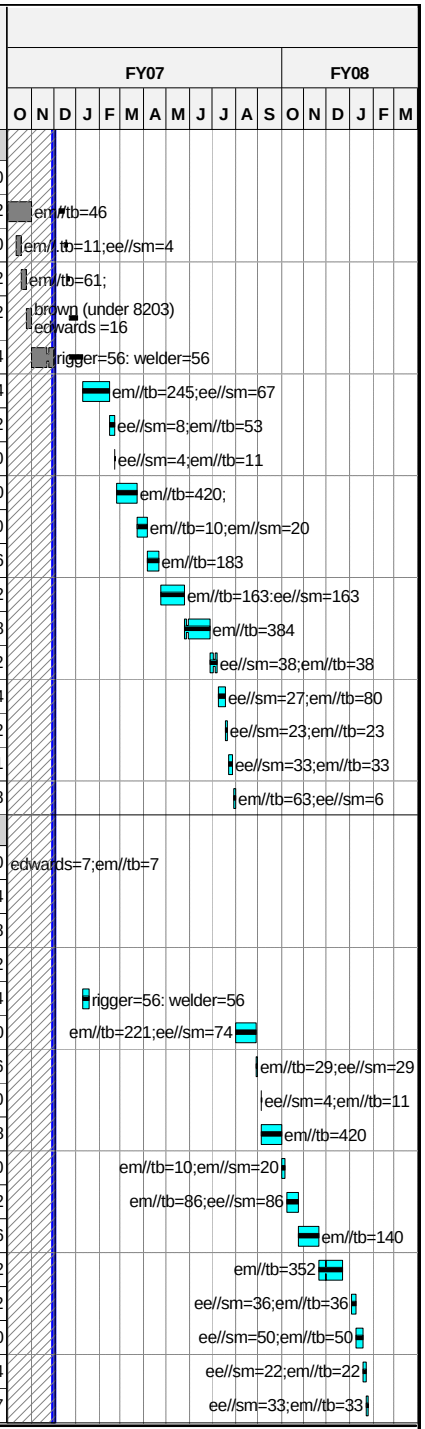
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)											
S1P2-101	Receive VV and inspect	31JUL06A	3	31JUL06A	**31JUL06A**			**100**	1,664.80	1,664.80	1,664.80
S1P2-101A	Prep for mounting on fixture,Instl flanges	02OCT06A	5	31OCT06A	**14DEC06**			**100**	3,828.12	3,828.12	3,828.12
S1P2-102	Mount VV on VV Prep fixture (top side up)	13OCT06A	2	18OCT06A	**18DEC06**			**100**	1,433.10	1,433.10	1,433.10
S1P2-103	Establish metrology setting; align VV base	19OCT06A	3	25OCT06A	**21DEC06**			**100**	5,076.42	5,076.42	5,076.42
S1P3-103.2	Perform full machine best fit	26OCT06A	2	31OCT06A	**02JAN07**			**100**	2,070.72	2,070.72	2,070.72
S1P2-105.1	Check port weld fit-up	01NOV06A	7	30NOV06A	**09JAN07**			**100**	9,320.64	9,320.64	9,320.64
S1P2-103.1	Layout diagnostic&coolant paths on vessel	10JAN07*	26	14FEB07	**14FEB07**		**173**		0.00	29,060.04	29,060.04
S1P2-104	Install heater tape on vertical ports	15FEB07	4	20FEB07	**20FEB07**		**173**		0.00	5,446.02	5,446.02
S1P2-105	Verify installation of heater tapes	21FEB07	1	21FEB07	**21FEB07**		**173**		0.00	1,433.10	1,433.10
S1P2-107	Wind magnetic diagnostic sensors	23FEB07	20	22MAR07	**22MAR07**		**173**		0.00	23,301.60	23,301.60
S1P2-107.1	Loop termination & verification	23MAR07	9	04APR07	**04APR07**		**173**		0.00	3,452.20	3,452.20
S1P2-106	Attach studs forcoolant lines	05APR07	12	20APR07	**20APR07**		**173**		0.00	15,229.26	15,229.26
S1P2-107.2	Install precision magnetic diagnostic sensors	23APR07	24	24MAY07	**24MAY07**		**173**		0.00	34,660.32	34,660.32
S1P2-108	Install cooling/htg lines to vac vsl	25MAY07	24	28JUN07	**28JUN07**		**173**		0.00	31,956.48	31,956.48
S1P2-109	Verify Instl of H/C lines,headers,manifolds	29JUN07	5	06JUL07	**06JUL07**		**173**		0.00	8,080.32	8,080.32
S1P2-110	Install local I&C (incl thermocouples)	09JUL07	7	17JUL07	**17JUL07**		**173**		0.00	10,151.94	10,151.94
S1P2-111	Verify installation of local I&C	18JUL07	3	20JUL07	**20JUL07**		**173**		0.00	4,890.72	4,890.72
S1P2-112	Final Scan	23JUL07	5	27JUL07	**27JUL07**		**173**		0.00	7,049.01	7,049.01
S1P2-116	Prepare and transfer completed VV to holding are	30JUL07	3	01AUG07	**01AUG07**		**173**		0.00	6,019.38	6,019.38
Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2)											
S1P3-101	Receive VV and inspect	27SEP06A	3	27SEP06A	**27SEP06A**			**100**	1,456.70	1,456.70	1,456.70
S1P3-101A	Prep for mounting on fixture,Instl flanges	01AUG06A	3	07AUG06A	**07AUG06A**			**100**	3,999.34	3,999.34	3,999.34
S1P3-102	Mount VV on VV Prep fixture (top side up)	08AUG06A	1	09AUG06A	**09AUG06A**			**100**	1,402.48	1,402.48	1,402.48
S1P3-103	Establish metrology setting; align VV base	14AUG06A	4	14AUG06A	**14AUG06A**			**100**	4,723.52	4,723.52	4,723.52
S1P3-105.1	Check port weld fit-up	10JAN07*	7	18JAN07	**18JAN07**		**236**		0.00	9,320.64	9,320.64
S1P3-103.1	Layout diagnostic&coolant paths on vessel	01AUG07*	19	27AUG07	**27AUG07**		**100**		0.00	27,968.70	27,968.70
S1P3-104	Install heater tape on vertical ports	28AUG07	4	31AUG07	**31AUG07**		**100**		0.00	6,166.56	6,166.56
S1P3-105	Verify installation of heater tapes	04SEP07	1	04SEP07	**04SEP07**		**100**		0.00	1,433.10	1,433.10
S1P3-107	Wind magnetic diagnostic sensors	05SEP07	20	02OCT07	**02OCT07**		**100**		0.00	35,046.48	35,046.48
S1P3-107.1	Loop termination & verification	03OCT07	3	05OCT07	**05OCT07**		**100**		0.00	3,545.00	3,545.00
S1P3-106	Attach studs forcoolant lines	08OCT07	12	23OCT07	**23OCT07**		**100**		0.00	18,779.82	18,779.82
S1P3-107.2	Install precision magnetic diagnostic sensors	24OCT07	19	19NOV07	**19NOV07**		**100**		0.00	22,732.36	22,732.36
S1P3-108	Install cooling/htg lines to vac vsl	20NOV07	22	21DEC07	**21DEC07**		**100**		0.00	30,081.92	30,081.92
S1P3-109	Verify Instl of H/C lines,headers,manifolds	02JAN08	5	08JAN08	**08JAN08**		**100**		0.00	7,861.32	7,861.32
S1P3-110	Install local I&C (incl thermocouples)	09JAN08	7	17JAN08	**17JAN08**		**100**		0.00	10,918.50	10,918.50
S1P3-111	Verify installation of local I&C	18JAN08	3	22JAN08	**22JAN08**		**100**		0.00	4,804.14	4,804.14
S1P3-112	Final Scan	23JAN08	3	25JAN08	**25JAN08**		**100**		0.00	7,238.97	7,238.97



Run Date 13DEC06 10:34

Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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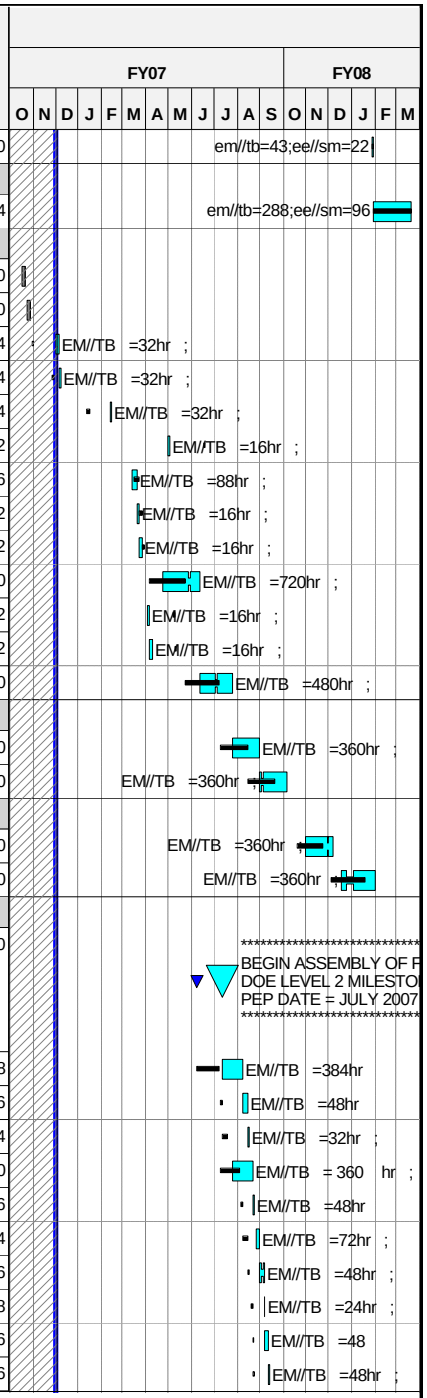
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
S1P3-116	Prepare and transfer completed VV to holding are	28JAN08	3	30JAN08	**30JAN08**		**100**		0.00	6,598.80	6,598.80
Station 1-Spool pieces (3) (spacers)											
S1SP-101	Attachdiagnostics, studs and coolant lines	31JAN08	35	19MAR08	**19MAR08**		**202**		0.00	37,371.84	37,371.84
Station 2-Modular Coil Subassembly-FP#1											
S2P1-0000	Pre-fit C1-B1	16OCT06A	1	20OCT06A					0.00	0.00	0.00
S2P1-00000	Pre-fit C1-C2	23OCT06A	1	27OCT06A					0.00	0.00	0.00
S2P1-001	Pre-fit C2-C3 (no re-work)	01DEC06*	3	05DEC06	**01NOV06**		**186**		0.00	2,663.04	2,663.04
S2P1-003	Pre-fit C1-C5	06DEC06*	3	08DEC06	**29NOV06**		**186**		0.00	2,663.04	2,663.04
S2P1-005	Pre-fit A1-A2	12FEB07*	3	14FEB07	**15JAN07**		**147**		0.00	2,663.04	2,663.04
S2P1-007	Pre-fit C6-C4	01MAY07	2	02MAY07	**19JUN07**		**199**		0.00	1,331.52	1,331.52
S2P1-010	Test out equipt & procedures	13MAR07	6	20MAR07	**22MAR07**		**119**		0.00	7,323.36	7,323.36
S2P1-012	Fit C1-B1	21MAR07	2	22MAR07	**26MAR07**		**119**		0.00	1,331.52	1,331.52
S2P1-014	Fit B1-A1	23MAR07	2	26MAR07	**28MAR07**		**119**		0.00	1,331.52	1,331.52
S2P1-100	Assemble/Align Mod-Coils A1/B1/C1	23APR07	35	11JUN07	**23MAY07**		**100**		0.00	59,918.40	59,918.40
S2P1-016	Fit A2-B2	04APR07	2	05APR07	**09MAY07**		**144**		0.00	1,331.52	1,331.52
S2P1-018	Fit B2-C2	06APR07	2	09APR07	**11MAY07**		**144**		0.00	1,331.52	1,331.52
S2P1-200	Assemble/Align Mod-Coils A2/B2/C2	12JUN07	30	24JUL07	**06JUL07**		**100**		0.00	39,945.60	39,945.60
Station 2-Modular Coil Subassembly-FP#2											
S2P2-100	Assemble/Align Mod-Coils A3/B3/C3	25JUL07	27	30AUG07	**14AUG07**		**115**		0.00	29,959.20	29,959.20
S2P2-200	Assemble/Align Mod-Coils A4/B4/C4	31AUG07	25	05OCT07	**19SEP07**		**115**		0.00	30,120.48	29,959.20
Station 2-Modular Coil Subassembly-FP#3											
S2P3-100	Assemble/Align Mod-Coils A5/B5/C5	31OCT07	25	06DEC07	**22NOV07**		**98**		0.00	30,765.60	30,765.60
S2P3-200	Assemble/Align Mod-Coils A6/B6/C6	19DEC07	25	31JAN08	**17JAN08**		**90**		0.00	30,765.60	30,765.60
Station 3-Assemble Mod Coils and VVSA-FP#1											
S3P1-000	Begin Assembly of First Field Period Assy		0	11JUL07	**07JUN07**		**102**		0.00	0.00	0.00
S3P1-001	Test out station 3 equipment and procedures	12JUL07	20	08AUG07	**06JUL07**		**102**		0.00	31,956.48	31,956.48
S3P1-101	VV to MC turning fixt base; metr check	09AUG07	4	14AUG07	**12JUL07**		**102**		0.00	3,994.56	3,994.56
S3P1-101.1	Attach local protective strips to VV&locate sens	15AUG07	3	17AUG07	**17JUL07**		**102**		0.00	2,663.04	2,663.04
S2P1-201	Assemble/Disassemble abc1-abc2 (stage 3 fixture)	25JUL07	20	21AUG07	**03AUG07**		**100**		0.00	29,959.20	29,959.20
S3P1-102	Mount MC on crane; perform metr checks	22AUG07	3	24AUG07	**08AUG07**		**100**		0.00	3,994.56	3,994.56
S3P1-103	Rotate right MC to stand-off position&chk	27AUG07	4	30AUG07	**14AUG07**		**100**		0.00	5,991.84	5,991.84
S3P1-104	Transfer load to sprt sys and recheck position	31AUG07	3	05SEP07	**17AUG07**		**100**		0.00	3,994.56	3,994.56
S3P1-105	Move MC turning fixt; mount MC on crane	06SEP07	1	06SEP07	**20AUG07**		**100**		0.00	1,997.28	1,997.28
S3P1-106	Rotate left MC to stand-off position and check p	07SEP07	2	10SEP07	**22AUG07**		**100**		0.00	3,994.56	3,994.56
S3P1-107	Move left & right MC to final position & measure	11SEP07	2	12SEP07	**24AUG07**		**100**		0.00	3,994.56	3,994.56



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

NCSX

ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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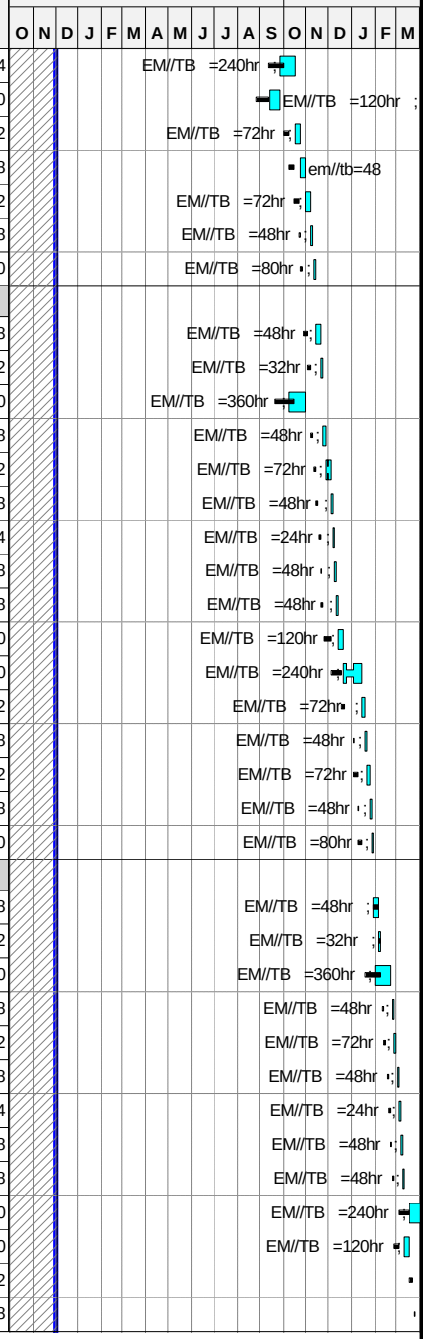
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
S3P1-108	Pot 3 packs together	27SEP07	15	17OCT07	**01OCT07**		**100**		0.00	20,438.72	20,008.64
S3P1-109	Bolt together at flange interface.	13SEP07	10	26SEP07	**10SEP07**		**100**		0.00	9,986.40	9,986.40
S3P1-110	Perform final metrology position check	18OCT07	5	24OCT07	**08OCT07**		**100**		0.00	6,153.12	6,153.12
S3P1-110.1	Remove temp interference strips&sensors	25OCT07	5	31OCT07	**15OCT07**		**100**		0.00	4,102.08	4,102.08
S3P1-111	Secure VV to MC's using temporary supports.	01NOV07	5	07NOV07	**22OCT07**		**100**		0.00	6,153.12	6,153.12
S4P1-114	Prepare Field Period for shipment	08NOV07	2	09NOV07	**24OCT07**		**100**		0.00	4,102.08	4,102.08
S4P1-115	Transfer completed assy to C-site test cell	12NOV07	2	13NOV07	**26OCT07**		**100**		0.00	6,836.80	6,836.80
Station 3-Assemble Mod Coils and VVSA-FP#2											
S3P2-101	Mount VV to MC turning fixt base; metr check	14NOV07	4	19NOV07	**01NOV07**		**100**		0.00	4,102.08	4,102.08
S3P2-101.1	Attach local protective strips to VV&locate sens	20NOV07	3	22NOV07	**06NOV07**		**100**		0.00	2,734.72	2,734.72
S2P2-201	Assemble/Disassemble abc -abc4 (stage 3 fixture)	08OCT07	18	31OCT07	**15OCT07**		**116**		0.00	30,765.60	30,452.00
S3P2-102	Mount MC on crane; perform metr checks	23NOV07	3	27NOV07	**09NOV07**		**100**		0.00	4,102.08	4,102.08
S3P2-103	Rotate right MC to stand-off position&chk	28NOV07	3	04DEC07	**14NOV07**		**100**		0.00	6,153.12	6,153.12
S3P2-104	Transfer load to supt sys and recheck position	05DEC07	2	06DEC07	**16NOV07**		**100**		0.00	4,102.08	4,102.08
S3P2-105	Move MC turning fixt; mount MC on crane	07DEC07	1	07DEC07	**19NOV07**		**100**		0.00	2,051.04	2,051.04
S3P2-106	Rotate left MC to stand-off position and check p	10DEC07	2	11DEC07	**21NOV07**		**100**		0.00	4,102.08	4,102.08
S3P2-107	Move left & right MC to final position & measure	12DEC07	2	13DEC07	**23NOV07**		**100**		0.00	4,102.08	4,102.08
S3P2-109	Bolt together at flange interface.	14DEC07	5	20DEC07	**04DEC07**		**100**		0.00	10,255.20	10,255.20
S3P2-108	Pot 3 packs together	21DEC07	10	14JAN08	**18DEC07**	2	**100**		0.00	20,510.40	20,510.40
S3P2-110	Perform final metrology position check	15JAN08	3	17JAN08	**21DEC07**	2	**100**		0.00	6,153.12	6,153.12
S3P2-110.1	Remove temp interference strips&sensors	18JAN08	2	21JAN08	**03JAN08**	2	**100**		0.00	4,102.08	4,102.08
S3P2-111	Secure VV to MC's using temporary supports.	22JAN08	3	24JAN08	**08JAN08**	2	**100**		0.00	6,153.12	6,153.12
S4P2-114	Prepare Field Period for shipment	25JAN08	2	28JAN08	**10JAN08**		**100**		0.00	4,102.08	4,102.08
S4P2-115	Transfer completed assy to C-site test cell	29JAN08	2	30JAN08	**14JAN08**		**100**		0.00	6,836.80	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	**05FEB08**		**100**		0.00	4,102.08	4,102.08
S3P3-101.1	Attach local protective strips to VV&locate sens	06FEB08	3	08FEB08	**08FEB08**		**100**		0.00	2,734.72	2,734.72
S2P3-201	Assemble/Disassemble abc -abc6 (Stage 3 fixture)	01FEB08	16	22FEB08	**08FEB08**		**90**		0.00	30,765.60	30,765.60
S3P3-102	Mount MC on crane; perform metr checks	25FEB08	2	26FEB08	**12FEB08**		**90**		0.00	4,102.08	4,102.08
S3P3-103	Rotate right MC to stand-off position&chk	27FEB08	3	29FEB08	**15FEB08**		**90**		0.00	6,153.12	6,153.12
S3P3-104	Transfer load to supt sysand recheck position	03MAR08	2	04MAR08	**19FEB08**		**90**		0.00	4,102.08	4,102.08
S3P3-105	Move MC turning fixt; mount MC on crane	05MAR08	1	05MAR08	**20FEB08**		**90**		0.00	2,051.04	2,051.04
S3P3-106	Rotate left MC to stand-off position and check p	06MAR08	2	07MAR08	**22FEB08**		**90**		0.00	4,102.08	4,102.08
S3P3-107	Move left & right MC to final position & measure	10MAR08	2	11MAR08	**26FEB08**		**90**		0.00	4,102.08	4,102.08
S3P3-108	Pot 3 packs together	19MAR08	10	01APR08	**18MAR08**		**90**		0.00	20,510.40	20,510.40
S3P3-109	Bolt together at flange interface.	12MAR08	5	18MAR08	**04MAR08**		**90**		0.00	10,255.20	10,255.20
S3P3-110	Perform final metrology position check	02APR08	3	04APR08	**21MAR08**		**90**		0.00	6,153.12	6,153.12
S3P3-110.1	Remove temp interference strips&sensors	07APR08	2	08APR08	**25MAR08**		**90**		0.00	4,102.08	4,102.08



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

NCSX

ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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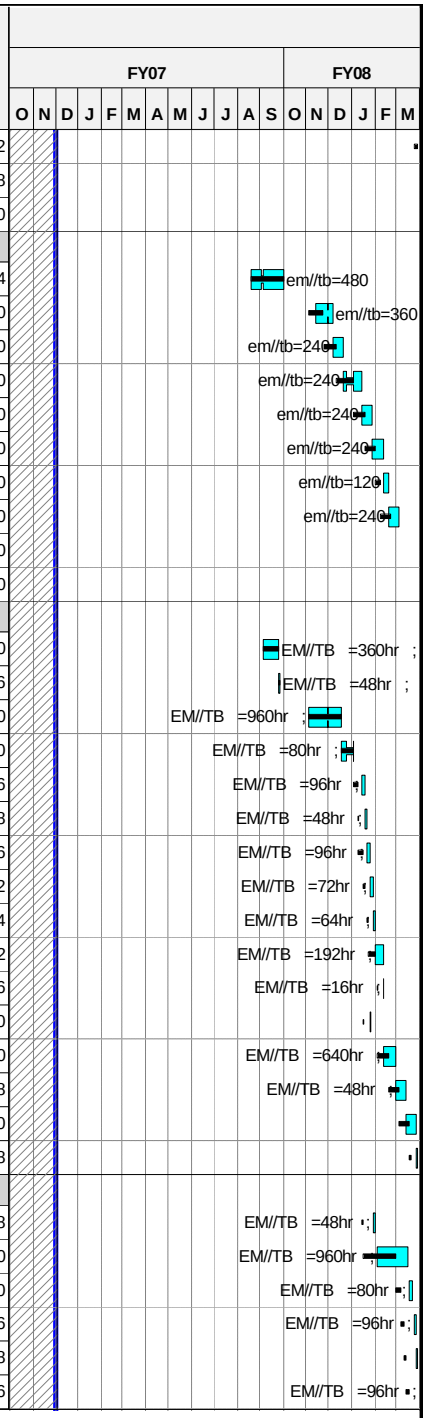
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
S3P3-111	Secure VV to MC's using temporary supports.	09APR08	3	11APR08	**28MAR08**		**90**		0.00	6,153.12	6,153.12
S4P3-114	Prepare Field Period for shipment	14APR08	2	15APR08	**01APR08**	2	**90**		0.00	4,102.08	4,102.08
S4P3-115	Transfer completed assy to C-site test cell	16APR08	1	16APR08	**02APR08**	2	**90**		0.00	6,836.80	6,836.80
Station 4 - TF HP Pre-Assy											
184-000	Test out station 4 equipment and procedures	20AUG07*	30	01OCT07	**01OCT07**		**136**		0.00	39,981.44	39,981.44
184-100	Assemble 3 TF coils&structure -Left-Period #1	14NOV07	15	06DEC07	**23NOV07**		**105**		0.00	30,765.60	30,765.60
184-105	Assemble 3 TF coils&structure -Right -Period #1	07DEC07	10	20DEC07	**11DEC07**		**105**		0.00	20,510.40	20,510.40
184-105AD	Assemble/disassemble TF 6 pac (FP#1)	21DEC07	10	14JAN08	**03JAN08**		**105**		0.00	20,510.40	20,510.40
184-110	Assemble 3 TF coils&structure -Left-Period #2	15JAN08	10	28JAN08	**17JAN08**		**136**		0.00	20,510.40	20,510.40
184-115	Assemble 3 TF coils&structure -Right -Period #2	29JAN08	10	11FEB08	**31JAN08**		**136**		0.00	20,510.40	20,510.40
184-115AD	Assemble/disassemble TF 6 pac (FP#2)	12FEB08	5	18FEB08	**07FEB08**		**136**		0.00	10,255.20	10,255.20
184-120	Assemble 3 TF coils&structure -Left -Period #3	19FEB08	10	03MAR08	**21FEB08**		**142**		0.00	20,510.40	20,510.40
184-125	Assemble 3 TF coils&structure -Right -Period #3	12MAY08	10	23MAY08	**14MAY08**		**93**		0.00	20,510.40	20,510.40
184-125AD	Assemble/disassemble TF 6 pac (FP#3)	27MAY08	5	02JUN08	**21MAY08**		**93**		0.00	10,255.20	10,255.20
Station 5- Final FP Assy -FP#1 (in NCSX TC)											
S4P1-100	Testout Sta5 equipt & procedures	05SEP07	15	25SEP07	**25SEP07**		**138**		0.00	29,959.20	29,959.20
S4P1-101	Mount MC/VV assembly to support frame a	26SEP07	2	27SEP07	**27SEP07**		**138**		0.00	3,994.56	3,994.56
S4P1-102	Position and weld all ports to VV	05NOV07	30	18DEC07	**18DEC07**	2	**112**		0.00	82,041.60	82,041.60
S4P1-103	Inspect Welds	19DEC07	5	03JAN08	**03JAN08**		**112**		0.00	6,836.80	6,836.80
S4P1-104	Assemble left TF Coil Assembly check position	15JAN08	3	17JAN08	**08JAN08**		**105**		0.00	8,204.16	8,204.16
S4P1-105	Change platforms	18JAN08	2	21JAN08	**10JAN08**		**105**		0.00	4,102.08	4,102.08
S4P1-106	Assemble right TF Coil Assembly chk position	22JAN08	3	24JAN08	**15JAN08**		**105**		0.00	8,204.16	8,204.16
S4P1-107	Attach TF coils to MC's	25JAN08	3	29JAN08	**18JAN08**		**105**		0.00	6,153.12	6,153.12
S4P1-108	Change platforms	30JAN08	2	31JAN08	**22JAN08**		**105**		0.00	5,469.44	5,469.44
S4P1-109	Position, weld two large horizontal diag ports	01FEB08	8	12FEB08	**01FEB08**		**105**		0.00	16,408.32	16,408.32
S4P1-110	Inspect Welds	13FEB08	1	13FEB08	**04FEB08**		**105**		0.00	1,367.36	1,367.36
S4P1-111	Assemble external trim coils (in wbs75)	25JAN08	0	24JAN08	**15JAN08**		**119**		0.00	0.00	0.00
S4P1-112	Close up VV, leak check	14FEB08	10	27FEB08	**18FEB08**		**105**		0.00	54,694.40	54,694.40
S4P1-113	Adjust final support base interfaces	28FEB08	10	12MAR08	**03MAR08**		**105**		0.00	4,102.08	4,102.08
S4P1-113.5	Final metrology outside & inside	13MAR08	10	26MAR08	**17MAR08**		**105**		0.00	0.00	0.00
S3P1-112	Install on support platform	27MAR08	2	28MAR08	**19MAR08**		**161**		0.00	4,102.08	4,102.08
Station 5- Final FP Assy -FP#2 (in NCSX TC)											
S4P2-101	Mount MC/VV assembly to support frame a	31JAN08	2	01FEB08	**16JAN08**		**112**		0.00	4,102.08	4,102.08
S4P2-102	Position and weld all ports to VV	04FEB08	30	14MAR08	**27FEB08**	2	**112**		0.00	82,041.60	82,041.60
S4P2-103	Inspect Welds	17MAR08	5	21MAR08	**05MAR08**		**112**		0.00	6,836.80	6,836.80
S4P2-104	Assemble left TF Coil Assembly check position	24MAR08	3	26MAR08	**10MAR08**		**112**		0.00	8,204.16	8,204.16
S4P2-105	Change platforms	27MAR08	2	28MAR08	**12MAR08**		**112**		0.00	4,102.08	4,102.08
S4P2-106	Assemble right TF Coil Assembly chk position	31MAR08	3	02APR08	**17MAR08**		**112**		0.00	8,204.16	8,204.16



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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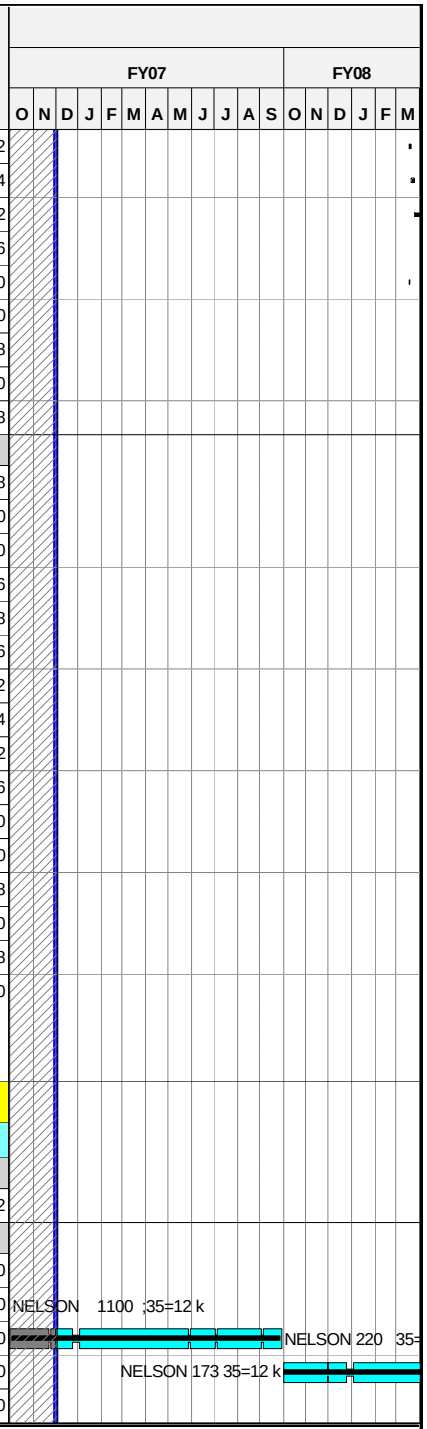
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
S4P2-107	Attach TF coils to MC's	03APR08	3	07APR08	20MAR08		112		0.00	6,153.12	6,153.12
S4P2-108	Change platforms	08APR08	2	09APR08	24MAR08		112		0.00	5,469.44	5,469.44
S4P2-109	Position, weld two large horizontal diag ports	10APR08	8	21APR08	03APR08		112		0.00	16,408.32	16,408.32
S4P2-110	Inspect Welds	22APR08	1	22APR08	04APR08		112		0.00	1,367.36	1,367.36
S4P2-111	Assemble external trim coils (in wbs75)	03APR08	0	02APR08	17MAR08		126		0.00	0.00	0.00
S4P2-112	Close up VV, leak check	23APR08	10	06MAY08	18APR08		112		0.00	54,694.40	54,694.40
S4P2-113	Adjust final support base interfaces	07MAY08	10	20MAY08	02MAY08		112		0.00	4,102.08	4,102.08
S4P2-113.5	Final metrology outside & inside	21MAY08	10	04JUN08	16MAY08		112		0.00	0.00	0.00
S3P2-112	Install on support platform	05JUN08	2	06JUN08	20MAY08		112		0.00	4,102.08	4,102.08
Station 5- Final FP Assy -FP#3 (in NCSX TC)											
S4P3-101	Mount MC/VV assembly to support frame a	17APR08	2	18APR08	04APR08	2	90		0.00	4,102.08	4,102.08
S4P3-102	Position and weld all ports to VV*2 shift*	21APR08	30	02JUN08	16MAY08	2	90		0.00	82,041.60	82,041.60
S4P3-103	Inspect Welds	03JUN08	3	05JUN08	21MAY08	2	90		0.00	6,836.80	6,836.80
S4P3-104	Assemble left TF Coil Assembly check position	06JUN08	1	06JUN08	22MAY08	2	90		0.00	8,204.16	8,204.16
S4P3-105	Change platforms	09JUN08	1	09JUN08	23MAY08	2	90		0.00	4,102.08	4,102.08
S4P3-106	Assemble right TF Coil Assembly chk position	10JUN08	2	11JUN08	28MAY08	2	90		0.00	8,204.16	8,204.16
S4P3-107	Attach TF coils to MC's	12JUN08	1	12JUN08	29MAY08	2	90		0.00	6,153.12	6,153.12
S4P3-108	Change platforms	13JUN08	1	13JUN08	30MAY08	2	90		0.00	5,469.44	5,469.44
S4P3-109	Position, weld two large horizontal diag ports	16JUN08	4	19JUN08	05JUN08	2	90		0.00	16,408.32	16,408.32
S4P3-110	Inspect Welds	20JUN08	1	20JUN08	06JUN08	2	90		0.00	1,367.36	1,367.36
S4P3-111	Assemble external trim coils (in wbs75)	12JUN08	0	11JUN08	28MAY08	2	97		0.00	0.00	0.00
S4P3-112	Close up VV, leak check	23JUN08	5	27JUN08	13JUN08	2	90		0.00	54,694.40	54,694.40
S4P3-113	Adjust final support base interfaces	30JUN08	5	07JUL08	20JUN08	2	90		0.00	4,102.08	4,102.08
S4P3-113.5	Final metrology outside & inside	08JUL08	5	14JUL08	27JUN08	2	90		0.00	0.00	0.00
S3P3-112	Install on support platform	15JUL08	2	16JUL08	01JUL08		90		0.00	4,102.08	4,102.08
S4P3-115X	Last field period assembled		0	14JUL08	27JUN08	2	90		0.00	0.00	0.00
19 - Stellarator Core Management and Integration											
Job: 1901 - Stellarator Core Mngtt&Integr-NELSON											
+ Prior Costs											
		01APR03A	757	30MAR06A	30MAR06A				1,490,162.42	1,490,162.42	1,490,162.42
191 - Stellarator Core Management & Oversight											
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A	28MAY04A			100	6,180.00	6,180.00	6,180.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06A	29SEP06A			LOE	197,774.00	197,774.00	197,774.00
0191-6X	LOE-FY07 WBS 191	01OCT06A	249*	28SEP07	27SEP07		761	LOE	8,488.19	50,226.00	50,226.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08	29SEP08		512	LOE	0.00	43,591.00	43,591.00
191-8	LOE-FY09 WBS 191	03OCT08*	130	15APR09	15APR09		379	LOE	0.00	0.00	0.00



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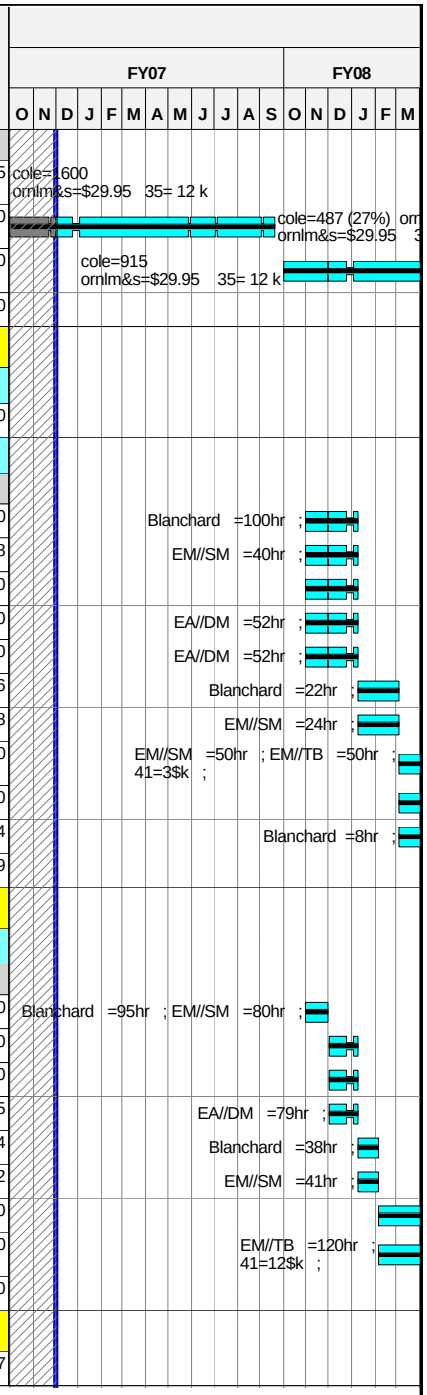
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
192 - Stellarator Core Integration & Analysis											
0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	312,481.45	312,481.45	312,481.45
0192-6X	LOE-FY07 WBS 192	01OCT06A	243*	20SEP07	**20SEP07**		**767**	**LOE**	27,339.82	158,033.60	158,033.60
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08	**22SEP08**		**517**	**LOE**	0.00	207,916.40	207,916.40
0192-99	LOE-FY09	01OCT08*	130	13APR09	**13APR09**		**381**	**LOE**	0.00	153,664.00	153,664.00
21 - Fueling Systems											
+ Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD											
		01APR03A	757	30MAR06A	**30MAR06A**				62,897.20	62,897.20	62,897.20
Job: 2101 - Fueling Systems											
ECP 16 October 2004											
21-10	Eng. Work Planning and Design	01NOV07*	40	08JAN08	**08JAN08**		**148**		0.00	18,208.00	18,208.00
21-15	Design Gas Handling Hardware	01NOV07	40	08JAN08	**08JAN08**		**148**		0.00	5,246.28	5,246.28
21-20	Design PLC Controls	01NOV07	40	08JAN08	**08JAN08**		**188**		0.00	0.00	0.00
21-25	Electrical Drafting for pumping system	01NOV07	40	08JAN08	**08JAN08**		**188**		0.00	6,320.60	6,320.60
21-30	Drafting	01NOV07	40	08JAN08	**08JAN08**		**188**		0.00	6,320.60	6,320.60
21-35	Eng. Work Planning and Design during fab	09JAN08	40	04MAR08	**04MAR08**		**188**		0.00	4,005.76	4,005.76
21-40	Fabrication/Install Hardware	09JAN08	40	04MAR08	**04MAR08**		**148**		0.00	3,228.48	3,228.48
21-45	Fabrication/installation	05MAR08	40	29APR08	**29APR08**		**148**		0.00	15,214.00	15,214.00
21-55	Install PLC Controls	05MAR08	40	29APR08	**29APR08**		**148**		0.00	0.00	0.00
21-60	Integrated Systems Testing/Eng	05MAR08	40	29APR08	**29APR08**		**148**		0.00	1,456.64	1,456.64
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08	**02JUL08**		**148**		0.00	1,196.19	1,196.19
22 - Torus Vacuum Pumping Systems											
Job: 2201 - Vacuum Pumping Systems											
22-25	Eng. Work Planning and Design	01NOV07*	20	28NOV07	**28NOV07**		**180**		0.00	28,059.20	28,059.20
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08	**08JAN08**		**698**		0.00	0.00	0.00
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08	**08JAN08**		**200**		0.00	0.00	0.00
22-40	Drafting	03DEC07	20	08JAN08	**08JAN08**		**180**		0.00	9,602.45	9,602.45
22-45	Eng. Work Planning and Design during fab	09JAN08	20	05FEB08	**05FEB08**		**180**		0.00	6,919.04	6,919.04
22-50	Perform maint. & repair of pmpg sys	09JAN08	20	05FEB08	**05FEB08**		**180**		0.00	5,515.32	5,515.32
22-55	Repair and Calibration vac instrumentation*N/R*	06FEB08	60	29APR08	**29APR08**		**180**		0.00	0.00	0.00
22-60	Fabrication/installation	06FEB08	40	01APR08	**01APR08**		**200**		0.00	27,115.20	27,115.20
22-70	Integrated Systems Testing/Eng *N/R*	30APR08	20	28MAY08	**28MAY08**		**180**		0.00	0.00	0.00
+ 25 - Neutral Beam Injection System											
		01APR03A	757	30MAR06A	**30MAR06A**				285,017.67	285,017.67	285,017.67



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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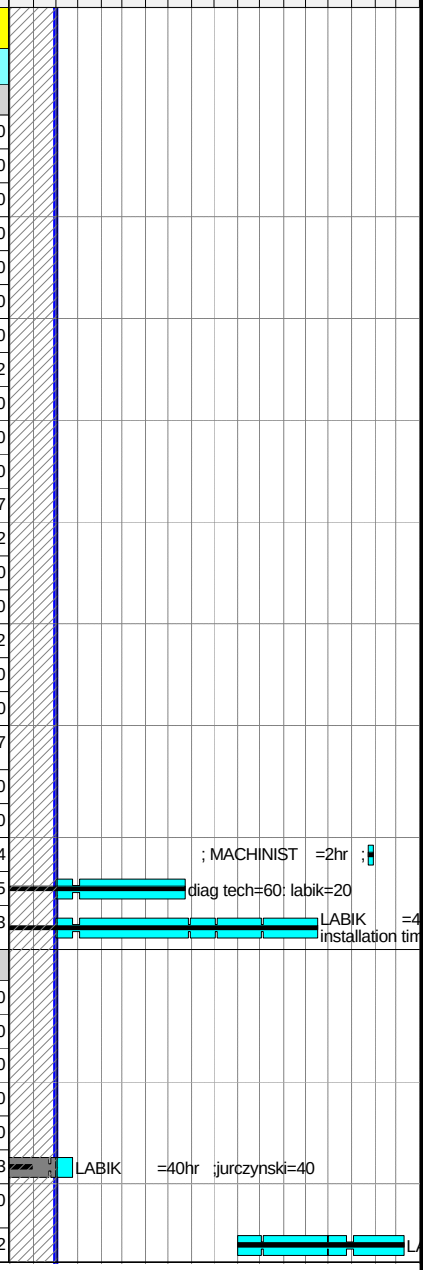
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
31 - Magnetic Diagnostics											
Job: 3101 Magnetic Diagnostics											
Vacuum Vessel Saddle Loops											
3101-105	DEVELOP LOCATING, MOUNTING STRATEGY	01JAN05A	20	31JAN05A	31JAN05A			100	1,000.00	1,000.00	1,000.00
3101-109	INTEGRATE LOOP AND LEAD DESIGN WITH H/C TUBES	01JAN05A	40	28FEB05A	28FEB05A			100	6,416.80	6,416.80	6,416.80
3101-113	INTEGRATE LAYOUT, MEAS NEEDS W/ VSL METRO PLANS	01JAN05A	40	28FEB05A	28FEB05A			100	3,208.40	3,208.40	3,208.40
3101-117	DEVELOP CONSTRAINTS FOR ARRAY LAYOUT	01JAN05A	20	31JAN05A	31JAN05A			100	0.00	0.00	0.00
3101-121	LAYOUT CANDIDATE SENSOR ARRAY ON PRO-E VV MODEL	01FEB05A	20	28FEB05A	28FEB05A			100	0.00	0.00	0.00
3101-125	PDR PREP -VESSEL SADDLE LOOP MOUNTING	02MAY05A	5	31MAY05A	31MAY05A			100	9,483.60	9,483.60	9,483.60
3101-126	PEER REVIEW -VESSEL SADDLE LOOP MOUNTING		0	31MAY05A	31MAY05A			100	0.00	0.00	0.00
3101-129	DESIGN AND PROTOTYPE SADDLE LOOP TERMINATIONS	01MAR05A	107*	29JUL05A	29JUL05A			100	7,643.52	7,643.52	7,643.52
3101-133	Prototype loops on vsl proto segment using ARI	01MAR05A	107*	29JUL05A	29JUL05A			100	6,189.20	6,189.20	6,189.20
3101-137	FINAL OPTIMIZATION OF LOOP LOCATION, AREA	01JAN05A	193*	30SEP05A	30SEP05A			100	0.00	0.00	0.00
3101-149	PREPARE METROLOGY	01JUN05A	87*	31AUG05A	31AUG05A			100	6,416.80	6,416.80	6,416.80
3101-145	Procure MI Cable	26SEP05A	68*	23DEC05A	23DEC05A			100	22,182.57	22,182.57	22,182.57
3101-139	Develop ProE model of loops, flat dev, fiducials	26SEP05A	254*	30JUN06A	30JUN06A			100	20,859.52	20,859.52	20,859.52
3101-141	FDR PREP-	01DEC05A	123*	31MAY06A	31MAY06A			100	10,410.60	10,410.60	10,410.60
3101-142	FDR - VESSEL SADDLE LOOP TEMPLATES		0	16DEC05A	16DEC05A			100	0.00	0.00	0.00
3101-153	Fab Installation Templates (for FP assy)	01JAN06A	41*	28FEB06A	28FEB06A			100	2,619.92	2,619.92	2,619.92
3101-143	FDR - VESSEL SADDLE LOOP INSTALLATION		0	31MAY06A	31MAY06A			100	0.00	0.00	0.00
3101-146	Procure remaining materials	01OCT05A	99*	28FEB06A	28FEB06A			100	12,424.40	12,424.40	12,424.40
3101-157	Design & fab tooling and clamps	01JUN05A	209*	31MAR06A	31MAR06A			100	13,035.67	13,035.67	13,035.67
3101-167	Design voltage loops	01DEC05A	123*	31MAY06A	31MAY06A			100	3,470.20	3,470.20	3,470.20
3101-169	Voltage loop connection peer review	30JUN06A	1	30JUN06A	30JUN06A			100	1,735.10	1,735.10	1,735.10
3101-154	Fab Installation Templates (for spacers)	24JAN08	5	30JAN08	30JAN08		202		0.00	269.04	269.04
3101-165	Identify lead wires at multiple locations	01DEC06*	116*	21MAY07	21MAY07		852	LOE	0.00	8,539.20	8,538.05
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01DEC06	242*	16NOV07	16NOV07		726	LOE	0.00	7,119.65	7,092.53
Modular Coil C-wound Loops											
3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND LOOPS	01JAN05A	20	31JAN05A	31JAN05A			100	3,208.40	3,208.40	3,208.40
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A	31MAR05A			100	4,741.80	4,741.80	4,741.80
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A	31AUG05A			100	7,302.40	7,302.40	7,302.40
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A	29JUL05A			100	6,410.90	6,410.90	6,410.90
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A	31JAN06A			100	6,940.40	6,940.40	6,940.40
3101-230	Install tubing on MI cable	31JAN06A	229*	22DEC06	30OCT06		222	40	4,854.07	12,135.17	12,097.23
3101-229	SUPPORT NSTALLATION	01MAR06A	318*	30JUN06A	30JUN06A			100	3,470.20	3,470.20	3,470.20
3101-231	Terminate MC co-wound loops(part of winding job	01AUG07*	149*	10MAR08	10MAR08		654		0.00	11,626.32	11,626.32



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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ECP-52 Status/ETC updates

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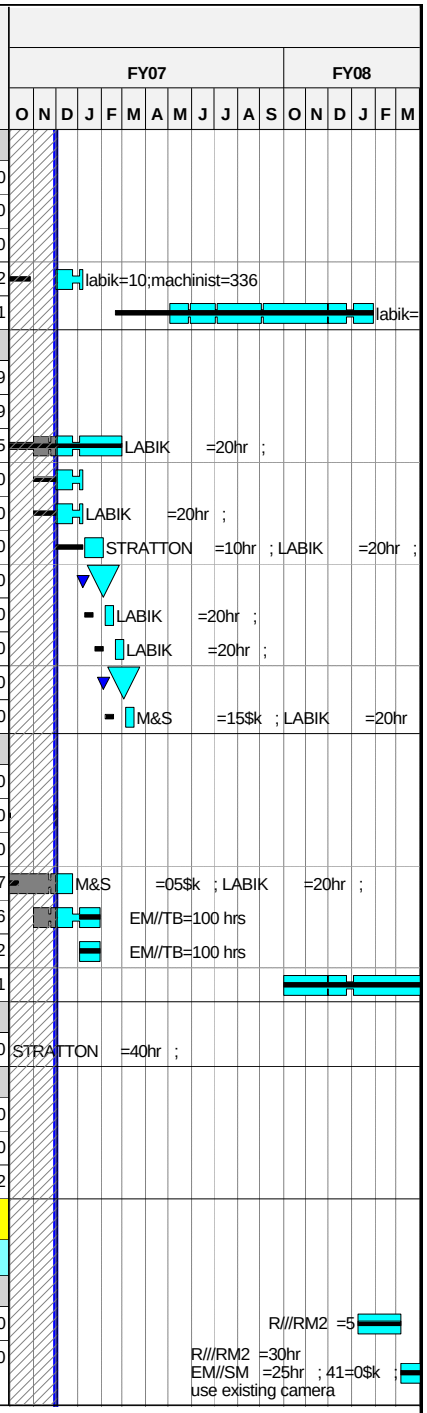
Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Saddle Loop Termination Boxes											
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A	**31OCT05A**			**100**	10,833.80	10,833.80	10,833.80
3101-421	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A	**31MAY06A**			**100**	0.00	0.00	0.00
3101-422	Fab Prototype term. Box	01MAY06A	20	31MAY06A	**31MAY06A**			**100**	3,257.60	3,257.60	3,257.60
3101-517	Fab termination boxes (24)	01DEC06*	20	05JAN07	**27OCT06**		**948**		0.00	29,734.92	29,734.92
3101-517A	Install termination boxes	03MAY07	183*	30JAN08	**30JAN08**		**100**		0.00	10,717.45	10,690.21
Rogowski Coils											
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL DIMEN	01JUN05A	166*	31JAN06A	**31JAN06A**			**100**	4,924.69	4,924.69	4,924.69
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127*	31MAR06A	**31MAR06A**			**100**	3,459.89	3,459.89	3,459.89
3101-305	work on coil design with vendor	03OCT05A	221*	28FEB07	**28FEB07**		**910**	**75**	2,622.71	3,496.95	3,496.95
3101-312	Mandrel prototype	01DEC06*	20	05JAN07	**30NOV06**		**948**		0.00	0.00	0.00
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01DEC06*	20	05JAN07	**30NOV06**		**159**		0.00	3,546.00	3,546.00
3101-317	PDR PREP- ROWGOWSKI COIL	08JAN07*	20	02FEB07	**05JAN07**		**159**		0.00	5,238.10	5,238.10
3101-318	PDR - ROWGOWSKI COIL		0	02FEB07*	**05JAN07***		**159**		0.00	0.00	0.00
3101-321	Specify Rogowski Coils	05FEB07*	10	16FEB07	**19JAN07**		**159**		0.00	3,546.00	3,546.00
3101-325	FDR PREP ROWGOSKI COIL	19FEB07*	10	02MAR07	**02FEB07**		**159**		0.00	3,546.00	3,546.00
3101-326	FDR - ROWGOSKI COIL		0	02MAR07	**02FEB07**		**159**		0.00	0.00	0.00
3101-329	FAB ROWGOWSKI COILS (2)	05MAR07	10	16MAR07	**16FEB07**		**159**		0.00	24,111.00	24,111.00
TF and PF Co-wound Loops											
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND LOOPS	25JUL05A	28*	31AUG05A	**31AUG05A**			**100**	6,275.20	6,275.20	6,275.20
3101-405	DESIGN TERMINATION N/R	01DEC06	1	01DEC06	**29SEP06**		**967**		0.00	0.00	0.00
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A	**31AUG05A**			**100**	6,416.80	6,416.80	6,416.80
3101-417	PROCURE MATERIALS	01MAY06A	165*	22DEC06	**11OCT06**		**299**	**90**	9,316.66	10,351.84	10,330.47
3101-425	INSTALL HEAT SHRINK CABLE(for 18 TF coils)	01NOV06A	56*	29JAN07	**29JAN07**		**279**	**11**	302.09	2,746.26	2,746.26
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	02JAN07*	20	29JAN07	**29JAN07**		**441**		0.00	5,492.52	5,492.52
3101-429	INSTALL TERMINATIONS	03OCT07*	251	03OCT08	**03OCT08**		**508**		0.00	8,776.31	8,776.31
Modular Coil Shell Saddle LoopsCANCELLED SCOPE**											
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06A	106*	29SEP06A	**29SEP06A**			**100**	3,311.80	3,311.80	3,311.80
ECP50-100	ECP50 Mod coil shell saddle loop deletion	01OCT05A	251	31JUL06A	**31JUL06A**				59,420.00	59,420.00	59,420.00
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				30,000.00	30,000.00	30,000.00
FY06CV-01	FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A	**28FEB06A**				83,621.42	83,621.42	83,621.42
36 - Edge and Divertor Diagnostics											
Job: 3601 - Edge and Divertor Diagnostics											
361-001	Design Visible Camera sys	11JAN08*	40	06MAR08	**06MAR08**		**101**		0.00	868.80	868.80
361-015	Fab/Assy/Installation Visible Camera	07MAR08*	130	09SEP08	**09SEP08**		**101**		0.00	8,575.80	8,575.80



Run Date 13DEC06 10:34

Forecast
zECP-52 baseline
Progress Bar
Critical Activity

0611

NCSX

ECP-52 Status/ETC updates

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Progress Through November 30, 2006

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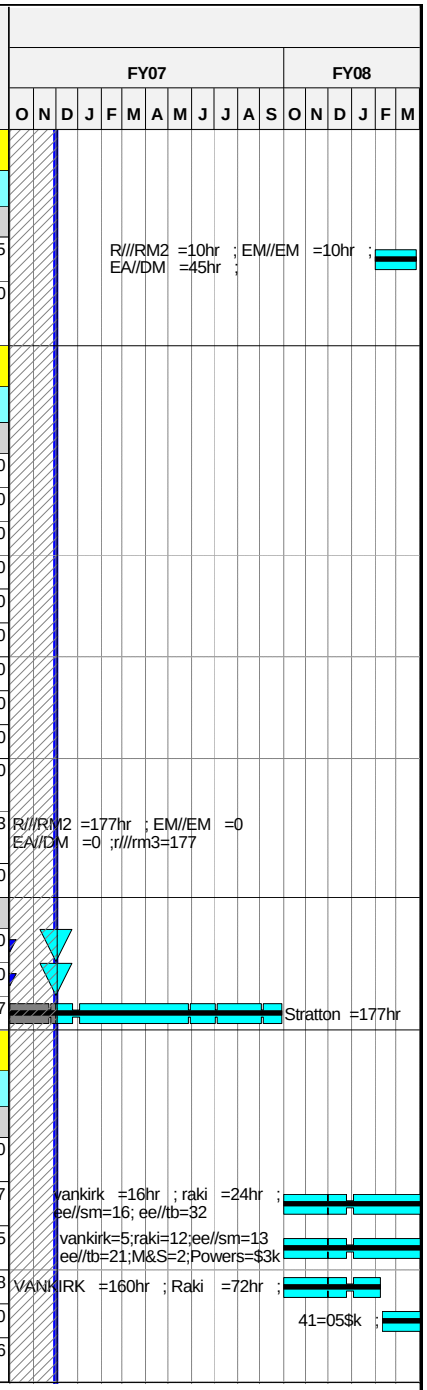
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
38 - Electron Beam (EB) Mapping											
Job: 3801 - Electron Beam Mapping											
380-010	Design-Beam Probe,Fluor. Screen	01FEB08*	40	27MAR08	**27MAR08**		**114**		0.00	9,028.15	9,028.15
380-015	Fab & Install Beam probe	16APR08	102	09SEP08	**09SEP08**		**101**		0.00	20,610.70	20,610.70
39 - Diagnostics Integration											
Job: 3901 - Diagnostics sys Integration-JOHNSON											
Prior Costs											
390-100	Finalize VV ports (number,size,locations)		0	30JUN04A	**30JUN04A**			**100**	0.00	0.00	0.00
390-110	Resolve port interferences.Final port config		0	30JUN04A	**30JUN04A**			**100**	0.00	0.00	0.00
390-120	Update port map&revise diag port assignments		0	31OCT05A	**31OCT05A**			**100**	0.00	0.00	0.00
390-130	Rvw status of existing ICD's w/VV & Mod Coils		0	31JAN06A	**31JAN06A**			**100**	0.00	0.00	0.00
390-160	Start recruiting diag team at HTPD conference		0	30JUN04A	**30JUN04A**			**100**	0.00	0.00	0.00
390-170	Develop space envelopes for SXR		0	31JAN06A	**31JAN06A**			**100**	0.00	0.00	0.00
390-180	Hold CDR's co-wound mag sensors&ext saddle loops		0	31OCT05A	**31OCT05A**			**100**	0.00	0.00	0.00
390-001	LOE Support FY03	01APR03A	151*	30SEP03A	**30SEP03A**			**100**	155,450.00	155,450.00	155,450.00
390-010	LOE Support FY04	01OCT03A	250*	30SEP04A	**30SEP04A**			**LOE**	65,000.00	65,000.00	65,000.00
390-015	LOE Support FY05 **reduced scope	01OCT04A	249*	30SEP05A	**30SEP05A**			**LOE**	66,357.30	66,357.30	66,357.30
390-020	LOE Support FY06	03OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	70,515.03	70,515.03	70,515.03
FY05CV-33	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				-12,000.00	-12,000.00	-12,000.00
390-140	Write ICD's-Define external space for diagnostic		0	30NOV06*	**28SEP06***		**968**	**50**	0.00	0.00	0.00
390-150	Write ICD's-Define space f/racks in cntrl rm		0	30NOV06*	**28SEP06***		**968**	**50**	0.00	0.00	0.00
390-03	LOE Support FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**	**LOE**	5,061.58	29,950.17	29,950.17
41 - AC Power											
Job: 4101 - AC Power-RAMAKRISHNAN											
411 - Auxiliary AC Power Systems											
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	**30SEP04A**			**100**	8,442.00	8,442.00	8,442.00
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08	**11JUN08**		**588**		0.00	1,105.97	1,105.97
411-1-100	Ex-Test cell AC pwr-Reactivate& new instl	01OCT07*	241	17SEP08	**17SEP08**		**520**		0.00	13,285.15	13,285.15
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08	**08FEB08**		**114**		0.00	32,148.08	32,148.08
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08	**10JUL08**		**114**		0.00	7,025.00	7,025.00
411-2-6	Grounding-Install	09MAY08*	43	10JUL08	**10JUL08**		**114**		0.00	46,611.46	46,611.46



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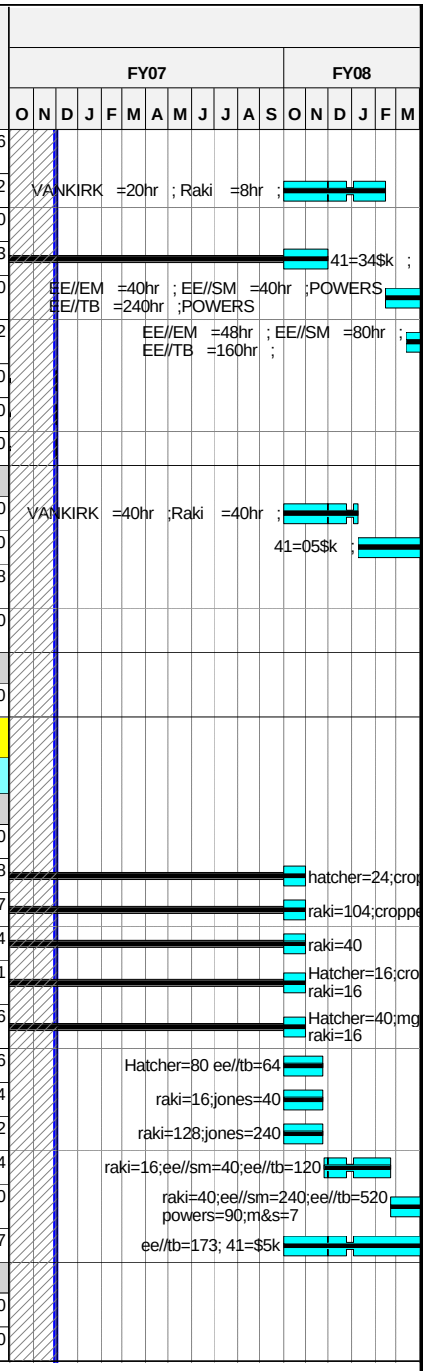
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08	**20AUG08**		**114**		0.00	16,436.96	16,436.96
411-3-2	Test Cell AC Power Distr-Dsn	01OCT07*	90	14FEB08	**14FEB08**		**181**		0.00	3,842.12	3,842.12
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	**30SEP04A**			**100**	73,000.00	73,000.00	73,000.00
411-3-4	Test Cell AC Power Distr-Procure(pnls & xfrmrs)	01JUL05A	108*	28NOV07	**28NOV07**		**718**	**20**	9,052.19	45,260.93	45,260.93
411-3-6	Test Cell AC Power Distr-Install	15FEB08	65	15MAY08	**15MAY08**		**181**	**50**	16,239.32	32,478.62	32,256.60
411-3-8	Test Cell AC Power Distr-Commission	14MAR08*	45	15MAY08	**15MAY08**		**181**		0.00	32,873.92	32,873.92
411-4-2	Standby Power for Cryo Sys -Dsn	01DEC06	0	30NOV06	**28SEP06**		**968**		0.00	0.00	0.00
411-4-4	Standby Power for Cryo Sys -Procure	01DEC06	0	30NOV06	**28SEP06**		**968**		0.00	0.00	0.00
411-4-6	Standby Power for Cryo Sys -Install	01DEC06	0	30NOV06	**28SEP06**		**968**		0.00	0.00	0.00
412 - Experimental AC Power Systems											
412-1-2	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08	**10JAN08**		**103**		0.00	11,917.60	11,917.60
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08	**10APR08**		**103**		0.00	7,025.00	7,025.00
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08	**06JUN08**		**103**		0.00	18,215.68	18,215.68
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08	**04AUG08**		**103**		0.00	10,866.80	10,866.80
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				2,000.00	2,000.00	2,000.00
43 - DC Systems											
Job: 4301 - DC Systems-RAMAKRISHNAN											
431 - C-Site DC Systems											
431-260	Power loop design	01NOV04A	350*	23DEC05A	**23DEC05A**			**100**	111,112.40	111,112.40	111,112.40
431-200	Condition/spare parts inventory	01OCT04A	394*	31OCT07	**31OCT07**		**738**	**95**	16,987.59	17,881.68	17,881.68
431-210	Organize & verify documentation	01OCT04A	394*	31OCT07	**31OCT07**		**738**	**95**	43,443.28	45,729.77	45,729.77
431-215	Document status	01OCT04A	394*	31OCT07	**31OCT07**		**738**	**90**	5,788.39	6,431.54	6,431.54
431-225	Reactivate DF & PEI units	01JUL05A	209*	31OCT07	**31OCT07**		**738**	**90**	13,174.14	14,667.31	14,667.31
431-230	Load test	01JUL05A	209*	31OCT07	**31OCT07**		**738**	**90**	16,997.66	18,915.66	18,915.66
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07	**23NOV07**		**721**		0.00	19,620.96	19,620.96
431-250	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07	**23NOV07**		**721**		0.00	7,684.24	7,684.24
431-261	Redo power loop design	01OCT07*	40	23NOV07	**23NOV07**		**179**		0.00	51,749.92	51,749.92
431-265	Fabricate bus components	26NOV07*	55	21FEB08	**21FEB08**		**179**		0.00	18,469.44	18,469.44
431-275	Power cabling & Installation	22FEB08*	88	25JUN08	**25JUN08**		**179**		0.00	220,005.80	220,005.80
431-276	Maint of C-site rectifiers	01OCT07*	249	29SEP08	**29SEP08**		**512**		0.00	21,918.57	21,918.57
ECP494301	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	**31JUL06A**				106,000.00	106,000.00	106,000.00
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				69,000.00	69,000.00	69,000.00



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ECP-52 Status/ETC updates

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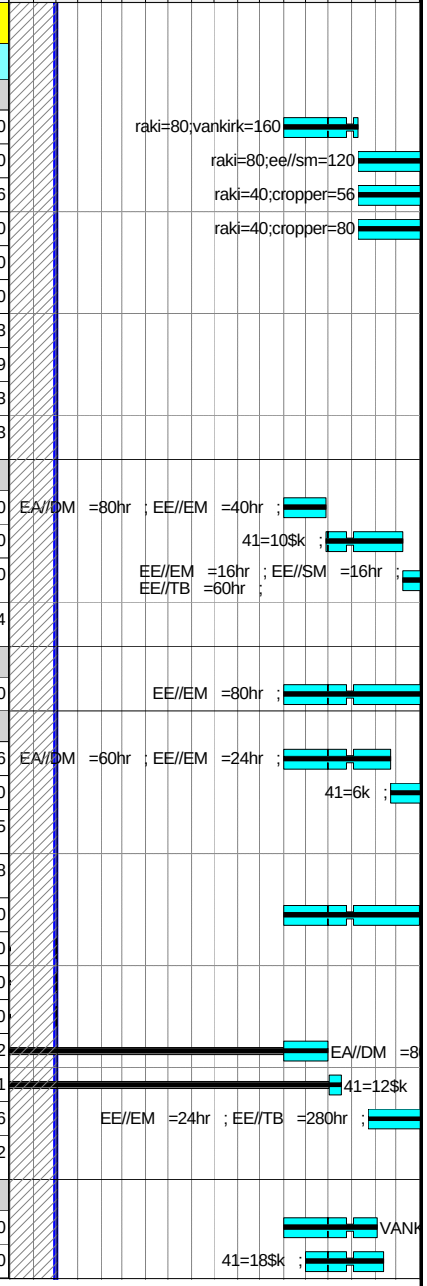
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
44 - Control and protection Systems											
Job: 4401 - Control & Protection-RAMAKRISHNAN											
441 - Electrical Interlocks											
441-095	Design Interlock sys	01OCT07*	65	10JAN08	10JAN08		232		0.00	33,559.20	33,559.20
441-097	Install Interlock sys	11JAN08	65	10APR08	10APR08		232		0.00	30,060.40	30,060.40
441-100	PLC Specification	11JAN08	85	08MAY08	08MAY08		396		0.00	14,498.56	14,498.56
441-105	Prep Block diagrams	11JAN08	85	08MAY08	08MAY08		396		0.00	17,688.40	17,688.40
441-110	PLC CWD's & Cabling	09MAY08*	85	09SEP08	09SEP08		396		0.00	23,004.80	23,004.80
441-115	deliver PLC	09MAY08*	85	09SEP08	09SEP08		526		0.00	70,250.00	70,250.00
441-120	Program PLC Logic	10SEP08	45	11NOV08	11NOV08		481		0.00	24,044.53	24,044.53
441-125	Program Control pages	10SEP08	97	04FEB09	04FEB09		429		0.00	25,478.89	25,478.89
441-130	Pre-commissioning tests	11APR08	214	20FEB09	20FEB09		417		0.00	25,110.23	25,110.23
441-135	Install I/O Cabling	10SEP08	130	23MAR09	23MAR09		396		0.00	123,488.63	123,488.63
442 - Kirk Key Interlocks											
442-1-2	Kirk Keys-Dsn	01OCT07*	41	26NOV07	26NOV07		127		0.00	16,779.60	16,779.60
442-1-4	Kirk Keys-Procure	27NOV07	65	07MAR08	07MAR08		127		0.00	14,050.00	14,050.00
442-1-6	Kirk Keys-Install	10MAR08	40	02MAY08	02MAY08		127		0.00	45,239.20	45,239.20
442-1-8	Kirk Keys-Commission	19MAY08	30	30JUN08	30JUN08		127		0.00	7,202.24	7,202.24
443 - Real Time Control Systems											
443-1-2	Develop Control Algorithms-Dsn	01OCT07*	142	28APR08	28APR08		150		0.00	14,111.20	14,111.20
444 - Instrument Systems											
444-2-2	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08	21FEB08		466		0.00	11,526.36	11,526.36
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08	25JUL08		466		0.00	8,430.00	8,430.00
444-2-6	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08	07OCT08		466		0.00	19,918.05	19,918.05
444-2-8	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08	04DEC08		466		0.00	13,442.28	13,442.28
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08	31MAR08		639		0.00	16,779.60	16,779.60
444-3-4	DC Shunts-Procure**N/R**	01DEC06	0	30NOV06	28SEP06		968		0.00	0.00	0.00
444-3-6	DC Shunts-Install**N/R**	01DEC06	0	30NOV06	28SEP06		968		0.00	0.00	0.00
444-3-8	DC Shunts-Commission**N/R**	01DEC06	0	30NOV06	28SEP06		968		0.00	0.00	0.00
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07	28NOV07		628	15	6,244.25	41,628.32	41,628.32
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07	18DEC07		597	15	2,427.83	16,185.51	16,185.51
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08	28APR08		597		0.00	28,338.56	28,338.56
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08	29MAY08		597		0.00	17,226.72	17,226.72
445 - Coil Protection Systems											
445-1-2	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08	04FEB08		151		0.00	35,752.80	35,752.80
445-1-4	Ground Fault Protection-Procure	01NOV07*	65	12FEB08	12FEB08		145		0.00	25,290.00	25,290.00



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ECP-52 Status/ETC updates

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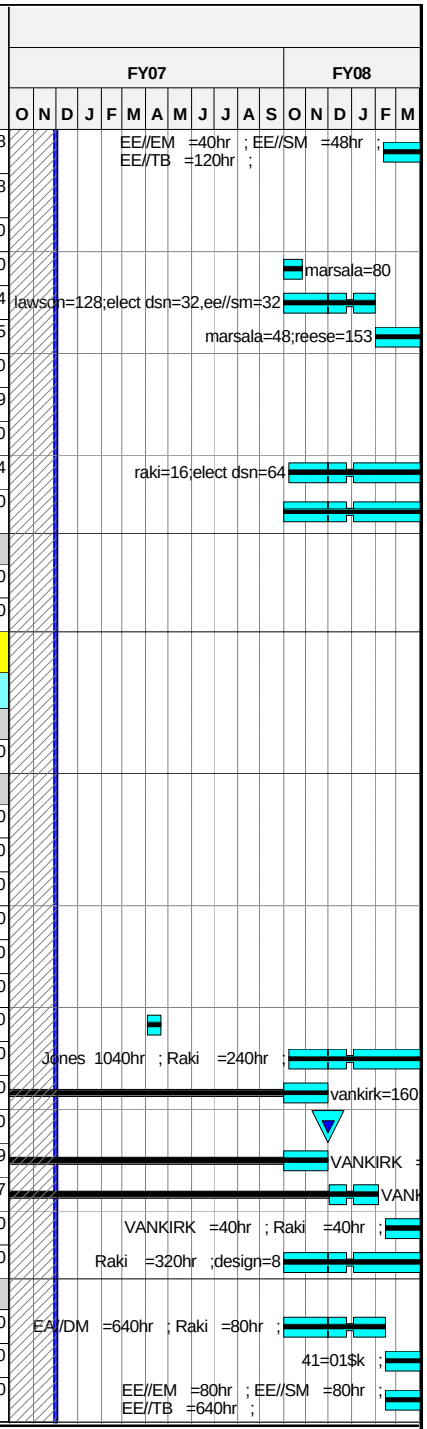
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
445-1-6	Ground Fault Protection-Install	13FEB08*	40	08APR08	**08APR08**		**145**		0.00	23,766.08	23,766.08
445-1-8	Ground Fault Protection-Commission	07MAY08	20	04JUN08	**04JUN08**		**145**		0.00	10,178.08	10,178.08
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A	**30SEP04A**				1,054.90	1,054.90	1,054.90
445-2-105	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07	**26OCT07**		**741**		0.00	14,111.20	14,111.20
445-2-110	Overload Protect-Design	01OCT07*	80	31JAN08	**31JAN08**		**542**		0.00	30,720.64	30,720.64
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08	**21MAY08**		**542**		0.00	28,801.95	28,801.95
445-2-120	Overload Protect-Test 4 units	22MAY08	20	19JUN08	**19JUN08**		**542**		0.00	9,897.60	9,897.60
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08	**18JUL08**		**542**		0.00	18,700.79	18,700.79
445-2-130	Overload Protect-Write & perform ISTP	21JUL08	20	15AUG08	**15AUG08**		**542**		0.00	9,897.60	9,897.60
445-2-135	Overload Protect-Documentation	08OCT07*	180	27JUN08	**27JUN08**		**576**		0.00	10,601.44	10,601.44
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08	**29SEP08**		**512**		0.00	59,697.20	59,697.20
ECP494401	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	**31JUL06A**				24,000.00	24,000.00	24,000.00
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				49,000.00	49,000.00	49,000.00
45 - Power System Design and Integration											
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN											
Prior Costs											
4501-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	**30SEP03A**			**100**	112,340.00	112,340.00	112,340.00
451 - System Design & Interfaces											
4501-100	Design Drawings	02FEB04A	193*	30SEP04A	**30SEP04A**			**100**	19,807.80	19,807.80	19,807.80
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A	**30SEP04A**			**100**	0.00	0.00	0.00
451-0-1	C-Site Decision	30APR04A	0	30APR04A	**30APR04A**			**100**	0.00	0.00	0.00
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A	**28MAY04A**			**100**	10,084.00	10,084.00	10,084.00
451-7-20	FDR DC transmission		0	28MAY04A	**28MAY04A**			**100**	0.00	0.00	0.00
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A	**31AUG05A**			**100**	41,299.20	41,299.20	41,299.20
451-0-2	Develop SRD	02APR07*	15	20APR07	**20APR07**		**873**		0.00	0.00	0.00
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08	**30SEP08**		**511**		0.00	168,745.60	168,745.60
451-2-2	PDR Prep Power system -Dsn	03APR06A	86*	28NOV07	**28NOV07**		**678**	**20**	9,309.76	46,548.80	46,548.80
451-2-3	PDR Power system -Dsn		0	28NOV07	**28NOV07**		**718**		0.00	0.00	0.00
451-6-2	FDR C-Site -Cabling	01SEP05A	186*	28NOV07	**28NOV07**		**718**	**5**	1,705.49	34,109.79	34,109.79
451-2-2.1	FDR C-Site	01NOV05A	101	05FEB08	**05FEB08**		**678**	**2**	690.96	34,547.67	34,547.67
451-4-2	FDR AC auxiliaries & grounding-Dsn	15FEB08*	45	17APR08	**17APR08**		**626**		0.00	11,917.60	11,917.60
451-1-2	Calculations-Dsn	01OCT07*	249	29SEP08	**29SEP08**		**512**		0.00	57,417.20	57,417.20
452 - Electrical Systems Support											
452-1-2	Diagnostics AC Power Distr-Dsn	01OCT07*	90	14FEB08	**14FEB08**		**101**		0.00	91,903.20	91,903.20
452-1-4	Diagnostics AC Power Distr-Procure	15FEB08	65	15MAY08	**15MAY08**		**141**		0.00	1,405.00	1,405.00
452-1-6	Diagnostics AC Power Distr-Install	15FEB08	105	14JUL08	**14JUL08**		**101**		0.00	79,841.60	79,841.60



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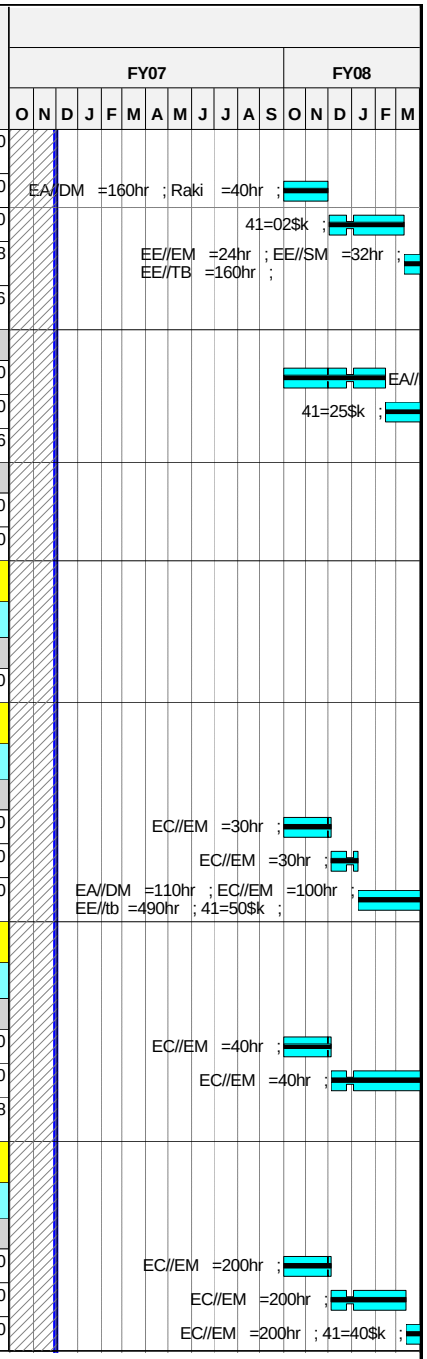
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
452-1-8	Diagnostics AC Power Distr-Commission	18JUL08	37	09SEP08	09SEP08		101		0.00	31,462.80	31,462.80
452-2-2	Diagnostics sensor cabling-Dsn	01OCT07*	43	28NOV07	28NOV07		145		0.00	26,503.60	26,503.60
452-2-4	Diagnostics sensor cabling-Procure	03DEC07	65	11MAR08	11MAR08		145		0.00	2,810.00	2,810.00
452-2-6	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08	09MAY08		145		0.00	22,260.88	22,260.88
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08	08JUL08		145		0.00	6,292.56	6,292.56
453 - System Testing (PTP's)											
453-1-2	New Procedures	01OCT07*	90	14FEB08	14FEB08		153		0.00	71,505.60	71,505.60
453-1-4	Preop Testing-Procure test equipt	15FEB08*	65	15MAY08	15MAY08		188		0.00	35,125.00	35,125.00
453-1-8	Testing PTPs, ISTPs	25APR08*	100	16SEP08	16SEP08		103		0.00	213,785.76	213,785.76
ECP494501	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A	31JUL06A				5,000.00	5,000.00	5,000.00
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				-52,000.00	-52,000.00	-52,000.00
46 - FCPC Building Modifications											
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN											
Prior Costs											
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A	30SEP03A			100	1,300.00	1,300.00	1,300.00
51 - TCP/IP Infrastructure Systems											
Job: 5101 - TCP/IP Infrastructure Systems											
51-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		227		0.00	4,695.30	4,695.30
51-20	Final Network Design (Title II)	05DEC07	20	10JAN08	10JAN08		227		0.00	4,695.30	4,695.30
51-30	Installation, Testing, Documentation (Title III)	11JAN08	120	27JUN08	27JUN08		227		0.00	141,455.60	141,455.60
52 - Central Instrumentation & Control											
5201 - I&C Systems											
52-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		145		0.00	6,260.40	6,260.40
52-20	Final Design (Title II)	05DEC07	87	14APR08	14APR08		145		0.00	6,260.40	6,260.40
52-30	Installation, Testing, Documentation (Title III)	15APR08	135	23OCT08	23OCT08		145		0.00	126,284.98	126,284.98
53 - Data Acquisition & Facility Computing											
5301 - Data Acquisition											
53-10	Preliminary Design (Title I)	01OCT07*	45	04DEC07	04DEC07		167		0.00	31,302.00	31,302.00
53-20	Final Design (Title II)	05DEC07	65	13MAR08	13MAR08		167		0.00	31,302.00	31,302.00
53-30	Coding, Configuration, Testing (Title III)	14MAR08	135	23SEP08	23SEP08		167		0.00	87,502.00	87,502.00



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Forecast
zECP-52 baseline
Progress Bar
Critical Activity

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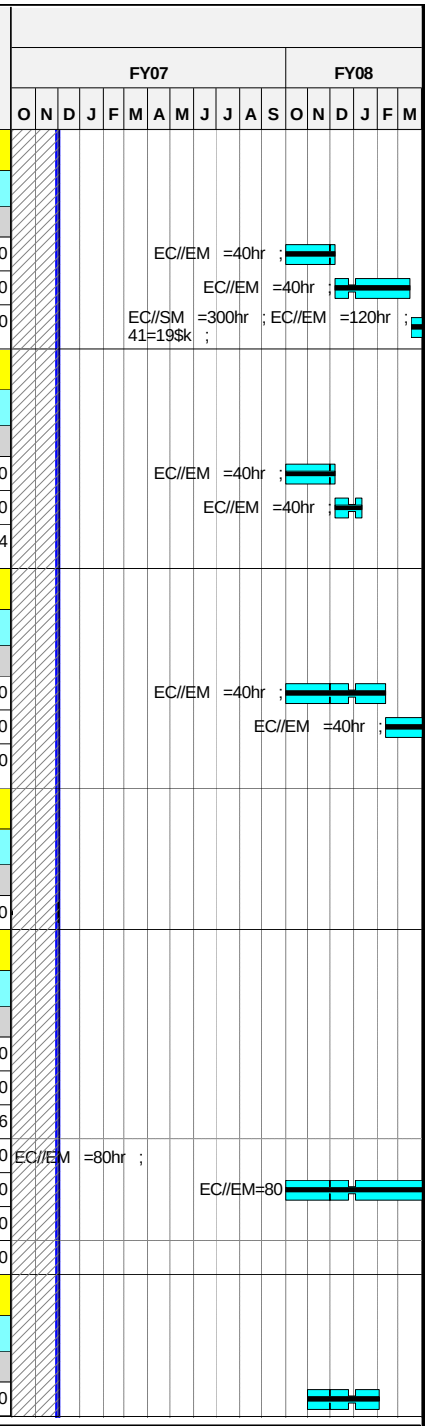
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
54 - Facility Timing & Synchronization											
Job: 5401 - Facility Timing & Synchronization											
54-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	**05DEC07**		**166**		0.00	6,260.40	6,260.40
54-20	Final Design (Title II)	06DEC07	65	14MAR08	**14MAR08**		**166**		0.00	6,260.40	6,260.40
54-30	Installation, Testing, Documentation (Title III)	17MAR08	135	24SEP08	**24SEP08**		**166**		0.00	69,632.20	69,632.20
55 - Real Time Plasma & Power Supply Control Sys											
5501 - Real Time Control System											
55-10	Preliminary Design (Title I)	02OCT07*	45	05DEC07	**05DEC07**		**226**		0.00	6,260.40	6,260.40
55-20	Final Design (Title II)	06DEC07	20	11JAN08	**11JAN08**		**226**		0.00	6,260.40	6,260.40
55-30	Installation, Testing, Documentation (Title III)	29APR08	120	16OCT08	**16OCT08**		**150**		0.00	81,478.84	81,478.84
56 - Central Safety Interlock Systems											
Job: 5601 - Central Safety Interlock Systems											
56-10	Preliminary Design (Title I)	02OCT07*	87	12FEB08	**12FEB08**		**171**		0.00	6,260.40	6,260.40
56-20	Final Design (Title II)	13FEB08	45	15APR08	**15APR08**		**171**		0.00	6,260.40	6,260.40
56-30	Installation, Testing, Documentation (Title III)	16APR08	108	17SEP08	**17SEP08**		**171**		0.00	116,850.20	116,850.20
57 - Control Room Facility											
Job: 5701 - Control Room Facility											
57-10		01DEC06	0	30NOV06	**28SEP06**		**968**		0.00	0.00	0.00
58 - Central I&C management and Integration											
Job: 5801 -Central I&C Integr & Oversight-SICHTA											
51-00	FY03	01APR03A	250*	30SEP03A	**30SEP03A**			**LOE**	11,900.00	11,900.00	11,900.00
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A	**30SEP04A**			**LOE**	16,000.00	16,000.00	16,000.00
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A	**30SEP05A**			**LOE**	12,462.26	12,462.26	12,462.26
58-FY06	FY07 LOE support	01MAY06A	107*	29SEP06A	**29SEP06A**			**LOE**	11,932.00	11,932.00	11,932.00
58-FY07	FY07 LOE support	02OCT07*	249*	30SEP08	**30SEP08**		**511**	**LOE**	0.00	12,520.80	12,520.80
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	**30SEP05A**				-7,000.00	-7,000.00	-7,000.00
FY06CV-180	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	**30MAR06A**			**100**	340.00	340.00	340.00
61 - Water Systems											
Job:6101 - Water Systems											
613 - Vacuum Pumping System											
623.011	Design WBS 612 **N/R**	01NOV07*	59	04FEB08	**04FEB08**		**209**		0.00	0.00	0.00



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ECP-52 Status/ETC updates

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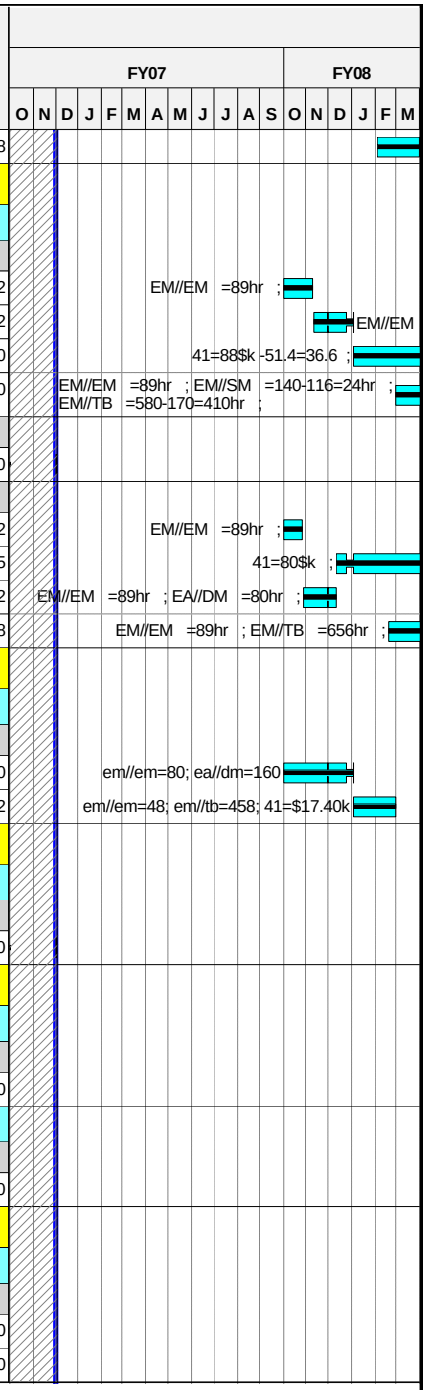
Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08	**31MAR08**		**209**		0.00	13,802.48	13,802.48
62 - Cryogenic Systems											
Job: 6201 - Cryogenic Systems											
621 - LN2-LHe Supply System											
631-001	Preliminary Design	01OCT07*	30	09NOV07	**09NOV07**		**247**		0.00	16,205.12	16,205.12
631-010	Final Design**reduced scope	12NOV07	30	03JAN08	**03JAN08**		**247**		0.00	18,149.92	18,149.92
631-020	Procurement **reduced scope	04JAN08	88	06MAY08	**06MAY08**		**247**		0.00	123,078.00	123,078.00
631-015	Fab/Assy/Installation**reduced scope	29FEB08	65	30MAY08	**30MAY08**		**247**		0.00	71,991.50	71,991.50
622 - LN2 Coil Cooling Supply											
632-001	**deleted scope	01DEC06	0	30NOV06	**28SEP06**		**968**		0.00	0.00	0.00
623 - GN2 Cryostat Cooling System											
633-001	Preliminary Design	01OCT07*	20	26OCT07	**26OCT07**		**232**		0.00	16,205.12	16,205.12
633-020	Procurement	12DEC07	130	20JUN08	**20JUN08**		**232**		0.00	112,329.75	112,329.75
633-010	Final Design	29OCT07	30	11DEC07	**11DEC07**		**232**		0.00	25,929.12	25,929.12
633-015	Fab/Assy/Installation	19FEB08	88	20JUN08	**20JUN08**		**232**		0.00	72,266.88	72,266.88
63 - Utility Systems											
Job: 6301 - Utility Systems											
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08	**02JAN08**		**244**		0.00	34,014.40	34,014.40
640.021	Assembly/Fabrication	03JAN08	40	27FEB08	**27FEB08**		**244**		0.00	72,889.52	72,889.52
64 - PFC/VV Heating & Cooling*ELIMINATED*											
Job: 6401 - PFC/VV Heating & Cooling											
650.001	Eliminated scope	01DEC06	0	30NOV06	**28SEP06**		**968**		0.00	0.00	0.00
65 - Facility Systems Integration											
Job: 6163 - Facility Systems Support FY04											
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A	**30SEP04A**			**LOE**	15,000.00	15,000.00	15,000.00
Job: 6501 - Facility Systems Integration-DUDEK											
Prior Costs											
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A	**30SEP03A**			**100**	9,380.00	9,380.00	9,380.00
71 - Shield Wall Seismic Modifications											
Job: 7101 - Shield Wall Modif Design-PERRY											
Prior Costs											
7101-000	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	**30SEP03A**			**100**	32,150.00	32,150.00	32,150.00
FY06CV-185	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	**30MAR06A**			**100**	490.00	490.00	490.00



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Forecast
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Progress Bar
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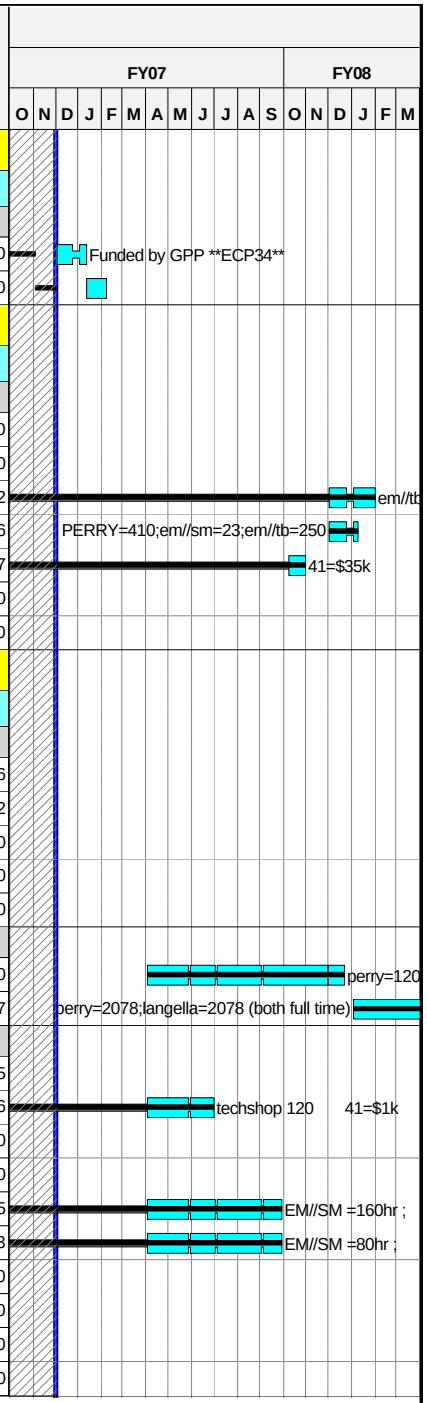
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
72 - Control Room Refurbishment											
Job: 7201 - Control Room Walls&Floors-PERRY											
710.001	Install Wall east side control room	01DEC06*	24	11JAN07	02NOV06		926		0.00	0.00	0.00
711B.050	Complete Control Room Flooring **post CD-4**	12JAN07*	18	06FEB07	30NOV06		926		0.00	0.00	0.00
73 - Platform Design & Fabrication											
Job: 7301 - Platform Design & Fab-PERRY											
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A	30JUN05A			100	6,416.80	6,416.80	6,416.80
712.010	Final Design	02MAY05A	43*	30JUN05A	30JUN05A			100	53,163.80	53,163.80	53,163.80
711A.040	Platform nut plates	01APR05A	166*	31JAN08	31JAN08		169	90	26,126.30	29,029.22	29,029.22
712.020	Platform Parts	03DEC07*	22	10JAN08	10JAN08		184		0.00	26,279.76	26,279.76
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT07	31OCT07		226	80	36,609.50	45,761.87	45,761.87
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				-50,000.00	-50,000.00	-50,000.00
FY06CV-195	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	3,740.00	3,740.00	3,740.00
74 - Machine Assembly Planning and Oversight											
Job: 7401 - TC Prep & Mach Assy Planning-PERRY											
Prior Costs											
711A.020	LOE FY04	01OCT03A	256*	30SEP04A	30SEP04A			LOE	148,582.46	148,582.46	148,582.46
714.010	LOE FY05	01OCT04A	249*	30SEP05A	30SEP05A			LOE	109,972.42	109,972.42	109,972.42
7401-001	Apr-Sept MIE Cost PPPL	01APR03A	66	30SEP03A	30SEP03A			100	164,000.00	164,000.00	164,000.00
FY05CV-40	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	30SEP05A				178,000.00	178,000.00	178,000.00
FY06CV-200	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	30MAR06A			100	32,120.00	32,120.00	32,120.00
Project Scope											
714.020	LOE FY06 prior to assy starting	02APR07*	185*	21DEC07	21DEC07		703		0.00	33,202.10	33,202.10
714.030	LOE FY07 thru first plasma	02JAN08*	313*	31MAR09	31MAR09		390		0.00	675,245.97	675,245.97
Test Cell Modifications & Upgrades											
714.020X	TC power instl	01AUG05A	436*	30SEP05A	30SEP05A				63,673.65	63,673.65	63,673.65
613.030	Test Cell copper ground plane cuts	01JUL05A	130	29JUN07	29JUN07		824	80	8,631.01	10,788.76	10,788.76
713.010	General procurements	02APR05A	128*	30SEP05A	30SEP05A			LOE	19,215.00	19,215.00	19,215.00
7502-000	Outlet Design	02FEB04A	107*	30JUN04A	30JUN04A			100	25,272.00	25,272.00	25,272.00
7502-001	Test Cell 110v outlets	01APR05A	256*	28SEP07	28SEP07		761	70	13,215.90	18,879.85	18,879.85
7502-002	Test Cell 208v outlets	01APR05A	256*	28SEP07	28SEP07		761	70	6,607.95	9,439.93	9,439.93
7502-003	Install 480v power in test cell	01SEP05A	0*	30SEP05A	30SEP05A			100	0.00	0.00	0.00
7502-004	Install 120v panels in test cell	01SEP05A	0*	30SEP05A	30SEP05A			100	0.00	0.00	0.00
7502-011	Cable Removal in test cell (S04335-32)	01OCT03A	0*	31OCT03A	31OCT03A			100	9,937.20	9,937.20	9,937.20
7502-025	TC Floor penetration covers	03NOV03A	42	26NOV03A	26NOV03A			100	16,848.00	16,848.00	16,848.00



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Forecast
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Progress Through November 30, 2006

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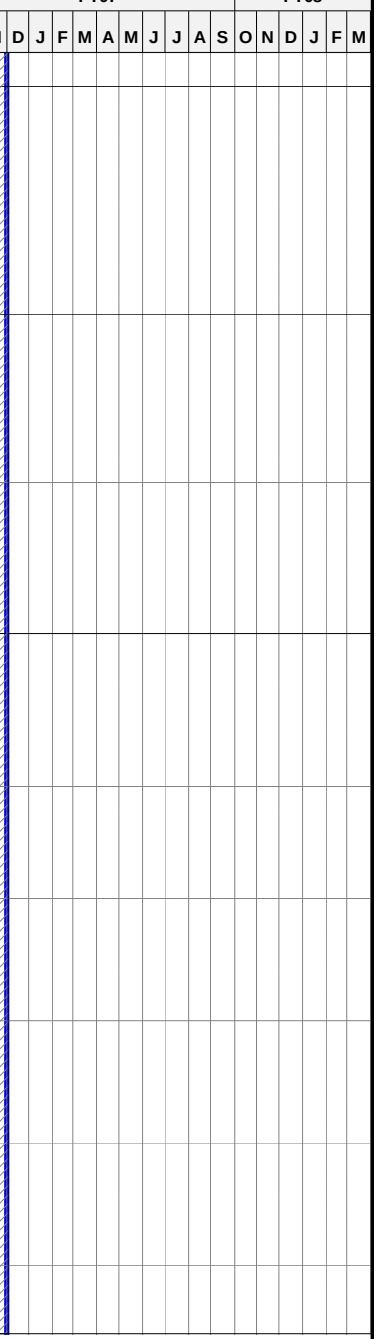
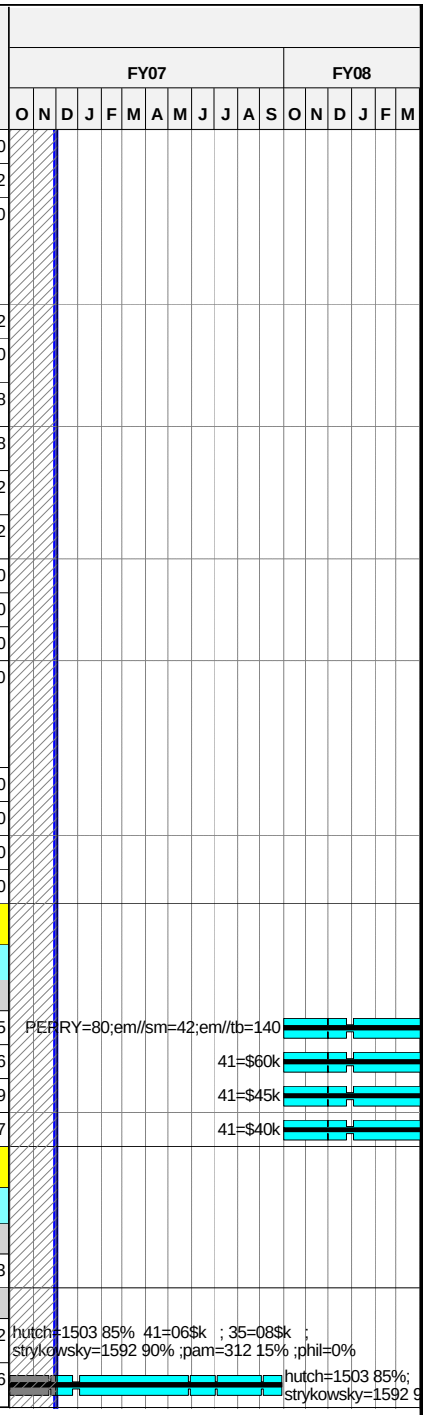
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
EXFAC001.2	Complete Crane Modifications (S04354)	02FEB04A	0*	30JAN04A	**30JAN04A**			**100**	37,608.48	37,608.48	37,608.48
75 - Test Cell and Basement Assembly Operations											
7501 - Construction Support Crew											
7501-05	Construction Support Crew during machine assy	22MAY08	173*	04FEB09	**21JAN09**		**90**		0.00	488,599.92	486,742.85
7501-06	Construction Support Crew e-beam mapping&ISTP	05FEB09	35*	25MAR09	**11MAR09**		**90**		0.00	102,211.20	102,211.20
7503 - Machine Assembly											
75Z											
730.8200Z	PTP and Cooldown (dup of 730.8200)	22JAN09	10	04FEB09	**21JAN09**		**429**		0.00	0.00	0.00
730.1248	ACC Review	20NOV08	20	19DEC08	**19DEC08**		**101**		0.00	0.00	0.00
730.1249	PSO Operational Readiness Assessment	22DEC08	5	06JAN09	**06JAN09**		**101**		0.00	0.00	0.00
730.1250	PSO Operational Readiness Assessment		0	06JAN09	**06JAN09**		**101**		0.00	0.00	0.00
730.8200	PTP and Cooldown	22JAN09	10	04FEB09	**21JAN09**		**90**		0.00	70,850.40	70,850.40
7503-010	Begin Assembly Activities	22MAY08*	0				**90**		0.00	0.00	0.00
7503-020	Install & Level Support Base Plates	22MAY08	8	03JUN08	**19MAY08**	2	**90**		0.00	68,122.20	68,122.20
7503-030	Install/Level FPA's and Spool Piece supports	04JUN08	15	24JUN08	**10JUN08**	2	**90**		0.00	136,244.40	136,244.40
7503-060	Install Lower PF 4,5&6 into prelim position	15JUL08	2	16JUL08	**01JUL08**		**90**		0.00	4,887.04	4,887.04
7503-070	Install 3 Spool Pieces on fixt & test movement	25JUN08	10	09JUL08	**24JUN08**		**90**		0.00	45,414.80	45,414.80
7503-080	FPA-1 Installed on support platform		0	09JUL08	**24JUN08**		**90**		0.00	0.00	0.00
7503-090	Install local Platforms around FPA-1	18JUL08	5	24JUL08	**10JUL08**	2	**90**		0.00	45,414.80	45,414.80
7503-110	FPA-2 Installed on support platform		0	09JUL08	**24JUN08**		**90**		0.00	0.00	0.00
7503-120	Test movement of FPA-1& -2 & position checks.	10JUL08	5	16JUL08	**01JUL08**		**90**		0.00	22,707.40	22,707.40
7503-130	Install local Platforms around FPA-2	14JUL08	3	16JUL08	**01JUL08**		**90**		0.00	45,414.80	45,414.80
7503-150	FPA-3 Installed on support platform		0	16JUL08	**01JUL08**		**90**		0.00	0.00	0.00
7503-160	Position all FPA's / Spool Pieces @ MC Interface	17JUL08	6	24JUL08	**10JUL08**		**90**		0.00	27,248.88	27,248.88
7503-170	FPA Metrology Checks to Assure Alignment	25JUL08	3	29JUL08	**15JUL08**		**90**		0.00	3,217.32	3,217.32
7503-190	Install local Platforms around FPA-3	30JUL08	5	05AUG08	**22JUL08**	2	**90**		0.00	45,414.80	45,414.80
7503-180	MC Interfaces: shim, ream holes ,bolt together	06AUG08	15	26AUG08	**12AUG08**		**90**		0.00	88,632.60	88,632.60
7503-200	Mate-up and weld all VV-to-Spool interfaces	27AUG08	15	17SEP08	**03SEP08**		**90**		0.00	77,673.60	77,673.60
7503-240	Bolt on preassembled pump duct	18SEP08	5	24SEP08	**10SEP08**		**90**		0.00	19,054.40	19,054.40



Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
7503-240.1	Install insulation boots	25SEP08	5	01OCT08	**17SEP08**	2	**90**		0.00	27,718.40	27,347.20
7503-240.2	Install insulation	02OCT08	2	03OCT08	**19SEP08**	2	**90**		0.00	6,570.72	6,153.12
7503-250	Begin Vac Vsl Pumpdown	06OCT08	0				**90**		0.00	0.00	0.00
7503-260	PTP Pumpdown & leak check VV	06OCT08	10	17OCT08	**03OCT08**		**90**		0.00	55,296.80	52,836.72
7503-210	Fit-up all TF coils	18SEP08	10	01OCT08	**17SEP08**		**90**		0.00	59,489.40	59,088.40
7503-270	Raise lower PF 4,5&6 coils into final position	02OCT08	6	09OCT08	**25SEP08**		**90**		0.00	29,098.08	27,248.88
7503-280	Install Upper PF 4,5 & 6 coils	10OCT08	6	17OCT08	**03OCT08**		**90**		0.00	29,098.08	28,173.48
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	20OCT08	4	23OCT08	**09OCT08**		**90**		0.00	19,398.72	19,398.72
7503-290A	Install trim coils	24OCT08	5	30OCT08	**16OCT08**		**90**		0.00	19,398.72	19,398.72
7503-310	Complete LN2 connections	31OCT08	10	13NOV08	**30OCT08**		**90**		0.00	40,695.20	40,695.20
7503-320	Complete Elect Pwr connections	31OCT08	10	13NOV08	**30OCT08**	2	**90**		0.00	110,593.60	110,593.60
7503-321	Complete mag diag & machine I&C	31OCT08	10	13NOV08	**30OCT08**	2	**90**		0.00	52,187.20	52,187.20
7503-330	Begin Cryostat Installation	14NOV08	0				**90**		0.00	0.00	0.00
7503-340	Install Cryostat Base, vapor barrie& port boots	14NOV08	10	01DEC08	**13NOV08**		**90**		0.00	40,695.20	40,695.20
7503-350	Install Cryostat upper section,VB and port boots	02DEC08	10	15DEC08	**01DEC08**		**90**		0.00	40,695.20	40,695.20
7503-360	Install Midplane Cryostat sections and port boot	16DEC08	15	14JAN09	**22DEC08**		**90**		0.00	61,042.80	61,042.80
7503-370	Install Cryostat Circulation Duct	15JAN09	5	21JAN09	**07JAN09**		**90**		0.00	20,347.60	20,347.60
76 - Tooling Design & Fabrication											
Job: 7601 - Tooling Design & Fabrication											
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09	**30JAN09**		**432**		0.00	32,704.75	32,704.75
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09	**30JAN09**		**432**		0.00	84,804.26	84,804.26
713.040	General procurements	01OCT07*	329*	30JAN09	**30JAN09**		**432**		0.00	63,603.19	63,603.19
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09	**30JAN09**		**432**		0.00	56,536.17	56,536.17
81 - Project Management and Control											
Job: 8101 - Project Management & Control-NEILSON											
+ Prior Costs											
		01APR03A	885	29SEP06A	**30SEP05A**				1,920,581.73	1,920,581.73	1,920,581.73
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A	**29SEP06A**			***LOE***	634,642.72	634,642.72	634,642.72
810.005	Project Management OfficePPPL FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**		108,308.73	640,879.96	640,879.96



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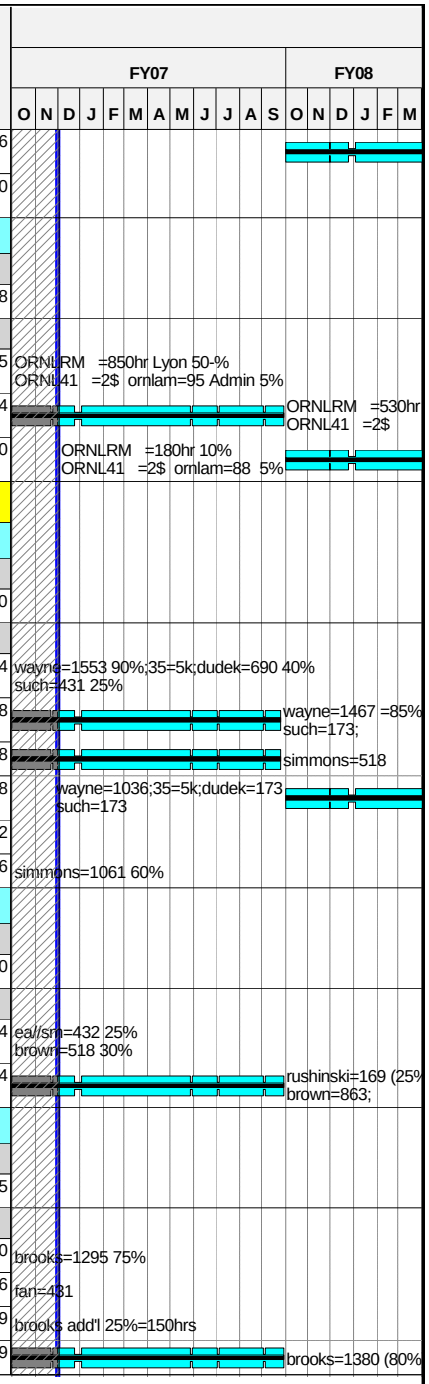
ECP-52 Status/ETC updates

Progress Through November 30, 2006

Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08	**30SEP08**		**511**		0.00	554,496.26	554,496.26
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09	**29MAY09**		**348**		0.00	84,463.70	84,463.70
Job: 8102 - NCSX MIE Management ORNL-LYON											
+ Prior Costs											
		01APR03A	885	29SEP06A	**30SEP05A**				255,968.98	255,968.98	255,968.98
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	173,610.65	173,610.65	173,610.65
810.104X	Project Management Office ORNL FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**		13,441.56	66,152.50	66,144.74
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08	**29SEP08**		**512**		0.00	36,664.00	36,664.00
82 - Project Engineering											
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN											
+ Prior Costs											
		01APR03A	885	29SEP06A	**30SEP05A**				1,655,338.70	1,655,338.70	1,655,338.70
820.004	Proj engr FY06	03OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	440,965.54	440,965.54	440,965.54
820.04X	Proj engr FY07	01OCT06A	246*	25SEP07	**25SEP07**		**764**		69,761.66	407,962.88	407,962.88
8205FY07	Systems Engineering Support FY07	02OCT06A	246*	25SEP07	**25SEP07**		**764**		15,754.48	92,131.48	92,131.48
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08	**25SEP08**		**514**		0.00	245,966.08	245,966.08
820.005	Proj engr FY09	01OCT08*	163*	29MAY09	**29MAY09**		**348**		0.00	62,798.72	62,798.72
8205FY06	Systems Engineering Support FY06	03OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	184,677.66	184,677.66	184,677.66
Job: 8203 - Design Integration-BROWN											
+ Prior Costs											
		01APR03A	885	29SEP06A	**30SEP05A**				712,348.70	712,348.70	712,348.70
8203FY06	Design Integration FY06	03OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	140,201.64	140,201.64	140,201.64
8203FY07	Design Integration FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**		31,029.83	183,608.44	183,608.44
Job: 8204 - Systems Analysis-BROOKS											
+ Prior Costs											
		01APR03A	885	29SEP06A	**30SEP05A**				644,052.25	644,052.25	644,052.25
8204FY06	Systems Analysis FY06	03OCT05A	249*	29SEP06A	**29SEP06A**			**LOE**	225,407.70	225,407.70	225,407.70
8204FY06.1	Systems Analysis FY06	01MAY06A	106*	29SEP06A	**29SEP06A**			**LOE**	75,019.86	75,019.86	75,019.86
8204FY06.2	Systems Analysis FY06	01MAY06A	107*	29SEP06A	**29SEP06A**			**LOE**	26,074.19	26,074.19	26,074.19
8204FY07	Systems Analysis FY07	01OCT06A	249*	28SEP07	**28SEP07**		**761**	**LOE**	41,504.56	245,589.09	245,589.09



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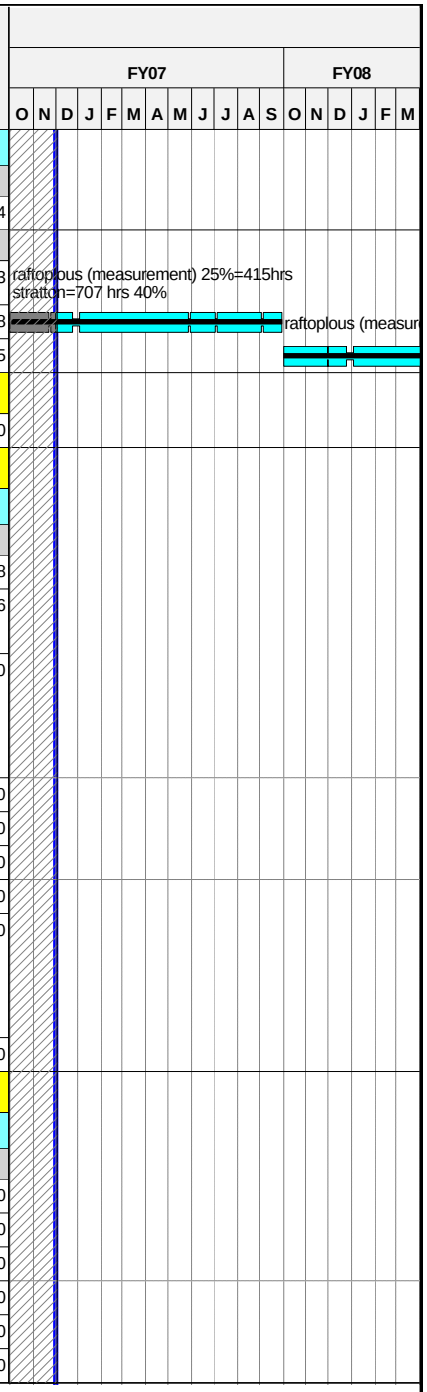
Activity ID	Activity Description	FORECAST Start	Forecast Duration (work days	FORECAST Finish	BASELINE FINISH	Shifts	Total Float in days (21 days= 1 mo.)	PCTC	Earned value cost (BCWP)	Budget ECP-52 plus etc's	ECP-52
Job: 8205 - Dimensional Control Coordination											
+ Prior Costs											
		01OCT04A	*500*	*29SEP06A*	**30SEP05A**				49,458.84	49,458.84	49,458.84
METFY06R	Metrology for FP & machine assy FY06	*03OCT05A*	*249**	*29SEP06A*	**29SEP06A**			***LOE***	189,307.03	189,307.03	189,307.03
METFY07R	Metrology for FP & machine assy FY07	*01OCT06A*	*249**	*28SEP07*	**28SEP07**		***761***		5,200.09	30,769.78	30,769.78
METFY08R	Metrology for FP & machine assy FY08	*03OCT07**	*247**	*29SEP08*	**29SEP08**		***512***		0.00	31,598.45	31,598.45
+ 84 - Project Physics											
		01APR03A	*757*	*30MAR06A*	**30MAR06A**				471,072.20	471,072.20	471,072.20
85 - Integrated Systems Testing											
Job: 8501 - Integrated Systems Testing											
920.001	Procedure and Document Preparation	*27MAY08**	*150*	*06JAN09*	**06JAN09**		***101***		0.00	378,034.78	378,034.78
920.000	Startup Personnel	*05DEC08*	*72*	*25MAR09*	**11MAR09**		***90***		0.00	435,467.96	435,467.96
920.004	Begin Start-up Testing	*05FEB09*	*0*				***90***		0.00	0.00	0.00
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	*05DEC08*	*37*	*04FEB09*	**21JAN09**		***90***		0.00	0.00	0.00
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	*05FEB09*	*25*	*11MAR09*	**25FEB09**		***90***		0.00	0.00	0.00
920.020	Final ISTP	*12MAR09*	*7*	*20MAR09*	**06MAR09**		***90***		0.00	0.00	0.00
920.021	Operations Approval	*23MAR09*	*3*	*25MAR09*	**11MAR09**		***90***		0.00	0.00	0.00
730.9000	First Plasma		*0*	*25MAR09*	**11MAR09**		***90***		0.00	0.00	0.00
M-0120	CD-4 First Plasma		*0*	*31JUL09**	**31JUL09***		***0***		0.00	0.00	0.00
PPPL Allocations											
Job: 8998 - Allocations											
Prior Costs											
99.03	Apr-Sept MIE Cost PPPL	*01APR03A*	*128**	*30SEP03A*	**30SEP03A**			***100***	112,000.00	112,000.00	112,000.00
99.04	PPPL Allocations FY04	*01OCT03A*	*256**	*30SEP04A*	**30SEP04A**			***100***	260,691.00	260,691.00	260,691.00
99.05	PPPL Allocations FY05	*20OCT04A*	*251**	*30SEP05A*	**30SEP05A**			***100***	302,697.00	302,697.00	302,697.00
99.05P	PPPL Allocations FY05 rebaeline re-estimate	*01OCT04A*	*251**	*30SEP05A*	**30SEP05A**			***100***	48,151.80	48,151.80	48,151.80
FY05CV-43	FY05 unrecoverable cost variance	*01OCT04A*	*251*	*30SEP05A*	**30SEP05A**			***100***	56,000.00	56,000.00	56,000.00
FY06CV8998	FY06 unrecoverable cost variance ecp52	*01OCT05A*	*251*	*29SEP06A*	**29SEP06A**			***100***	95,000.00	95,000.00	95,000.00



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Progress Through November 30, 2006

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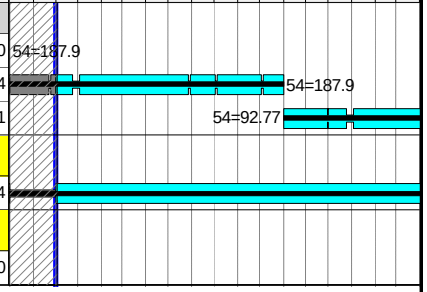
99.06	PPPL Allocations FY06	*03OCT05A*	*249**	*29SEP06A*	**29SEP06A**			***LOE***	329,764.50	329,764.50	329,764.50
99.07	PPPL Allocations FY07	*01OCT06A*	*250**	*01OCT07*	**01OCT07**		***760***		55,908.29	332,787.44	332,787.44
99.08	PPPL Allocations FY08	*01OCT07**	*249**	*29SEP08*	**29SEP08**		***512***		0.00	166,336.61	166,336.61
+ Contingency											
		03OCT05A	*847*	*27FEB09*	**27FEB09**		***412***		1,398,000.00	6,627,482.92	6,626,804.04
+ DCMA											
		01OCT03A	*256*	*30SEP04A*	**30SEP04A**				75,000.00	75,000.00	75,000.00



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