

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
Thermal Insulation																																											
123-035	Issue Proc Pkg for insulation boots WBS 122	02OCT06*	0			412	0.00																																				
123-040	Issue RFQ & Select Vendor insul boots WBS 122	01AUG07*	43	01OCT07		205	0.00																																				
123-045	Award Insulation Boots WBS 122		0	01OCT07		205	0.00																																				
123-050	Fabricate& Deliver Insul Boots WBS 122	02OCT07	130	11APR08		205	77,275.00																																				
122-040	Prep spec and req Port Thermal Insulation	02OCT06*	0			307	0.00																																				
122-035	SPEA Port Thermal Insulation	01JUN07*	43	01AUG07		142	0.00																																				
122-041	Award Port Thermal Insulation		0	01AUG07		142	0.00																																				
122-051	Deliver Port Thermal Insulation	02AUG07	89	07DEC07		142	35,125.00																																				
122-030.0	Prep spec and req Pourable Insulation	02OCT06*	0			458	0.00																																				
122-030	SPEA Pourable Insulation	03DEC07*	43	08FEB08		166	0.00																																				
122-036.9	Award Pourable Insulation		0	08FEB08		166	0.00																																				
122-037	Deliver Pourable Insulation	11FEB08	89	13JUN08		166	63,225.00																																				
1204-901.5	ECP45 FY06 cv	01OCT05A	43	31MAR06A			62,500.00																																				
122-031	Title III engr WBS 12 non vvs PPPL	01FEB06A	669*	30SEP08		250	3,599.01	Dudek=22hr ; Goranson =244h																																			
122-032	Title III engr WBS 12 non vvs ORNL FY06	01FEB06A	170*	29SEP06A			10,459.40	Goranson =32hr ;Mcginnis=30																																			
122-033	Title III engr WBS 12 non vvs ORNL FY07	02OCT06*	249*	28SEP07		500	33,402.60	Goranson =100hr ; McGinnis=98																																			
+ Job: 1250 - Vacuum Vessel Fabrication**CLOSED**																																											
		21MAY04A	592	29SEP06A			5,808,612.61																																				
13 - Conventional Coils																																											
+ Job: 1301 - TF Design-KALISH**CLOSED**																																											
		01APR03A	885	29SEP06A			970,652.65																																				
+ Job: 1350 - TF Fab Prep-CHRZANOWSKI**CLOSED**																																											
		01OCT04A	373	31MAR06A			547,058.15																																				
Job: 1351 - TF Coil Fabr Supplies-KALISH																																											
TF Materials & Supplies																																											
FY05CV-8	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			14,000.00																																				
1301FD-72	TF Conductor Procurement Package approved	31MAY05A	5	31MAY05A			0.00																																				
1301FD-74	Prepare & issue TF Conductor RFP	31MAY05A	23*	03JUN05A			0.00																																				
1301FD-76	Evaluate bids and award TF conductor	06JUN05A	0*	30JUN05A			0.00																																				
1301FD-77	Award TF conductor		0	30JUN05A			0.00																																				
1301FD-78	TF Wedge Plate procurement package approved	29JUL05A	5	29JUL05A			0.00																																				
1301FD-80	Prepare and Issue TF Wedge Plate RFP	12AUG05A	5	18AUG05A			0.00																																				
1351-529	Coil Supplies- Deliver Copper Conductor(PE005935	01JUL05A	123*	23DEC05A			133,864.50																																				
1351-531	Coil Supplies- G-11 fillers (PE006162)	03JAN06A	29*	31JAN06A			89,115.00																																				
1351-533	Lead spur material	03SEP05A	206*	31MAR06A			32,025.00																																				
1351-525	Coil Supplies- Insulation (PE6299)	03JAN06A	128*	30JUN06A			109,680.00																																				

Run Date 06FEB07 13:25

ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity

ECP53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 2 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1351-534	PPPL Fabricate Lead Spurs (M1319)	01MAY06A	110*	31OCT06		727	27,071.01	em//tb=248; ea//em=40																																			
13ECP44-05	ECP45 FY06 cv	03OCT05A	2	31MAR06A			63,960.00																																				
Job: 1361 - TF Fabrication-KALISH																																											
TF Title III and Fabrication Oversight																																											
1301FD-05	Anaylsis Check	01MAR05A	423*	31OCT06		727	27,399.08	Dahlgren=160																																			
131-031	Title III engr	10OCT05A	182*	28APR06A			50,809.85																																				
131-032	Title III engr	01MAY06A	354*	29SEP06A			79,774.72	35=03\$k ; KALISH ; =428hr ;																																			
131-033	Title III engr	02OCT06	247*	26SEP07		502	193,879.43	Kalışh=1003.83 travel=\$7k																																			
TF Fabrication Contract																																											
1361C-001	Contract Awarded	28APR06A	0				0.00																																				
1361C-005	Tooling	28APR06A	143*	14NOV06		742	252,858.71	41=\$186,345																																			
1361C-007	Wedge Material (1)	29SEP06A	43	29SEP06A			248,493.75	41=\$181,250																																			
1361C-009	Tooling (Climax)	02OCT06*	11*	16OCT06		763	75,000.00	48=\$75																																			
1361C-010	Wedge Material (2)	02OCT06*	228	20AUG07		546	222,042.28	41=\$132.41; 48=\$48.85																																			
1361C-101	Fab, Test & Deliver Coil #1	14NOV06	76*	28FEB07		667	47,210.00	48=\$47.21																																			
1361C-102	Fab, Test & Deliver Coil #2	02JAN07	54*	16MAR07		655	47,210.00	48=\$47.21																																			
1361C-103	Fab, Test & Deliver Coil #3	15JAN07	55*	30MAR07		645	47,210.00	48=\$47.21																																			
1361C-104	Fab, Test & Deliver Coil #4	26MAR07*	13	11APR07		196	47,210.00	48=\$47.21																																			
1361C-105	Fab, Test & Deliver Coil #5	16APR07*	13	02MAY07		194	47,210.00	48=\$47.21																																			
1361C-106	Fab, Test & Deliver Coil #6	03MAY07*	13	21MAY07		194	47,210.00	48=\$47.21																																			
1361C-107	Fab, Test & Deliver Coil #7	22MAY07*	13	08JUN07		194	47,210.00	48=\$47.21																																			
1361C-108	Fab, Test & Deliver Coil #8	11JUN07*	13	27JUN07		194	47,210.00	48=\$47.21																																			
1361C-109	Fab, Test & Deliver Coil #9	28JUN07*	13	17JUL07		194	47,210.00	48=\$47.21																																			
1361C-110	Fab, Test & Deliver Coil #10	18JUL07*	13	03AUG07		194	47,210.00	48=\$47.21																																			
1361C-111	Fab, Test & Deliver Coil #11	06AUG07*	13	22AUG07		194	47,210.00	48=\$47.21																																			
1361C-112	Fab, Test & Deliver Coil #12	23AUG07*	13	11SEP07		194	47,210.00	48=\$47.21																																			
1361C-113	Fab, Test & Deliver Coil #13	12SEP07*	13	28SEP07		194	47,210.00	48=\$47.21																																			
1361C-114	Fab, Test & Deliver Coil #14	01OCT07*	13	17OCT07		194	47,210.00	48=\$47.21																																			
1361C-115	Fab, Test & Deliver Coil #15	18OCT07*	13	05NOV07		194	47,220.00	48=\$47.21																																			
1361C-116	Fab, Test & Deliver Coil #16	06NOV07*	13	22NOV07		194	47,220.00	48=\$47.21																																			
1361C-117	Fab, Test & Deliver Coil #17	23NOV07*	13	12DEC07		194	47,220.00	48=\$47.21																																			
1361C-118	Fab, Test & Deliver Coil #18	13DEC07*	13	02JAN08		194	47,220.00	48=\$47.21																																			
1351-195X	ALL TF COILS DELIVERED		0	02JAN08		453	0.00	<p>ALL TF COILS DELIVERED DOE LEVEL 2 MILESTONE PEP DATE = AUGUST 2008</p>																																			
+ TF Fabrication (Everson internal schedule)																																											
		01MAY06A	239	30MAR07		645	0.00																																				

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

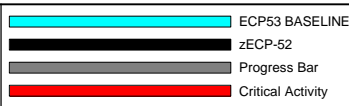
EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 3 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
FY07 Rebaseline Exercise																																											
ECP53RBX03	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	007012	584	1,446.32	EA/EM =08hr ;																																			
13ECP44-06	ECP45 FY06 cv	03OCT05A	2	31MAR06A			37,220.00																																				
Job: 1302 - PF Design -KALISH																																											
FY07 Rebaseline Exercise																																											
ECP53RBX02	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07	007012	584	14,463.20	EA/EM =80hr ;																																			
1302-PF	Start PF Preliminary Design**ON HOLD UNTIL FY06*	01MAR05A	145	30SEP05A			7,601.50																																				
1302-PFX	Start Preliminary Design	01FEB06A	64*	28APR06A			13,524.47																																				
13ECP44-02	ECP45 FY06 cv	03OCT05A	2	31MAR06A			-6,900.00																																				
1302-200	Complete PF Coil SRD	04JUN07*	20	29JUN07		106	1,807.90	kalish=10																																			
1302-205	Update PF Analysis	02JUL07	40	27AUG07		106	14,824.78	kalish=16																																			
1302-210	PF Coil ICD	02JUL07	40	27AUG07		126	1,807.90	kalish=10																																			
1302-215	Complete PDR PF Dwgs	28AUG07	20	25SEP07		106	9,039.50	kalish= 10; rushinski= 40 ;																																			
1302-220	Prepare for PDR	28AUG07	10	11SEP07		116	11,570.56	kalish= 40; rushinski= 16 ; analyst=8																																			
1302-225	PDR	26SEP07	1	26SEP07		106	4,338.96	kalish= 8; rushinski= 8 ; analyst=8																																			
1302-230	Prepare PF Procurement Coil Spec	27SEP07	20	24OCT07		106	6,220.90	kalish=33																																			
1302-235	Detail Drawings PF4	27SEP07	10	10OCT07		111	7,506.16	kalish= 7 ; rushinski= 33																																			
1302-240	Disposition PDR Chits	27SEP07	20	24OCT07		121	6,220.90	kalish= 33																																			
1302-245	Detail Drawings PF5	11OCT07	10	24OCT07		111	7,574.80	kalish= 7 ; rushinski= 33																																			
1302-250	PF Stress analysis with leads	27SEP07	15	17OCT07		126	17,881.47	kalish= 20 ; analyst=75																																			
1302-255	Review PF Coil Procurement Spec	25OCT07	15	14NOV07		106	3,787.40	kalish=20																																			
1302-260	Detail Drawings PF6	25OCT07	10	07NOV07		111	7,574.80	kalish= 7 ; rushinski= 33 ;																																			
1302-265	Prepare for FDR	15NOV07	5	21NOV07		106	12,498.42	kalish= 40; rushinski= 18 ; analyst=8																																			
1302-270	PF FDR	22NOV07	1	22NOV07		106	4,544.88	kalish=8 ; rushinski= 8 ; analyst=8																																			
1302-275	Resolve Chits	23NOV07	10	10DEC07		106	14,202.75	kalish= 25; rushinski= 25 ; analyst=25																																			
133-010	Design WBS 134 Conv Coil I&C	01FEB07*	105	28JUN07		275	14,194.00	Kalish =80 ;																																			
FY05CV-6	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-22,000.00																																				
Job: 1352 - PF Coil Procurement-KALISH																																											
PF Coil Fabrication																																											
141-035	Bid & Award PF Coils	11DEC07*	45	20FEB08		106	0.00	H																																			
141-036	PF Coils Awarded		0	20FEB08		106	0.00	AWARD PRODUCTION CONTRACT FOR PF COILS LEVEL 2 DOE MILESTONE PEP DATE = MARCH 2008																																			
1352-100	Material & leads	21FEB08	75	05JUN08		106	227,610.00	41=162																																			
1352-120	Tooling for PF 6	21FEB08	25	26MAR08		106	56,200.00	41=40																																			
1352-115	Tooling for PF 5	27MAR08	25	30APR08		106	56,200.00	41=40																																			

Run Date 06FEB07 13:25



ECP53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 4 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09												
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
								Gantt Chart Data																																				
1352-110	Tooling for PF 4	01MAY08*	25	05JUN08		106	40,000.00	[Gantt Bar: May 1 - Jun 5, 2008]																																				
1352-105	Tooling for PF 1,2 and 3 NOT REQ'D USE PF1a	27MAR08	30	07MAY08		351	0.00	[Gantt Bar: Mar 27 - May 7, 2008]																																				
1352-150	Fabricate/Divr PF 6 lower	27MAR08	15	16APR08		151	30,000.00	[Gantt Bar: Mar 27 - Apr 11, 2008]																																				
1352-165	Fabricate/Divr PF 6 upper	17APR08	15	07MAY08		198	30,000.00	[Gantt Bar: Apr 17 - May 1, 2008]																																				
1352-145	Fabricate/Divr PF 5 lower	01MAY08	15	21MAY08		126	30,000.00	[Gantt Bar: May 1 - May 16, 2008]																																				
1352-160	Fabricate/Divr PF 5 upper	22MAY08	15	12JUN08		173	30,000.00	[Gantt Bar: May 22 - Jun 6, 2008]																																				
1352-140	Fabricate/Divr PF 4 lower	06JUN08	10	19JUN08		106	30,000.00	[Gantt Bar: Jun 6 - Jun 16, 2008]																																				
1352-155	Fabricate/Divr PF 4 upper	20JUN08	10	03JUL08		158	30,000.00	[Gantt Bar: Jun 20 - Jul 4, 2008]																																				
1352-135X	Refurbish NSTX PF1a	01OCT07*	5	05OCT07		333	1,312.80	[Gantt Bar: Oct 1 - Oct 5, 2007]																																				
722.010	PF Coil receipt inspect/test (formerly wbs 183)	17APR08	65	18JUL08		301	30,546.82	[Gantt Bar: Apr 17 - Jul 18, 2008]																																				
141-031	Title III engr WBS 132	11DEC07	198	25SEP08		253	117,409.40	[Gantt Bar: Dec 11, 2007 - Sep 25, 2008]																																				
Job: 1354 - Trim Coil Design & Procurement-KALISH																																												
Trim Coils																																												
1303-TRIM	Trim Coil Design	01OCT07*	65	10JAN08		160	45,070.06	[Gantt Bar: Oct 1, 2007 - Jan 10, 2008]																																				
1303-136	Trim Coil PDR		0	29OCT07		169	0.00	[Gantt Bar: Oct 29, 2007]																																				
1303-137	Trim Coil FDR		0	10JAN08		160	0.00	[Gantt Bar: Jan 10, 2008]																																				
184-035	Bid & Award Ext Trim Coils	11JAN08	45	13MAR08		160	0.00	[Gantt Bar: Jan 11 - Mar 13, 2008]																																				
184-036	Award External Trim Coils		0	13MAR08		160	0.00	[Gantt Bar: Mar 13, 2008]																																				
184-037	External Trim Coil Procurement/Fab*ecp16	14MAR08	87	16JUL08		160	35,125.00	[Gantt Bar: Mar 14 - Jul 16, 2008]																																				
184-015	Title III WBS 133 Rxt Trim Coils	11JAN08	147	06AUG08		288	28,292.77	[Gantt Bar: Jan 11 - Aug 6, 2008]																																				
+ Job: 1303 - Central Solenoid Sprt Dsn-DAHLGREN																																												
		03OCT05A	227	29AUG06A			116,882.84	[Gantt Bar: Oct 3, 2005 - Aug 29, 2006]																																				
Job: 1353 - CS Structure Procurement-DAHLGREN																																												
CS Support Structure																																												
163-035	Bid & Award CS Support Struct	27JUL07	45	28SEP07		148	0.00	[Gantt Bar: Jul 27 - Sep 28, 2007]																																				
163-036.9	Award CS Support Structure		0	01OCT07*		147	0.00	[Gantt Bar: Oct 1, 2007]																																				
163-037	CS Support Structure Procurement/Fab	02OCT07*	190	08JUL08		147	62,596.00	[Gantt Bar: Oct 2, 2007 - Jul 8, 2008]																																				
163-015	Title III design CS sprt struc	01OCT07*	248	26SEP08		252	63,060.21	[Gantt Bar: Oct 1, 2007 - Sep 26, 2008]																																				
Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH																																												
TF/PF Loacl I&C																																												
133-015	Title III WBS 134 Conv Coil I&C	01OCT07*	130	10APR08		370	1,514.96	[Gantt Bar: Oct 1, 2007 - Apr 10, 2008]																																				
133-037	Conv Coil I&C WBS 134 Proc & Install	01OCT07*	130	10APR08		211	69,778.19	[Gantt Bar: Oct 1, 2007 - Apr 10, 2008]																																				
1355-100	CS and PF 1a Pre-Assy incl coil I&C procurement	09JUL08	15	29JUL08		147	19,692.00	[Gantt Bar: Jul 9 - Jul 29, 2008]																																				
14 - Modular Coils																																												
+ Job: 1401 - Mod Coil Prel.Dsn**CLOSED**																																												
		01APR03A	636	30SEP05A			304,040.00	[Gantt Bar: Apr 1, 2003 - Sep 30, 2005]																																				
+ Job: 1402 - Mod.Coil Analyses**CLOSED**																																												
		01APR03A	636	30SEP05A			239,140.00	[Gantt Bar: Apr 1, 2003 - Sep 30, 2005]																																				

Run Date 06FEB07 13:25

ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 5 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
+ Job: 1404 - MCWF R&D 1st Prod Casting**CLOSED**																																											
		01APR03A	636	30SEP05A			2,543,518.06																																				
+ Job: 1413 - MCWF Fracture Analysis-**CLOSED**																																											
		01OCT04A	372	30MAR06A			27,819.40																																				
+ Job: 1405 - Mod Coil Winding R&D Prep-**CLOSED**																																											
		01APR03A	636	30SEP05A			168,070.00																																				
+ Job: 1407 - Mod Coil Winding Facility-**CLOSED**																																											
		01APR03A	757	30MAR06A			2,570,861.37																																				
+ Job: 1412 - Complete Winding Facilities-*CLOSED*																																											
		01OCT04A	372	30MAR06A			540,996.88																																				
+ Job: 1406 - Mod. Coil Winding R&D-**CLOSED**																																											
		01APR03A	757	30MAR06A			2,263,278.10																																				
+ Job: 1410 - MC Twisted Racetrack Fabr-**CLOSED**																																											
		01OCT04A	372	30MAR06A			1,049,971.32																																				
+ Job: 1409 - Coil Test Stand-GETTELFINGER*CLOSED*																																											
		20OCT03A	700	31JUL06A			826,314.17																																				
+ Job: 1414 - Coil Testing-Gettelfinger**CLOSED**																																											
		01OCT04A	457	31JUL06A			674,932.52																																				
+ Job: 1415 - Dim Cntrl Test-RAFTOPOLOUS*CLOSED**																																											
		01OCT04A	251	30SEP05A			23,850.00																																				
+ Job: 1419 - Winding Fac. Mods-CHRZANOWSKI*CLSD*																																											
		01OCT04A	372	30MAR06A			55,210.00																																				
+ Job: 1403 - Modular Coil Final Design-WILLIAMSON																																											
		01OCT03A	756	29SEP06A			3,310,569.50																																				
Job: 1416 - Mod Coil Type AB Fnl Dsn-WILLIAMSON																																											
+ Winding and Assembly Design-Type A																																											
		01AUG05A	294	29SEP06A			324,347.02																																				
+ Winding and Assembly Design-Type B																																											
		28NOV05A	211	29SEP06A			223,542.47																																				
Prior Costs																																											
FY06CV-109	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			-211,700.00																																				
Clamp hardware modifications																																											
1416-201	Evaluate and select clamp hardware modifications	01NOV06*	10	14NOV06		149	5,008.00																																				
1416-202	Revise assembly models/drawings	22NOV06	5	30NOV06		149	5,008.00																																				
1416-203	Prepare part dwgs / procurement documentation	15NOV06	5	21NOV06		149	2,504.00																																				
1416-204	Review and approve clamp hardware modifications	01DEC06	10	14DEC06		149	5,008.00																																				
1416-204.1	Modify Type-B clamps for stud attachment	01DEC06A	95*	20APR07		125	15,906.80																																				

Dudek=32hr ;
 dudek=32
 dudek=16
 dudek =32hr ;
 EM/TB =160hr ; ORNLEM =20hr ;

Run Date 06FEB07 13:25

ECP53 BASELINE
 zECP-52
 Progress Bar
 Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 6 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
Blanket thermal insulation																																											
1416-301	Investigate blanket insulation requirements and	01NOV06*	15	21NOV06		98	10,796.80	■ FOGARTY =32hr ; GORANSON =32hr ;																																			
1416-302	Prepare and test install insulation m-u on coil	22NOV06	50*	09FEB07		98	2,220.60	■ =41=5; em/tb=20																																			
1416-303	Parts info for drawing BOM	12FEB07*	5	16FEB07		98	1,687.00	■ WILLIAMSON =10																																			
1416-304	Revise assembly models/drawings	19FEB07	5	23FEB07		98	3,374.00	■ ornlem=20																																			
1416-305	Review and approve insulation concept	26FEB07	5	02MAR07		98	3,494.90	■ GORANSON =10;ea/em=10																																			
1416-3186	Test Nomex Batt material	08JAN07*	10	19JAN07		98	5,639.76	■ CIEBERA =24hr ; DODSON =24hr ; ■ LANGISH =24hr ;																																			
1416-3190	Write Report	22JAN07	5	26JAN07		98	626.64	■ DODSON =08hr ;																																			
1416-3192	Develop Adhesion Method	29JAN07	5	02FEB07		98	3,130.64	■ DUDEK =16hr ; KEARNS =08hr ;																																			
1416-3195	Test Adhesion Method on Coil	05FEB07	10	16FEB07		98	5,635.92	■ DUDEK =24hr ; KEARNS =24hr ;																																			
1416-3198	Report Results	19FEB07	10	02MAR07		98	1,252.00	■ DUDEK =08hr ;																																			
1416-3200	Procure Materials for Batt Insulation Installati	05MAR07	30	13APR07		98	41,484.00	■ DUDEK =240hr ; M&S (\$) =03\$K ;																																			
1416-3203	Batts available for installation		0	13APR07		98	0.00																																				
Fiber optic gage qualification																																											
1416-401	Perform LN2 adhesion tests	02OCT06	16	23OCT06		160	10,796.80	■ FREUDENBERG =64hr ;																																			
1416-402	Prepare purchase req for gages, adhesive	24OCT06	5	30OCT06		185	2,699.20	■ WILLIAMSON =16hr ; FREUDENBERG =0hr ;																																			
1416-403	Perform strain cycle tests	24OCT06	30	06DEC06		160	16,195.20	■ FREUDENBERG =96hr ;																																			
1416-404	Review and approve fiber optic gage qualificatio	07DEC06	30	25JAN07		160	3,374.00	■ WILLIAMSON =20																																			
Top level assy models/drawings																																											
1416-405	Complete layout of T/Cs and strain gages	24JAN07*	5	30JAN07		670	7,254.10	■ LOVETT =10hr ; WILLIAMSON =33hr ;																																			
1416-501	Complete models/drawings of coolant line routing	30OCT06*	65*	07FEB07		664	14,508.20	■ ORNLEM =20hr ; WILLIAMSON =66hr ;																																			
1416-502	Check layout of flux loop terminations and revis	13NOV06*	55*	07FEB07		664	7,254.10	■ LOVETT =10hr ; WILLIAMSON =33hr ;																																			
1416-503	Complete models/drawings of power cable connect	20NOV06*	60*	21FEB07		654	14,508.20	■ LOVETT =20hr ; WILLIAMSON =66hr ;																																			
1416-504	Complete models/drawings of protective covers	06DEC06*	50*	21FEB07		654	7,254.10	■ LOVETT =10hr ; WILLIAMSON =33hr ;																																			
1416-505	Drawing callouts for interface hdw (prelim model	13DEC06*	45*	21FEB07		654	14,508.20	■ LOVETT =20hr ; WILLIAMSON =66hr ;																																			
1416-506	Check and promote top-level models/drawings	19FEB07*	8*	28FEB07		627	12,315.10	■ COLE =40hr ; WILLIAMSON =33hr ;																																			
1416-507	Update, review and approve coil asm spec	01FEB07*	20*	28FEB07		649	14,508.20	■ ORNLEM =20hr ; WILLIAMSON =66hr ;																																			
1416-508	Complete drawing rev to leads, terminal asm (ECN	01FEB07*	20*	28FEB07		649	8,435.00	■ LOVETT =10hr ; WILLIAMSON =40hr ;																																			
Analysis and closeout documentation																																											
1416-601	Prepare EM and structural analysis of leads	01FEB07*	15*	21FEB07		654	34,711.68	■ reiersen =192hr ;																																			
1416-602	Design memo KF structural analysis	01FEB07*	12*	16FEB07		657	2,699.20	■ FREUDENBERG =16hr ;																																			
1416-603	Update, review and approve FMECA	01FEB07*	12*	16FEB07		657	5,398.40	■ WILLIAMSON =32hr ;																																			
1416-604	Finalize draft documents - materials, eddy curre	01FEB07*	22*	02MAR07		647	2,699.20	■ WILLIAMSON =16hr ;																																			
1416-605	Prepare Type-ABC closeout FDR	01MAR07*	7*	09MAR07		627	5,398.40	■ WILLIAMSON =32hr ;																																			
1416-606	Resolve FDR comments	12MAR07	15	30MAR07		627	5,398.40	■ WILLIAMSON =32hr ;																																			
FY07 Rebaseline Exercise																																											
ECP53RBX04	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	1,349.60	■ ORNLEM =08hr ;																																			

Run Date 06FEB07 13:25

■ ECP53 BASELINE

 ■ zECP-52

 ■ Progress Bar

 ■ Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 7 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
Type C Design Closeout																																											
1403-40.2Z	Update nonlinear winding pack analysis	02AUG04A	560*	29SEP06A	007012		81,764.53	freudenberg=527;williamson=40 nelson=4Myatt=40																																			
1403-42H	calculate EM loads at leads	01SEP05A	288*	29SEP06A	007012		7,038.69	williamson=60																																			
1403-47A	Update,review & approve FMECA	26SEP05A	271*	29SEP06A	007012		673.72	Williamson=40																																			
1403-47C	Perform cool-down/warmup analysis	31AUG07*	26	08OCT07		494	7,310.80	fan=40																																			
1403-50A	Check inductance calculation	29SEP06A	43	29SEP06A	007012		0.00																																				
1403-60C	Finish Update design basis document	02MAY05A	374*	29SEP06A	007012		7,898.66	80 hrs																																			
1403-73	Prep struct analysis report	01MAY05A	374*	29SEP06A	007012		10,531.55	FREUDENBERG =80hr ;																																			
1403-76	Structural analysis of leads	01OCT04A	517*	29SEP06A	007012		10,356.65	FREUDENBERG =80hr ; myatt=240																																			
1403-90	Compile Material properties database	01OCT04A	559*	29SEP06A	007012		16,285.19	hm fan=120																																			
Job: 1408 - MC Winding Supplies-CHRZANOWSKI																																											
+ Prior Costs																																											
		01APR03A	657	31OCT05A			204,658.48																																				
+ Copper Conductor																																											
		02AUG04A	315	31OCT05A			273,914.27																																				
+ Insulation for conductor																																											
		09JUL04A	245	30JUN05A			26,901.00																																				
+ Groundwrap Insulation																																											
		03JAN05A	41	28FEB05A			25,620.00																																				
Cladding																																											
1408-505	PPPL Fabr Cladding Type C for Coil c1	01MAY05A	15	31MAY05A			3,586.65																																				
1408-507	PPPL Fabr Cladding Type C for Coil c2	02OCT05A	58*	23DEC05A			3,838.80																																				
1408-501	Submet Requisition for Type C Cladding	31OCT05A	1	31OCT05A			0.00																																				
1408-503	Bid and Award Type C Cladding (PE006336)	01NOV05A	20	30NOV05A			0.00																																				
1408-509	Fabr Cladding Type C for Coil c3	03DEC05A	36	31JAN06A			3,838.80																																				
1408-511	Fabr Cladding Type C for Coil c4	03DEC05A	36	31JAN06A			3,838.80																																				
1408-513	Fabr Cladding Type C for Coil c5	03DEC05A	36	31JAN06A			3,838.80																																				
1408-515	Fabr Cladding Type C for Coil c6	03DEC05A	36	31JAN06A			3,838.80																																				
1408-517	Submet Requisition for Type A Cladding	01APR06A	5	14APR06A			0.00																																				
1408-519	Bid and Award Type A Cladding	17APR06A	30	26APR06A			0.00																																				
1408-521	Fabr Cladding Type A for Coil a1	01JUN06A	0*	30JUN06A			6,032.40																																				
1408-523	Fabr Cladding Type A for Coil a2	01JUN06A	49*	31AUG06A			6,032.40																																				
1408-525	Fabr Cladding Type A for Coil a3	01JUN06A	49*	31AUG06A			6,032.40																																				
1408-527	Fabr Cladding Type A for Coil a4	01JUN06A	49*	31AUG06A			6,032.40																																				
1408-529	Fabr Cladding Type A for Coil a5	01JUN06A	49*	31AUG06A			6,032.40																																				
1408-531	Fabr Cladding Type A for Coil a6	01JUN06A	49*	31AUG06A			6,032.40																																				
1408-533	Submet Requisition for Type B Cladding	31JUL06A	5	31JUL06A			0.00																																				
1408-535	Bid and Award Type B Cladding	24JUL06A	29*	31AUG06A			0.00																																				
1408-537	Fabr Cladding Type B for Coil b1	01SEP06A	43*	01NOV06		114	5,884.13	41=\$4.4k																																			

Run Date 06FEB07 13:25

ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 8 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	Schedule																														
								FY07									FY08									FY09												
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
1408-615	Fabr Chill Plts Type C for Coil c6	03JAN06A	20	31JAN06A			3,838.80																															
1408-617	Submet Requisition for Type A Chill Plts	01APR06A	5	14APR06A			0.00																															
1408-619	Bid and Award Type A Chill Plts (PE006657)	17APR06A	30	26APR06A			0.00																															
1408-621	Fabr Chill Plts Type A for Coil a1	01JUN06A	0*	30JUN06A			6,032.40																															
1408-623	Fabr Chill Plts Type A for Coil a2	01JUN06A	51*	31AUG06A			6,032.40																															
1408-625	Fabr Chill Plts Type A for Coil a3	01JUN06A	51*	31AUG06A			6,032.40																															
1408-627	Fabr Chill Plts Type A for Coil a4	01JUN06A	51*	31AUG06A			6,032.40																															
1408-629	Fabr Chill Plts Type A for Coil a5	01JUN06A	51*	31AUG06A			6,032.40																															
1408-631	Fabr Chill Plts Type A for Coil a6	01JUN06A	51*	31AUG06A			6,032.40																															
1408-633	Submet Requisition for Type B Chill Plts	31JUL06A	5	31JUL06A			0.00																															
1408-635	Bid and Award Type B Chill Plts	01AUG06A	8	31AUG06A			0.00																															
1408-637	Fabr Chill Plts Type B for Coil b1	02OCT06*	20	27OCT06		155	5,755.20	■ 41=\$4.4k																														
1408-639	Fabr Chill Plts Type B for Coil b2	02OCT06*	20	27OCT06		312	5,755.20	■ 41=\$4.4k																														
1408-641	Fabr Chill Plts Type B for Coil b3	02OCT06*	20	27OCT06		220	5,755.20	■ 41=\$4.4k																														
1408-643	Fabr Chill Plts Type B for Coil b4	02OCT06*	20	27OCT06		247	5,755.20	■ 41=\$4.4k																														
1408-645	Fabr Chill Plts Type B for Coil b5	02OCT06*	20	27OCT06		266	5,755.20	■ 41=\$4.4k																														
1408-647	Fabr Chill Plts Type B for Coil b6	02OCT06*	20	27OCT06		293	5,755.20	■ 41=\$4.4k																														
+ Tubing																																						
		28NOV05A	41	31JAN06A			2,742.00																															
Epoxy																																						
1408-111	Epoxy - Requisition	01JAN05A	5	31JAN05A			0.00																															
1408-114	Epoxy -Evaluate Bids & Award	01MAY05A	10	31MAY05A			0.00																															
1408-117	Epoxy -1st Delivery for Production	31JAN06A	20	31JAN06A			20,565.00																															
1408-119	Epoxy -2nd Delivery for Production	01MAY06A	107*	29SEP06A			20,565.00	■ M&S= \$ 15 k																														
1408-121	Epoxy -3rd Delivery for Production	16JAN07	20	12FEB07		133	19,620.00	■ M&S= \$ 15 k																														
1408-123	Epoxy -4th Delivery for Production	16FEB07	20	15MAR07		130	19,620.00	■ M&S= \$ 15 k																														
1408-125	Epoxy -5th Delivery for Production	26APR07	20	23MAY07		118	19,620.00	■ M&S= \$ 15 k																														
1408-127	Epoxy -6th Delivery for Production	24MAY07	20	21JUN07		118	19,620.00	■ M&S= \$ 15 k																														
+ Clamps																																						
		01DEC05A	123	31MAY06A			370,170.00																															
Other																																						
1408-950	Buy new clamp hardware (bushings)	22DEC06*	22	30JAN07		144	22,236.00	■ 41=\$16k																														
174-035	Procure Modular Coil local Strain Gages	01MAR07*	5	07MAR07		136	26,160.00	■ 41=\$20k																														
174-036	Procure Modular Coil I&C Data Acq Controller	01MAR07*	5	07MAR07		136	52,320.00	■ 41=\$40k																														
174-037	Procure Modular Coil Thermocouples	01MAR07*	5	07MAR07		136	26,160.00	■ 41=\$20k																														
174-037.1	Procure FBG gages for one coil, no controller	01MAR07*	5	07MAR07		136	27,725.00	■ 41=20\$ k EM//EM =10hr ;																														
1408-038	PPPL Fab I&C Termination Boxes (36)	01FEB07*	20	28FEB07		145	3,133.20	■ em/tb=40																														
1408-174	Misc consumables (ETC update @\$12k/mo.)	02JAN07*	128*	29JUN07		563	94,176.00	■ 41=60\$ k ;																														
174-037.2	Tech shop hardware mods,fixes,machining etc	02JAN07*	128*	29JUN07		563	183,275.88	■ em/tb=2136 (356/mo.) perry=102 (17/mo.)																														

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 10 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1408-184	Vulcanizing tape, felt and RTV	03JAN06A	216*	03NOV06		724	30,001.58	M&S= \$ 22 k																																			
1408-137	Safety & PPE equipt & supplies	01MAY05A	415*	22DEC06		691	12,343.49	M&S= \$ 13 k																																			
1408-138	Misc. Supplies	01JUL05A	372*	22DEC06		691	9,485.43	M&S= \$ 12 k																																			
1408-173	Epoxy for Shell Mold (Hysol)	03JAN06A	249*	22DEC06		691	11,872.86	M&S= \$ 16 k																																			




Job: 1411 - MCWF Fabr. S005242-HEITZENROEDER

Contract Oversight and Title III

172-031	Title III engr	24MAY04A	340*	30SEP05A			76,273.90																																				
172-031.1	Title III engr	01OCT05A	350*	01MAR07		648	137,275.97	Heitzenroeder =640hr; travel=\$14k																																			
172-031.1X	Title III engr ORNL FY07	02OCT06*	165*	31MAY07		584	67,480.00	Williamson = 400hr ;																																			
172-031.2	Title III engr ORNL	01OCT05A	249*	29SEP06A			21,294.60	Williamson = 78 hr ; travel=\$8k																																			
FY05CV-23	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			275,000.00																																				

MCWF-001	EIO Project Mgt. & Reporting	29OCT04A	495*	29SEP06A			910,000.00	48=910 ;																																			
MCWF-001A	EIO Project Mgt. & Reporting AMEND #11	02OCT06	65*	29DEC06		709	129,250.00	48=129.246 ;																																			
MCWF-001B	EIO Project Mgt. & Reporting AMEND #12	02JAN07*	76*	17APR07		633	146,000.00	48=146 ;																																			
MCWF-011	Pattern A complete	29OCT04A	126*	01APR05A			290,125.00																																				
MCWF-021	Pattern B complete	01DEC04A	220*	30SEP05A			255,120.00																																				
MCWF-031	Major Tool Tooling Complete	29OCT04A	82*	28FEB05A			628,622.00																																				
MCWF-041	Materials (MetalTek)	29NOV04A	282*	31AUG05A			744,750.00																																				
MCWF-051	C1-MTK-casting upgrade	20DEC04A	63*	31MAR05A			146,248.12																																				
MCWF-061	C1-MTM - machining/inspection	01APR05A	136*	30SEP05A	M		159,560.00																																				
C-121.1	First MCWF C-1 Delivered		0	30SEP05A			0.00																																				
MCWF-071	C1-Receive at PPPL		0	03OCT05A			0.00																																				
MCWF-081	C2-MTK-casting	01APR05A	66*	27JUN05A			142,920.00																																				
MCWF-091	C2-MTM - machining/inspection	28JUN05A	125*	16DEC05A			169,040.00																																				
MCWF-101	C2-Receive at PPPL		0	16DEC05A			0.00																																				
MCWF-141	C3-MTK-casting	12MAY05A	102*	19SEP05A			142,920.00																																				
MCWF-151	C3-MTM - machining/inspection	20SEP05A	108*	27FEB06A			167,910.00																																				
MCWF-161	C3-Receive at PPPL		0	27FEB06A			45,000.00																																				
MCWF-201	C4-MTK-casting	16MAY05A	122*	31OCT05A			142,920.00																																				
MCWF-211	C4-MTM - machining/inspection	31OCT05A	102*	27MAR06A			167,910.00																																				
MCWF-221	C4-Receive at PPPL		0	27MAR06A			35,790.00																																				
MCWF-261	C5-MTK-casting	30MAY05A	128*	30NOV05A			142,920.00																																				
MCWF-271	C5-MTM - machining/inspection	01DEC05A	101*	28APR06A			167,910.00																																				
MCWF-281	C5-Receive at PPPL		0	28APR06A			38,480.00																																				
MCWF-111	A1-MTK-casting	22APR05A	116*	08SEP05A			142,710.00																																				
MCWF-121	A1-MTM - machining/inspection	09SEP05A	108*	01JUN06A			167,910.00																																				
MCWF-131	A1-Receive at PPPL		0	05JUN06A			34,480.00																																				

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 11 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
MCWF-171	A2-MTK-casting	17AUG05A	91*	23DEC05A			142,710.00																																				
MCWF-181	A2-MTM - machining/inspection	14NOV05A	156*	30JUN06A			167,910.00																																				
MCWF-191	A2-Receive at PPPL		0	30JUN06A			35,180.00																																				
MCWF-351	A3-MTK-casting	26SEP05A	84*	31JAN06A			142,710.00																																				
MCWF-361	A3-MTM - machining/inspection	01MAR06A	107*	27JUL06A			167,910.00																																				
MCWF-371	A3-Receive at PPPL		0	28JUL06A			34,510.00																																				
MCWF-231	B1-MTK-casting	16SEP05A	110*	28FEB06A			142,710.00																																				
MCWF-241	B1-MTM - machining/inspection	01MAR06A	159*	12OCT06		740	167,910.00																																				
MCWF-251	B1-Receive at PPPL		0	27SEP06A			8,900.00																																				
MCWF-381	A4-MTK-casting	15DEC05A	71*	14MAR06A			142,920.00																																				
MCWF-391	A4-MTM - machining/inspection	14MAR06A	176*	17NOV06		138	167,910.00																																				
MCWF-401	A4-Receive at PPPL		0	20NOV06		138	0.00																																				
MCWF-321	B2-MTK-casting	31JAN06A	64*	28APR06A			142,710.00																																				
MCWF-331	B2-MTM - machining/inspection	28APR06A	128*	27OCT06		297	167,910.00																																				
MCWF-341	B2-Receive at PPPL		0	01NOV06*		295	238,710.00																																				
MCWF-471	B3-MTK-casting	13FEB06A	65*	12MAY06A			142,920.00																																				
MCWF-481	B3-MTM - machining/inspection	18MAY06A	147*	15DEC06		144	167,910.00																																				
MCWF-491	B3-Receive at PPPL		0	18DEC06		144	12,000.00																																				
MCWF-501	B4-MTK-casting	28MAR06A	39*	25MAY06A			142,920.00																																				
MCWF-511	B4-MTM - machining/inspection	26MAY06A	168*	31JAN07		144	167,910.00																																				
MCWF-521	B4-Receive at PPPL		0	01FEB07		144	71,000.00																																				
MCWF-531	B5-MTK-casting	13APR06A	56*	30JUN06A			142,920.00																																				
MCWF-541	B5-MTM - machining/inspection	31JUL06A	153*	01MAR07		142	167,910.00																																				
MCWF-551	B5-Receive at PPPL		0	02MAR07		142	11,000.00																																				
MCWF-561	B6-MTK-casting	28APR06A	45*	30JUN06A			142,920.00																																				
MCWF-571	B6-MTM - machining/inspection	31JUL06A	167*	02APR07		147	167,910.00																																				
MCWF-581	B6-Receive at PPPL		0	03APR07		147	7,000.00																																				
MCWF-411	A5-MTK-casting	13JAN06A	45*	29MAR06A			142,920.00																																				
MCWF-421	A5-MTM - machining/inspection	01MAY06A	248*	26APR07		148	167,910.00																																				
MCWF-431	A5-Receive at PPPL		0	27APR07		148	6,000.00																																				
MCWF-441	A6-MTK-casting	31JAN06A	64*	20APR06A			142,710.00																																				
MCWF-451	A6-MTM - machining/inspection	01MAY06A	274*	04JUN07		149	155,000.00																																				
MCWF-461	A6-Receive at PPPL		0	05JUN07		149	4,000.00																																				
MCWF-291	C6-MTK-casting	16JUN05A	155*	03FEB06A			142,920.00																																				
MCWF-301	C6-MTM - machining/inspection	03APR06A	316*	05JUL07		146	167,910.00																																				
MCWF-311	C6-Receive at PPPL		0	06JUL07		146	5,000.00																																				

Run Date 06FEB07 13:25





	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09												
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
C-501B1	Last MCWF Delivered		0	06JUL07		559	0.00	<div style="text-align: center;"> <p>*****</p> <p>LAST MODULAR COIL WINDING FORM DELIVERED</p> <p>LEVEL 2 DOE MILESTONE</p> <p>SEPTEMBER 2007</p> <p>*****</p> </div>																																				
Job: 1460 - 3rd Winding Fixture-CHRZANOWSKI																																												
WINDFIX	3rd winding fixture	16OCT06*	48*	22DEC06	1	691	60,428.28	em//tb=316;41=13k; ea//sb=160																																				
Job: 1451 - Mod Coil Winding-CHRZANOWSKI																																												
Prior Costs																																												
FY05CV-25	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			81,000.00																																					
Station 1 Prep casting & Install Cladding																																												
C1RW	C1 rework	03OCT05A	5	07OCT05A	1		46,385.82																																					
C2RW	type C h/w rework	03APR06A	149*	29SEP06A	1		53,790.00	em//tb=660																																				
1451TRAIN	Training for winding teams	25JUL05A	3	29JUL05A			0.00																																					
P1-001	Rec C1, Prep& Instl Cladding>>@125% 1 shift	10OCT05A	23	24OCT05A	1		54,768.00																																					
P1-091	Receive C2, Prep& Instl Cladding	19DEC05A	26*	26JAN06A	1		44,336.00																																					
P2-091	Receive C3, Prep& Instl Cladding	03MAR06A	16	31MAR06A	1		44,336.00																																					
P3-091	Receive C4, Prep& Instl Cladding	28MAR06A	46*	10MAY06A	1		40,750.00																																					
P1-121	Receive C5, Prep& Instl Cladding	22MAY06A	29*	23JUN06A	1		40,750.00																																					
P2-001	Receive A1, Prep& Instl Cladding	19JUN06A	37*	09AUG06A	1		50,530.00																																					
P3-001	Receive A2, Prep& Instl Cladding	24AUG06A	25*	26SEP06A	2		40,750.00																																					
P3-031	Receive A3, Prep& Instl Cladding	12OCT06	11	26OCT06	2	98	39,165.00	EM//TB = 500 hrs																																				
P1-031	Receive B1, Prep& Instl Cladding	27OCT06	12	13NOV06	2	113	48,564.60	EM//TB = 620hrs																																				
P3-121	Receive A4, Prep& Instl Cladding	04JAN07*	16	25JAN07	2	114	39,165.00	EM//TB = 500 hrs																																				
P2-121	Receive B2, Prep& Instl Cladding	01DEC06*	16	22DEC06	2	276	39,165.00	EM//TB = 500 hrs																																				
P2-061	Receive B3, Prep& Instl Cladding	24JAN07*	11	07FEB07	2	124	39,165.00	EM//TB = 500 hrs																																				
P2-151	Receive B4, Prep& Instl Cladding	12MAR07*	11	26MAR07	2	118	39,165.00	EM//TB = 500 hrs																																				
P3-061	Receive B5, Prep& Instl Cladding	27MAR07	11	10APR07	2	126	39,165.00	EM//TB = 500 hrs																																				
P3-151	Receive B6, Prep& Instl Cladding	02MAY07*	11	16MAY07	2	127	39,165.00	EM//TB = 500 hrs																																				
P1-061	Receive A5, Prep& Instl Cladding	17MAY07*	11	01JUN07	2	135	39,165.00	EM//TB = 500 hrs																																				
P1-151	Receive A6, Prep& Instl Cladding	06JUN07	11	20JUN07	2	149	39,165.00	EM//TB = 500 hrs																																				
P2-031	Receive C6, Prep& Instl Cladding	09JUL07	11	23JUL07	2	146	39,165.00	EM//TB = 500 hrs																																				
Station 2-Winding, Instl Chill Plates,Tubing,Bag																																												
P1-011	Wind coil C1>>@150%	25OCT05A	63*	27JAN06A	2		118,093.50																																					
P1-011J	Complete Winding First Modular Coil		0	19DEC05A	2		0.00																																					
P1-020	Instl Chill Plates,Tubing, Bag C1>>@150%	31JAN06A	24*	03MAR06A	2		41,402.00																																					
P2-101	Wind coil C-3	31MAR06A	43*	15MAY06A	2		116,463.50																																					
P2-110	Instl Chill Plates,Tubing,Bag C3	16MAY06A	33*	21JUN06A	2		48,655.50																																					

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 13 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
P1-131	Wind coil C5	23JUN06A	37*	30AUG06A	2		99,593.00																																				
P1-140	Instl Chl Plates,Tubing, Bag C5	30AUG06A	21*	26SEP06A	2		48,655.50																																				
P3-011	Wind coil A2	27SEP06A	29	07NOV06	2	102	99,488.46	EM//TB = 1,265 hrs																																			
P3-020	Instl Chill Plates,Tubing, Bag A2	08NOV06	15	30NOV06	2	102	46,763.01	EM//TB = 597 hrs																																			
P1-041	Wind coil B1	01DEC06	31	22JAN07	2	102	99,087.45	EM//TB = 1,265 hrs																																			
P1-050	Instl Chl Plates,Tubing, Bag B1	23JAN07	15	12FEB07	2	102	46,763.01	EM//TB = 597 hrs																																			
P3-131	Wind coil A4	13FEB07	31	27MAR07	2	102	99,087.45	EM//TB =1265 hrs																																			
P3-140	Instl Chl Plates,Tubing, Bag A4	28MAR07	15	17APR07	2	102	46,763.01	EM//TB = 597 hrs																																			
P2-161	Wind coil B4	18APR07	31	31MAY07	2	102	99,087.45	EM//TB = 1,265 hrs																																			
P2-170	Instl Chill Plates,Tubing,Bag B4	01JUN07	15	21JUN07	2	102	46,763.01	EM//TB = 597 hrs																																			
P3-161	Wind coil B6	22JUN07	31	06AUG07	2	102	99,087.45	EM//TB = 1,265 hrs																																			
P3-170	Instl Chill Plates,Tubing,Bag B6	07AUG07	15	27AUG07	2	102	46,763.01	EM//TB = 597 hrs																																			
P1-161	Wind coil A6	28AUG07	31	10OCT07	2	102	96,416.64	EM//TB = 1,216hrs																																			
P1-170	Instl Chill Plates,Tubing,Bag A6	11OCT07	15	31OCT07	2	102	35,117.40	EM//TB = 428 hrs																																			
Station 4-Winding, Instl Chill Plates,Tubing,Bag																																											
P1-101	Wind coil C-2>>@125%	27JAN06A	46*	31MAR06A	2		116,463.50																																				
P1-110	Instl Chill Plates,Tubing,Bag C2	01APR06A	42*	09MAY06A	2		48,655.50																																				
P3-101	Wind coil C4	11MAY06A	38*	06JUL06A	2		99,593.00																																				
P3-110	Instl Chill Plates,Tubing, Bag C4	06JUL06A	25*	10AUG06A	2		48,655.50																																				
P2-011	Wind coil A1	11AUG06A	34*	26SEP06A	2		103,097.50																																				
P2-020	Instl Chill Plates,Tubing, Bag A1	26SEP06A	15	20OCT06	2	102	47,161.43	EM//TB = 597 hrs																																			
P3-041	Wind coil A3	27OCT06	31	12DEC06	2	98	99,087.45	EM//TB = 1,265 hrs																																			
P3-050	Instl Chl Plates,Tubing, Bag A3	13DEC06	15	10JAN07	2	98	46,763.01	EM//TB = 597 hrs																																			
P1-071	Wind coil B2	11JAN07	31	22FEB07	2	98	99,087.45	EM//TB = 1,265 hrs																																			
P1-080	Instl Chl Plates,Tubing,Bag B2	23FEB07	15	15MAR07	2	98	46,763.01	EM//TB = 597 hrs																																			
P2-071	Wind coil B3	16MAR07	31	27APR07	2	98	99,087.45	EM//TB =1265 hrs																																			
P2-080	Instl Chill Plates,Tubing,Bag B3	30APR07	15	18MAY07	2	98	46,763.01	EM//TB = 597 hrs																																			
P3-071	Wind coil B5	21MAY07	31	03JUL07	2	98	99,087.45	EM//TB =1265 hrs																																			
P3-080	Instl Chill Plates,Tubing,Bag B5	05JUL07	15	25JUL07	2	98	46,763.01	EM//TB = 597 hrs																																			
P2-131	Wind coil A5	26JUL07	31	07SEP07	2	98	99,087.45	EM//TB =1265 hrs																																			
P2-140	Instl Chl Plates,Tubing, Bag A5	10SEP07	15	28SEP07	2	98	46,763.01	EM//TB = 597 hrs																																			
P2-041	Wind coil C6	01OCT07	31	12NOV07	2	98	99,772.80	EM//TB =1216hrs																																			
P2-050	Instl Chl Plates,Tubing, Bag C6	13NOV07	15	05DEC07	2	98	35,117.40	EM//TB = 428 hrs																																			
Station 5-VPI																																											
P1-021V	VPI (Station 5) C1	06MAR06A	6*	13MAR06A	2		26,732.00																																				
P1-111V	VPI (Station 5) C2	22MAY06A	4*	31MAY06A	2		24,042.50																																				
P1-111VCU	Cleanup and Ready Autoclave	03JUN06A	8	30JUN06A	1		13,040.00																																				
P2-111V	VPI (Station 5) C3	24JUL06A	8	31JUL06A	2		24,042.50																																				
P2-111VCU	Cleanup and Ready Autoclave	01AUG06A	4*	09AUG06A	1		13,040.00																																				

Run Date 06FEB07 13:25

ECP53 BASELINE
 zECP-52
 Progress Bar
 Critical Activity





EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 14 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
P3-111V	VPI (Station 5) C4	10AUG06A	12*	31AUG06A	2		24,042.50																																				
P3-111VCU	Cleanup and Ready Autoclave	11SEP06A	8	22SEP06A	1		13,040.00																																				
P1-141V	VPI (Station 5) C5	27SEP06A	7	10OCT06	2	166	23,387.90	EM//TB = 295 hrs																																			
P1-141VCU	Cleanup and Ready Autoclave	11OCT06	8	20OCT06	1	166	12,532.80	EM//TB = 160 hrs																																			
P2-021V	VPI (Station 5) A1	23OCT06	7	31OCT06	2	166	23,107.35	EM//TB = 295 hrs																																			
P2-021VCU	Cleanup and Ready Autoclave	01NOV06	8	10NOV06	1	166	12,532.80	EM//TB = 160 hrs																																			
P3-021V	VPI (Station 5) A2	01DEC06	7	11DEC06	2	154	23,107.35	EM//TB = 295 hrs																																			
P3-021VCU	Cleanup and Ready Autoclave	12DEC06	8	21DEC06	1	154	12,532.80	EM//TB = 160 hrs																																			
P3-051V	VPI (Station 5) A3	11JAN07	7	19JAN07	2	146	23,107.35	EM//TB = 295 hrs																																			
P3-051VCU	Cleanup and Ready Autoclave	22JAN07	8	31JAN07	1	146	12,532.80	EM//TB = 160 hrs																																			
P1-051V	VPI (Station 5) B1	13FEB07	7	21FEB07	2	138	23,107.35	EM//TB = 295 hrs																																			
P1-051VCU	Cleanup and Ready Autoclave	22FEB07	8	05MAR07	1	138	12,532.80	EM//TB = 160 hrs																																			
P3-141V	VPI (Station 5) A4	18APR07	7	26APR07	2	126	23,107.35	EM//TB = 295 hrs																																			
P3-141VCU	Cleanup and Ready Autoclave	27APR07	12	14MAY07	1	126	12,532.80	EM//TB = 160 hrs																																			
P2-141V	VPI (Station 5) B2	16MAR07	7	26MAR07	2	130	23,107.35	EM//TB = 295 hrs																																			
P2-141VCU	Cleanup and Ready Autoclave	27MAR07	12	11APR07	1	130	12,532.80	EM//TB = 160 hrs																																			
P2-081V	VPI (Station 5) B3	21MAY07	7	30MAY07	2	122	23,107.35	EM//TB = 295 hrs																																			
P2-081VCU	Cleanup and Ready Autoclave	31MAY07	12	15JUN07	1	122	12,532.80	EM//TB = 160 hrs																																			
P3-081V	VPI (Station 5) B4	22JUN07	7	02JUL07	2	118	23,107.35	EM//TB = 295 hrs																																			
P3-081VCU	Cleanup and Ready Autoclave	03JUL07	12	19JUL07	1	118	12,532.80	EM//TB = 160 hrs																																			
P2-171V	VPI (Station 5) B5	26JUL07	7	03AUG07	2	114	23,107.35	EM//TB = 295 hrs																																			
P2-171VCU	Cleanup and Ready Autoclave	06AUG07	12	21AUG07	1	114	12,532.80	EM//TB = 160 hrs																																			
P3-171V	VPI (Station 5) B6	28AUG07	7	06SEP07	2	110	23,107.35	EM//TB = 295 hrs																																			
P3-171VCU	Cleanup and Ready Autoclave	07SEP07	12	24SEP07	1	110	12,532.80	EM//TB = 160 hrs																																			
P1-081V	VPI (Station 5) A5	01OCT07	7	09OCT07	2	106	13,456.20	EM//TB = 164 hrs																																			
P1-081VCU	Cleanup and Ready Autoclave	10OCT07	12	25OCT07	1	106	13,128.00	EM//TB = 160 hrs																																			
P1-171V	VPI (Station 5) A6	01NOV07	7	09NOV07	2	102	13,456.20	EM//TB = 164 hrs																																			
P1-171VCU	Cleanup and Ready Autoclave	12NOV07	12	27NOV07	1	102	13,128.00	EM//TB = 160 hrs																																			
P2-051V	VPI (Station 5) C6	06DEC07	7	14DEC07	2	98	13,456.20	EM//TB = 164 hrs																																			
P2-051VCU	Cleanup and Ready Autoclave	17DEC07	12	10JAN08	1	435	13,128.00	EM//TB = 160 hrs																																			
Station 1B Final Clamp Installation																																											
P1-021C	Final Clamps & Warm Test (Station1) C1	14MAR06A	5*	28MAR06A	1		12,388.00																																				
P1-021.1	Complete First Mod Coil Fabrication C1		0	28MAR06A	1		0.00																																				
P1-111C	Final Clamps & Warm Test (Station1) C2	01JUN06A	84*	15SEP06A	1		13,040.00																																				
P2-111C	Final Clamps & Warm Test (Station1) C3	09AUG06A	6*	24AUG06A	1		13,040.00																																				
P3-111C	Final Clamps & Warm Test (Station1) C4	27SEP06A	8	11OCT06	1	98	12,671.13	EM//TB = 160 hrs																																			
P1-141C	Final Clamps & Warm Test (Station1) C5	14NOV06	8	27NOV06	1	208	12,532.80	EM//TB = 160 hrs																																			

Run Date 06FEB07 13:25

 ECP53 BASELINE
 zECP-52
 Progress Bar
 Critical Activity





EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 15 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
P2-021C	Final Clamps & Warm Test (Station1) A1	26JAN07	8	06FEB07	1	171	12,532.80	EM/TB = 160 hrs																																			
P3-021C	Final Clamps & Warm Test (Station1) A2	07FEB07	8	16FEB07	1	171	12,532.80	EM/TB = 160 hrs																																			
P3-051C	Final Clamps & Warm Test (Station1) A3	22JAN07	8	31JAN07	1	262	12,532.80	EM/TB = 160 hrs																																			
P1-051C	Final Clamps & Warm Test (Station1) B1	11APR07	8	20APR07	1	125	12,532.80	EM/TB = 160 hrs																																			
P3-141C	Final Clamps & Warm Test (Station1) A4	27APR07	8	08MAY07	1	195	12,532.80	EM/TB = 160 hrs																																			
P2-141C	Final Clamps & Warm Test (Station1) B2	27MAR07	8	05APR07	1	141	12,532.80	EM/TB = 160 hrs																																			
P2-081C	Final Clamps & Warm Test (Station1) B3	31MAY07	8	11JUN07	1	177	12,532.80	EM/TB = 160 hrs																																			
P3-081C	Final Clamps & Warm Test (Station1) B4	03JUL07	8	13JUL07	1	149	12,532.80	EM/TB = 160 hrs																																			
P3-171C	Final Clamps & Warm Test (Station1) B5	06AUG07	8	15AUG07	1	180	12,532.80	EM/TB = 160 hrs																																			
P2-171C	Final Clamps & Warm Test (Station1) B6	07SEP07	9	19SEP07	1	156	9,399.60	EM/TB = 120 hrs																																			
P1-081C	Final Clamps & Warm Test (Station1) A5	10OCT07	8	19OCT07	1	129	9,846.00	EM/TB = 120 hrs																																			
P1-171C	Final Clamps & Warm Test (Station1) A6	12NOV07	8	21NOV07	1	106	9,846.00	EM/TB = 120 hrs																																			
P2-051C	Final Clamps & Warm Test (Station1) C6	17DEC07	8	04JAN08	1	98	9,846.00	EM/TB = 120 hrs																																			
LOE Oversight & Supervision																																											
1451EC5301	Historical experience OT.	02JAN07*	20	29JAN07		671	44,616.00	31=26 ;																																			
1451EC5302	Historical experience OT.	01FEB07*	20	28FEB07		649	58,344.00	31=34 ;																																			
1451EC5303	Historical experience OT.	01MAR07*	20	28MAR07		629	87,516.00	31=51 ;																																			
1451EC5304	Historical experience OT.	02APR07*	20	27APR07		607	58,344.00	31=34 ;																																			
1451EC5305	Historical experience OT.	01MAY07*	20	29MAY07		586	58,344.00	31=34 ;																																			
1451EC5306	Historical experience OT.	01JUN07*	20	28JUN07		564	58,344.00	31=34 ;																																			
1451EC5350	Oversight and supervision increment	02JAN07*	128	29JUN07		563	16,271.10	CHRZANOWSKI =32hr ; RAFTOPOLOUS =58hr ;																																			
1452EC5313	Historical experience labor	01MAR07*	20	28MAR07		629	46,998.00	EM/TB =600hr ;																																			
171-000	Winding Preparations (LOE) FY05	01AUG05A	49*	30SEP05A			53,382.29																																				
171-040	Winding Oversight (LOE)	10OCT05A	535*	27NOV07		458	693,953.39	EA/EM Chrzanowski @ 70%=2470 EA/EM Raftopolous @40%=1420																																			
171-041	Tech Supervision	10OCT05A	535*	27NOV07		458	318,358.85	EM/SM (Meighan) @ 70%=2470																																			
SSD-ST2	Second shift cost differential	25OCT05A	524*	27NOV07		458	77,500.00	81=32\$k ; 81=46\$k ;																																			
SSD-ST3	Second shift cost differential	27JAN06A	463*	26NOV07		459	77,500.00	81=32\$k ; 81=46\$k ;																																			
SSD-ST4	Planned overtime (due to 10hr 1st shift)	03APR06A	417*	26NOV07		459	120,649.95	31=70 ;																																			
SSD-ST4.1	Unplanned overtime and rework	03APR06A	417*	26NOV07		459	120,649.95	31=70 ;																																			
TITLE3W	Titel III Design ORNL- Component Fab & WINDING	10OCT05A	244*	29SEP06A			82,214.50	williams=255 ornl travel=\$12k																																			
TITLE3F	Titel III Design ORNL- Component Fab & WINDING	02OCT06*	290*	26NOV07		459	133,250.52	FOGARTY=583; Williamson=116 ornl travel=\$14.5k																																			
FY07 Rebaseline Exercise																																											
ECP53RBX06	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	2,169.48	EA/EM =12hr ;																																			
Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI																																											
Co-wound loop termination box installation																																											
1459-013	Install Co-wound loop term boxes- A1	25MAY07	1	25MAY07		84	1,253.28	em/tb=16																																			
1459-019	Install Co-wound loop term boxes- B1	25MAY07	1	25MAY07		84	1,253.28	em/tb=16																																			

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

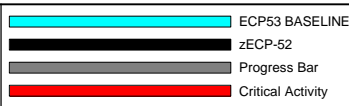
EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 16 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1459-106	Replace Poloidal break h/w on C4	02OCT06*	20	27OCT06		284	1,253.28	EM/TB = 16																																			
1459-108	Replace Poloidal break h/w on C5	02OCT06*	20	27OCT06		333	1,253.28	EM/TB = 16																																			
Casting plugs																																											
1459-150	Repair/install casting plugs C1 (by tech shop)	02MAR07*	2	05MAR07		143	2,506.56	EM/TB = 32																																			
Rogowski Coil Installation																																											
1459-700	Install Rogowski coil C2	19FEB07	1	19FEB07		138	1,253.28	EM/TB = 16																																			
1459-702	Install Rogowski coil C3	19FEB07	1	19FEB07		209	1,253.28	EM/TB = 16																																			
Excess material removal/Grinding work																																											
1459-200	Grinding C1 (by tech shop)	02MAR07*	1	02MAR07		128	1,253.28	EM/TB = 16																																			
1459-202	Grinding C2 (by tech shop)	05MAR07	1	05MAR07		128	1,253.28	EM/TB = 16																																			
1459-204	Grinding C3 (by tech shop)	06MAR07	1	06MAR07		198	1,253.28	EM/TB = 16																																			
Bat Insulation installation																																											
1459-400	Install bat insulation C1	16APR07	1	16APR07		128	1,253.28	EM/TB = 16																																			
1459-402	Install bat insulation C2	04MAY07	1	04MAY07		84	1,253.28	EM/TB = 16																																			
1459-404	Install bat insulation C3	18JUL07	1	18JUL07		104	1,253.28	EM/TB = 16																																			
1459-406	Install bat insulation C4	02AUG07	1	02AUG07		95	1,253.28	EM/TB = 16																																			
1459-408	Install bat insulation C5	24AUG07	1	24AUG07		128	1,253.28	EM/TB = 16																																			
1459-410	Install bat insulation A1	29MAY07	1	29MAY07		84	1,253.28	EM/TB = 16																																			
1459-412	Install bat insulation A2	04MAY07	1	04MAY07		84	1,253.28	EM/TB = 16																																			
1459-414	Install bat insulation A3	18JUL07	1	18JUL07		104	1,253.28	EM/TB = 16																																			
1459-416	Install bat insulation B1	29MAY07	1	29MAY07		84	1,253.28	EM/TB = 16																																			
1459-418	Install bat insulation A4	02AUG07	1	02AUG07		95	1,253.28	EM/TB = 16																																			
1459-420	Install bat insulation B2	04MAY07	1	04MAY07		84	1,253.28	EM/TB = 16																																			
1459-422	Install bat insulation B3	18JUL07	1	18JUL07		104	1,253.28	EM/TB = 16																																			
1459-424	Install bat insulation B4	02AUG07	1	02AUG07		95	1,253.28	EM/TB = 16																																			
1459-426	Install bat insulation B5	24AUG07	1	24AUG07		128	1,253.28	EM/TB = 16																																			
1459-428	Install bat insulation B6	22OCT07*	1	22OCT07		88	1,312.80	EM/TB = 16																																			
1459-430	Install bat insulation A5	24AUG07	1	24AUG07		128	1,253.28	EM/TB = 16																																			
1459-432	Install bat insulation A6	22OCT07	1	22OCT07		88	1,312.80	EM/TB = 16																																			
1459-434	Install bat insulation C6	22OCT07	1	22OCT07		88	1,312.80	EM/TB = 16																																			
Clamp Modifications																																											
1459-600	Clamp mods C1	31JAN07	2	01FEB07		144	1,566.60	EM/TB = 32																																			
1459-602	Clamp mods C2	08FEB07	2	09FEB07		144	1,566.60	EM/TB = 32																																			
1459-604	Clamp mods C3	14FEB07	2	15FEB07		211	1,566.60	EM/TB = 32																																			
1459-606	Clamp mods C4	16FEB07	2	19FEB07		211	1,566.60	EM/TB = 32																																			
1459-608	Clamp mods C5	20FEB07	2	21FEB07		258	1,566.60	EM/TB = 32																																			
1459-610	Clamp mods A1	02FEB07	2	05FEB07		144	1,566.60	EM/TB = 32																																			
1459-612	Clamp mods A2	06FEB07	2	07FEB07		144	1,566.60	EM/TB = 32																																			
1459-614	Clamp mods A3	12FEB07	2	13FEB07		211	1,566.60	EM/TB = 32																																			

Run Date 06FEB07 13:25



 ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity





ECP53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 18 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
Bearing Plate Installation																																											
1459-650	Bearing Plate Installation C4	02OCT06	1	02OCT06		303	1,253.28	EM//TB = 16																																			
1459-652	Bearing Plate Installation C5	02OCT06	1	02OCT06		352	1,253.28	EM//TB = 16																																			
Additional bolt/stud holes																																											
1459-HOLES	Addl holes in winding forms 3md+\$300/holex78	06MAR07*	146	28SEP07		500	177,240.96	EM//TB = 1872 41=\$23.4k																																			
Measure as-built coils																																											
1459-MEAS1	Measure 2 flanges on one coil	06MAR07*	5	12MAR07		641	1,253.28																																				
1459-MEAS	Measure as-built coils (2md x 18)	06MAR07*	227*	01FEB08		419	22,941.33																																				
SSD-ST5	Misc tech shop support (ecp52)	01MAY06A	397*	26NOV07		459	175,050.84	em/tb=2200																																			
SSD-ST6	Misc tech shop support (ecp53)	02JAN07*	22	31JAN07		669	5,483.10	EM//TB =70hr ;																																			
SSD-ST7	Misc tech shop support (ecp53)	02FEB07*	19	28FEB07		649	5,483.10	EM//TB =70hr ;																																			
SSD-ST8	Misc tech shop support (ecp53)	02MAR07*	21	30MAR07		627	8,224.65	EM//TB =105hr ;																																			
SSD-ST9	Misc tech shop support (ecp53)	02APR07*	19	26APR07		608	5,483.10	EM//TB =70hr ;																																			
SSD-ST10	Misc tech shop support (ecp53)	01MAY07*	19	25MAY07		587	5,483.10	EM//TB =70hr ;																																			
SSD-ST11	Misc tech shop support (ecp53)	01JUN07*	19	27JUN07		565	5,483.10	EM//TB =70hr ;																																			
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	007012		35,507.90																																				
1403-16	Assembly bolts, nuts, washers	01OCT04A	496*	31JUL06A	007012		16,858.96																																				
1403-17	Assembly shims	01OCT04A	332*	31JUL06A	007012		20,557.93																																				
1403-18	Eccentric ball assembly	08NOV04A	471*	31JUL06A	007012		22,616.72																																				
1403-19	Top assembly dwgs for mod coil shell	01OCT04A	332*	31JUL06A	007012		24,684.03																																				
1403-19A	Bladder Details	01JUL05A	146*	30NOV05A	007012		9,411.15																																				
1421-10	add'l analysis of coil to coil joints/friction	01MAY06A	123*	31JUL06A	007012		2,699.20																																				
FY06CV-111	ECP45 FY06 cv	01OCT05A	251*	30MAR06A	007012		-89,310.00																																				
3 Point positioning hardware																																											
IH1-005	review requirements, as-built casting features	01SEP06A	62*	30NOV06A	007012		3,374.00	goranson=40																																			
Shear plate and shims																																											
IH4-005	Complete testing	01SEP06A	46*	06NOV06		703	13,496.00	freudenberg=80																																			
IH4-010	Finalize design, select material	02NOV06*	10	15NOV06		696	20,244.00	FREUDENBERG =40hr ; WILLIAMSON =80hr ;																																			
IH4-015	Review for approval to proceed	26FEB07*	20*	23MAR07		632	3,374.00	ORNLEM =20hr ;																																			
IH4-020	Prepare dwgs and release	12FEB07	30	23MAR07		632	47,236.00	LOVETT =240hr ; ORNLEM =40hr ;																																			
IH4-025	Issue dwgs for Fabrication		0	23MAR07		632	0.00																																				
Top Assy drawings																																											
IH5-020	Finish 3-coil top assembly	22DEC06*	43*	28FEB07		166	26,992.00	LOVETT =120hr ; MCGINNIS =40hr ;																																			
IH5-021	Finish 6-coil top assembly	12FEB07*	56*	30APR07		158	20,244.00	LOVETT =80hr ; MCGINNIS =40hr ;																																			
IH5-022	Finish 18-coil top assembly	12MAR07*	79*	29JUN07		364	13,496.00	LOVETT =40hr ; MCGINNIS =40hr ;																																			
IH5-025	Develop as-built model and drawing format	10MAY07*	36	29JUN07		563	6,748.00	MCGINNIS =40hr ;																																			

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

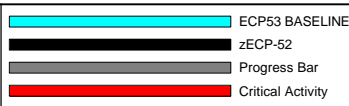
ECP53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 19 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
IH5-030	Complete assembly spec	22JAN07*	28*	28FEB07		166	0.00	■ ORNLEM =00hr ;																																			
Other insulation over wings																																											
IH6-005	Finalize requirements	11SEP06A	34	13NOV06		682	2,699.20	■ williamson=16																																			
IH6-006	perform application tests of epoxy, glass	02JAN07*	24*	02FEB07		667	2,699.20	■ WILLIAMSON =16hr ;																																			
IH6-010	finalize design	01NOV06*	65*	09FEB07		626	6,073.20	■ WILLIAMSON =36hr ;																																			
IH6-015	Review for approval to proceed	12FEB07	10	23FEB07		626	0.00	▼																																			
IH6-020	Prepare dwgs and release	26FEB07	5*	02MAR07		626	20,244.00	■ LOVETT =120hr ;																																			
IH6-021	Procure materials for 1st FPA	05MAR07	21	02APR07		626	0.00	■ LOVETT =00hr ;																																			
Bladder Tests																																											
1421-3002	Test plan, Setup test fixt. Order matl	15JAN07*	5	19JAN07		125	8,770.40	■ DUDEK =16hr ;em/tb=80																																			
1421-3004	Rvw struct analyses. Verify perf of Teflon bladge	22JAN07*	5	26JAN07		125	7,231.60	■ FAN =40hr ;																																			
1421-3006	Perform Tests to develop epoxy filling techniq	29JAN07	5	02FEB07		125	8,770.40	■ DUDEK =16hr ; KEARNS =40hr ; ■ SMITH =40hr ;																																			
1421-3019	Determ if "one size fits all"& bladder dwgs	22JAN07*	10	02FEB07		152	13,496.00	■ WILLIAMSON =80hr ;																																			
1421-3011	Test 1/2" bag with CTD, Stycast 2850	05FEB07*	2	06FEB07		125	2,506.56	kearns=16; smith=16																																			
1421-3012	Fill & Test Teflon bladder to determine properti	09MAR07*	5	15MAR07		103	10,022.40	■ DUDEK =24hr ; KEARNS =40hr ; ■ SMITH =40hr ;																																			
1421-3016	Procure/fab prototype bladder for C-C installati	16MAR07	15	05APR07		103	8,334.00	■ DUDEK =24hr ; M&S (\$) =3.5\$K ;																																			
1421-3021	Conduct FDR of bladder design	13APR07	1	13APR07		103	1,349.60	■ WILLIAMSON =08hr ;																																			
1421-3023	Resolve FDR issues, release proc dwgs for fab	16APR07	5	20APR07		109	6,748.00	■ WILLIAMSON =40hr ;																																			
1421-3025	Procure bladders for first FPA (2 ea)	23APR07	20	18MAY07		109	10,296.00	■ DUDEK =24hr ; M&S (\$) =05\$K ;																																			
1421-3028	Bladders available for FPA		0	18MAY07		109	0.00	▼																																			
IH2-030.01	Finalize Requirements	01DEC06A	31*	22JAN07A	007012		9,390.00	■																																			
IH2-030.02	Procure Samples	01DEC06A	15*	22DEC06A	007012		5,746.00	■																																			
IH2-030.03	Epoxy Fill Equipment	01DEC06A	15*	22DEC06A	007012		7,568.00	■																																			
Bushing Test																																											
1421-3094	Schemes for tight fit bushing Prepare sketches.	22JAN07*	5	26JAN07		129	6,748.00	■ WILLIAMSON =40hr ;																																			
1421-3095	Review and Catalog	29JAN07*	5	02FEB07		667	0.00	■ viola																																			
1421-3096	Procure bushing materials for tests. Fabricate	29JAN07*	15	16FEB07		129	28,851.60	■ DUDEK =24hr ; M&S (\$) =12\$K ;em/tb=120																																			
1421-3099	Procure tools&materials required f/ bushing assy	29JAN07	15	16FEB07		129	10,296.00	■ DUDEK =24hr ; M&S (\$) =5\$K ;																																			
1421-3102	Trial bushing installations on a production coil	19FEB07	10	02MAR07		129	15,666.00	■ em/tb=200 ;																																			
1421-3104	Doc. test results. Select bushing config. Peer r	05MAR07	5	09MAR07		129	0.00	■ VIOLA																																			
1421-3106	Proc bushing matls for assy operations. Fab bush	12MAR07	30	20APR07		129	49,536.00	■ DUDEK =24hr ; M&S (\$) =35\$K ;																																			
1421-3109	Bushings available for FPA operations		0	20APR07		129	0.00	▼																																			
Tension Tests of Bolted Joint																																											
IH3-005	review and finalize structural requirements	01SEP06A	97*	26JAN07		139	10,122.00	■ ORNLEM =60hr ;																																			
IH3-005A	Develop bushing install schemes, sketch	02JAN07*	24*	02FEB07		134	6,748.00	■ ORNLEM =40hr ;																																			
IH3-006	Check access for installation	01DEC06A	38	12DEC06A	007012		6,748.00	■																																			
IH3-006A	Layout hyd tensioner, UT insp scheme	09JAN07*	19*	02FEB07		134	13,008.00	■ EM//EM =40hr ; ORNLEM =40hr ;																																			
IH3-015	Review for approval to proceed		0	07FEB07		131	0.00	▼ ■ ORNLEM =00hr ;																																			

Run Date 06FEB07 13:25



 ■ ECP53 BASELINE

 ■ zECP-52

 ■ Progress Bar

 ■ Critical Activity

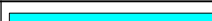



EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 20 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
IH5-005	Identify all stud, bushing, sperial washer, i	01NOV06A	15	21NOV06A	07012		2,699.20	■ GORANSON =16hr ;																																			
IH5-010	Prepare advanced procurement dwgs calling out	02JAN07*	27*	07FEB07		131	10,122.00	■ MCGINNIS =60hr ;																																			
IH5-015	Issue specs/dwgs for procurement (studs, bushi		0	07FEB07			0.00	▼																																			
1421-3052	Choose tools for tightening nuts	22JAN07*	5	26JAN07		106	0.00	■ BROOKS =80hr ;																																			
1421-3053	Geometry of high COF shims/studs Low CTE washers	22JAN07*	10	02FEB07		101	14,463.20	■ WILLIAMSON =40hr ;																																			
1421-3055	Dwg for hydr. tensioners& UT inspect. # each len	12FEB07*	5	16FEB07		96	6,748.00	■ WILLIAMSON =80hr ;																																			
1421-3057	Estimates for nuts, studs, washers of different	22JAN07*	10	02FEB07		124	13,496.00	■ WILLIAMSON =80hr ;																																			
1421-3059	Procurement drawings. Peer rvw long lead procur	19FEB07	10	02MAR07		114	13,496.00	■ WILLIAMSON =80hr ;																																			
1421-3061	Procure nuts studs and washers for start of FPA	05MAR07*	50	11MAY07		114	580,756.00	■ DUDEK =24hr ; 41=250\$; 48= 250\$																																			
1421-3064	Nuts, studs, and washers available for FPA		0	11MAY07		114	0.00	▼																																			
1421-3065	Dwgs prototyp bolted joint f/tapped hole&through	19FEB07*	5	23FEB07		96	6,748.00	■ WILLIAMSON =40hr ;																																			
1421-3067	Procure/fab parts f/joint test.Use existing part	26FEB07*	15	16MAR07		96	26,479.20	■ DUDEK =24hr ; M&S (\$) =03\$; em/tb=240																																			
1421-3070	Procure tools for tightening nuts	29JAN07	30	09MAR07		116	82,236.00	■ DUDEK =24hr ; M&S (\$) =60\$;																																			
1421-3073	Develop design of test fixture and instrumentati	19MAR07*	5	23MAR07		96	9,393.20	■ GETTELFINGER =40hr ; em/tb=40																																			
1421-3075	Setup test fixture &perform JHA & pre-job brief	26MAR07	10	06APR07		96	25,052.80	■ GETTELFINGER =80hr ; em/tb=160																																			
1421-3077	Meas joint deflect vs preload & loss of preload	09APR07	3	11APR07		96	5,635.92	■ GETTELFINGER =24hr ; em/tb=24																																			
1421-3079	Measure joint deflec & preload v. temp @80K	12APR07	3	16APR07		96	5,635.92	■ GETTELFINGER =24hr ; em/tb=24																																			
1421-3081	Meas joint deflect & preload v. time (days) at R	09APR07	20	04MAY07		114	37,572.80	■ GETTELFINGER =160hr ; em/tb=160																																			
1421-3084	Measure joint deflection&preload v. cooldown cyc	17APR07	3	19APR07		96	5,635.92	■ GETTELFINGER =24hr ; em/tb=24																																			
1421-3087	Perform pullout tests for tapped holes	20APR07	3	24APR07		96	5,635.92	■ GETTELFINGER =24hr ; em/tb=24																																			
1421-3090	Document&conduct review of test results	07MAY07	5	11MAY07		114	6,260.00	■ GETTELFINGER =40hr ;																																			
Bolt Shear Test at 77k																																											
1421-3111B	design,dwgs of test fixture, test plan	02JAN07*	33*	15FEB07		127	16,870.00	■ ORNLEM =100hr ;																																			
1421-3112B	Procure/fab parts for test&initial assembly	16FEB07*	20	15MAR07		127	33,324.00	■ M&S (\$) =10\$; ORNLEM =120hr ;																																			
1421-3115B	Assemble & test	16MAR07	12	02APR07		127	20,244.00	■ ORNLEM =120hr ;																																			
1421-3119B	Document test results	03APR07	11	17APR07		127	3,374.00	■ ORNLEM =20hr ;																																			
Complete Design of MC Interface																																											
IH1-001	Coil to coil analysis	13OCT06*	76*	07FEB07		176	33,740.00	■ freudenberg=200																																			
1421-3123	Establish design criteria for bolted joints	22JAN07*	5	26JAN07		169	7,231.60	■ FAN =40hr ;																																			
1421-3125	Determine geometry&location of high COF shims&pl	22JAN07*	10	02FEB07		164	14,463.20	■ BROOKS =80hr ;																																			
1421-3127	Structural analyses to performance rqmts for bol	22JAN07*	10	02FEB07		164	27,959.20	■ BROOKS =80hr ; FREUDENBERG =80hr ;																																			
1421-3130	Define reference bolted joint design	22JAN07*	5	26JAN07		169	6,748.00	■ WILLIAMSON =40hr ;																																			
1421-3132	PDR to review requirements, design,&development		0	02FEB07		164	0.00	▼ WILLIAMSON =00hr ;																																			
1421-3134	Develop specs & dwgs for station 2 &3 assy	26MAR07	15	13APR07		129	20,244.00	■ COLE =120hr ;																																			
1421-3136	Conduct MC interface FDR		0	17APR07		127	0.00	▼ WILLIAMSON =00hr ;																																			
1421-3138	Resolve issues, release assembly spec&drawings	18APR07	5	24APR07		127	6,748.00	■ WILLIAMSON =40hr ;																																			
FY07 Rebaseline Exercise																																											
ECP53RBX05	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	5,398.40	■ ORNLEM =32hr ;																																			

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

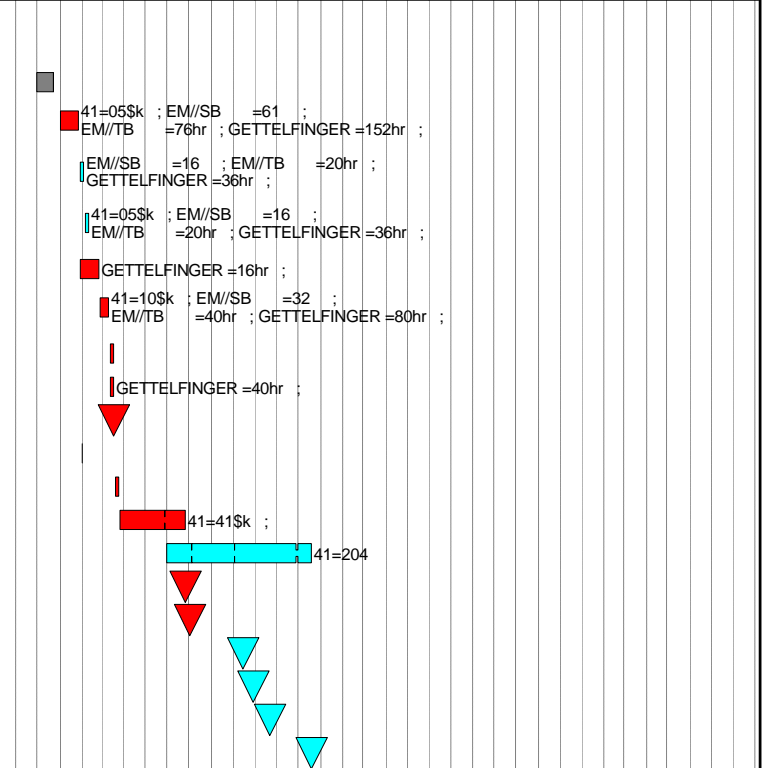
**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 21 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O N D J F M A M J J A S O												N D J F M A M J J A S O N D J F M A M J J A S O												N D J F M A M J J A S O N D J F M A M J J A S O											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S

Job: 1429 - MC Interface R&D-GETTELFINGER

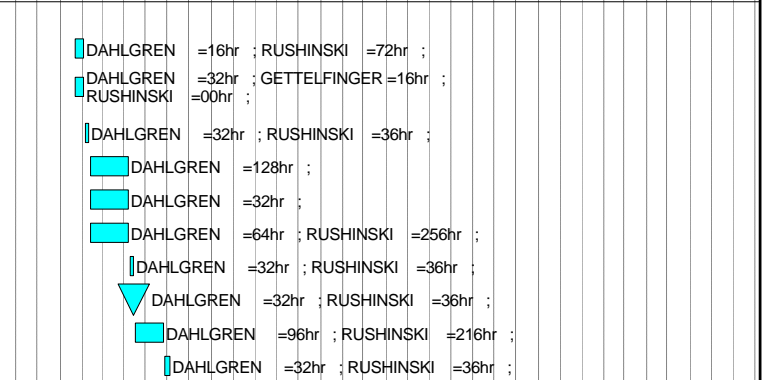
Coefficient of Friction (COF) Tests							
1429-3000	Diamond COF testing	01DEC06A	64	22DEC06A	007012		40,910.00
1429-3006	Order mtl&Perform screening tests. Pick shim	02JAN07*	19	26JAN07		84	42,895.92
1429-3011	Prepare standard shims for additional testing.	29JAN07	5	02FEB07		104	8,935.64
1429-3016	COF tests (LN2,cyclic,COF, etc) for STND shims	05FEB07	5	09FEB07		104	15,475.64
1429-3021	Procure mtl for high COFshims.Prepare test specimen	29JAN07	20	23FEB07		84	2,504.00
1429-3026	COF tests (LN2, cyclic, COF, etc) HIGH COF shims	26FEB07	10	09MAR07		84	32,203.28
1429-3031	Implications of press.-dependent COF for shim ds	12MAR07	5	16MAR07		84	0.00
1429-3036	Document and conduct peer review of test results	12MAR07	5	16MAR07		84	6,260.00
1429-3039	Shims defined		0	16MAR07		84	0.00
1429-3050	Define geometry of standard shim	01FEB07*	1	01FEB07		115	0.00
1429-3055	Finalize procurementg dwgs. Conduct FDR	19MAR07	5	23MAR07		84	0.00
1429-3060	Procure Shims for 1st 3 coils	26MAR07	65	25JUN07		84	53,628.00
1429-3061	Procure Shims for balance of coils	01JUN07*	140	19DEC07		88	274,747.20
1429-3065	Shims Available for 1st 3 pack FPA#1		0	25JUN07		84	0.00
1429-3066	Shims Req'd for 2nd 3 pack FPA#1		0	02JUL07		84	0.00
1429-3067	Shims Req'd for 1st 3 pack FPA#2		0	13SEP07		104	0.00
1429-3068	Shims Req'd for 2nd 3 pack FPA#2		0	28SEP07		95	0.00
1429-3069	Shims Req'd for 1st 3 pack FPA#3		0	22OCT07		128	0.00
1429-3070	Shims Req'd for 2nd 3 pack FPA#3		0	19DEC07		88	0.00



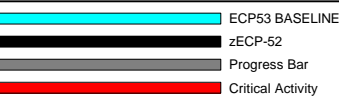
15 - Coil Structures

Job: 1501 - Coil Structures Design-DAHLGREN

+ Prior Costs							
		07OCT03A	709	31JUL06A			98,970.48
ECP53							
1501-501	Complete concept development	22JAN07*	10	02FEB07		117	15,909.52
1501-505	Update reqmnts.Incl base suprt struct. Issue SRD	22JAN07*	10	02FEB07		117	8,289.28
1501-509	Peer review of struct concept,rqmnts,interfaces	05FEB07	5	09FEB07		117	12,293.72
1501-513	Structural analysis. Incl base suprt struct.	12FEB07	40	06APR07		117	23,141.12
1501-517	Interface rqmnts. Document in ICD.	12FEB07	40	06APR07		117	5,785.28
1501-521	Complete structures preliminary design	12FEB07	40	06APR07		117	57,852.80
1501-525	Conduct PDR	09APR07	5	13APR07		117	12,293.72
1501-525P	PDR		0	13APR07		117	0.00
1501-529	Structures final dsn,assy&fab dwgs,BOMs,specs/SO	16APR07	30	25MAY07		117	56,406.48
1501-533	Conduct FDR	29MAY07	5	04JUN07		117	12,293.72

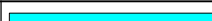





Run Date 06FEB07 13:25



Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
17 - Cryostat and Base Support Structure																																											
Job: 1702 - Base Support Struct Design-DAHLGREN																																											
Prior Costs																																											
161-001	Revise Preliminary Design for new supt locations	03APR06A	123*	30JUN06A			49,300.81																																				
161-002	Start Preliminary Design	03OCT06A	35	22DEC06A			4,800.90	Morris=111hr ; gettelfinger =20hr																																			
1702-505	Interface requirements. Document in ICDs	02JUL07*	15	23JUL07		121	4,338.96	DAHLGREN =12hr ; RUSHINSKI =12hr ;																																			
1702-510	Complete base support structure prel. design	02JUL07*	15	23JUL07		121	21,694.80	DAHLGREN =24hr ; RUSHINSKI =96hr ;																																			
1702-515	Conduct PDR. Resolve chits.	24JUL07	5	30JUL07		121	5,785.28	DAHLGREN =32hr ; RUSHINSKI =00hr ;																																			
1702-520	Final design. Assy dwgs, fab dwgs, BOMs,specs/SO	31JUL07	20	27AUG07		121	34,711.68	DAHLGREN =48hr ; RUSHINSKI =144hr ;																																			
1702-525	FDR	28AUG07	1	28AUG07		121	0.00																																				
1702-530	Resolve chits. Release dwgs for fab. Issue proc pk	29AUG07	5	05SEP07		121	12,293.72	DAHLGREN =32hr ; RUSHINSKI =36hr ;																																			
Job: 1752 - Base Support Proc-DAHLGREN																																											
172 - Base Support Structure																																											
161-031	Title III engr WBS 172	06SEP07	240	21AUG08		277	9,803.11	Gettelfinger =60hr ;																																			
161-036.8	Prep Spec, Solicit bids, and Select Vendor	06SEP07	55	21NOV07		121	0.00																																				
161-036.9	Award Mach Base&Coil struct as one Procurement		0	21NOV07		121	0.00																																				
161-037	Machine Base&supports Procurement [A/1]	22NOV07*	90	08APR08		121	220,316.00	48=216.73\$sk ; 35=02\$sk ;																																			
JM-07	ALL CRITICAL STELLARATOR CORE CONTRACTS PLACED		0	20FEB08		406	0.00	<ul style="list-style-type: none"> VVSA (WBS 12) MCWF (WBS 14) TF (WBS 13) PF Coils (WBS 13) Coil Support structure (WBS 15) Central solenoid support structure (WBS 13) Machine Base support structure (WBS 17) Field Period Assembly Fixtures Modular Coil Winding Hardware Modular Coil Interface Hardware 																																			
Job: 1701 - Cryostat Design-GETTLEFINGER																																											
+ Prior Costs																																											
		01APR03A	842	31JUL06A			371,030.61																																				
Cryostat																																											
151-011	Final Design Cryostat WBS 171	16JAN08*	60	08APR08		106	120,624.40	Gettelfinger =320hr ; Rushinski=360hr ;																																			
171-199	Cryostat FDR		0	08APR08		106	0.00																																				
ECP53RBX09	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	8,764.00	EM/EM =56hr ;																																			
Job: 1751 - Cryostat Procurement-GETTLEFINGER																																											
171 - Cryostat																																											
151-031	Title III engr	09APR08	202	02FEB09		170	53,695.71	Gettelfinger =320hr																																			
151-036.8	Prep Spec, Solicit bids, and Select Vendor	09APR08	43	09JUN08		106	0.00																																				
151-036.9	Award Cryostat Procurement		0	09JUN08*		106	0.00																																				
151-037	Cryostat Procurement & PPPL fab [A/1]	10JUN08	95	22OCT08		106	311,669.68	41=358.47\$sk ; 35=02\$sk ;																																			

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 24 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O												N D J F M A M J J A S O												N D J F M A M J J A S O											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
18 - Field Period Assembly																																											
Job: 1804 - Metrology Hardware-RAFTOPOULOS																																											
Metrology																																											
740.100	Romer CMM- spare probes	03JAN06A	233*	30NOV06		707	4,078.93	█												█												█											
740.105	Romer CMM-Software support&warranty renewal FY06	01OCT05A	249*				22,210.20	█												█												█											
740.106	Romer CMM-Software support&warranty renewal FY07	03OCT06*	57*	22DEC06		691	13,080.00	█												█												█											
740.107	Romer CMM-Software support FY08 ecp53	03OCT07*	2*	04OCT07		496	0.00	█												█												█											
740.108	Romer CMM-Software support FY09 ecp53	03OCT08*	1*	03OCT08		247	0.00	█												█												█											
740.110	Romer CMM-Laptop for 2nd arm	01OCT05A	5	31OCT05A			5,484.00	█												█												█											
+																																											
		19JAN04A	553	30MAR06A			519,268.00	█												█												█											
+ Job: 1801 - Field Period Assy-CHRZANOWSKI (ORNL)																																											
		01APR03A	757	30MAR06A			64,690.00	█												█												█											
Job: 1803 - FP Asy Tooling/Constrblty-BROWN																																											
1.00-VV Prep Station																																											
1803-1.01	Concept definition and requirements	01FEB05A	10	28FEB05A			16,056.00	█												█												█											
1803-1.02	VV Support Fixture - model design& drawing detai	01FEB05A	73	31MAY05A			13,604.00	█												█												█											
1803-1.04	Metrology -sightline layout metrology support	13APR05A	18	31MAY05A			25,502.00	█												█												█											
1803-1.05	Structural / Seismic Analysis check	01FEB05A	86*	31MAY05A			13,220.00	█												█												█											
1803-1.06	Design review PDR VV Prep Station	01AUG05A	0*	10AUG05A			1,983.00	█												█												█											
1803-1.09	Safety Review documentation / presentation	02SEP05A	10	15SEP05A			2,644.00	█												█												█											
1803-1.061	Design review FDR VV Prep Station	16SEP05A	2	19SEP05A			1,983.00	█												█												█											
1803-1.07	Design check and sign-off	20SEP05A	30*	31OCT05A			3,636.96	█												█												█											
1803-1.10	Fab / Design Review - follow-up activities	20SEP05A	30*	31OCT05A			7,214.11	█												█												█											
1803-1.08	Prep & Issue dwgs,and requisition	31OCT05A	5*	31OCT05A			0.00	█												█												█											
1803-1.12	PPPL FAB - VV support Fixture (1st)	17OCT05A	77*	31JAN06A			23,307.00	█												█												█											
1803-1.13	PPPL FAB - VV support Fixture (2nd)	16DEC05A	53*	31JAN06A			0.00	█												█												█											
1803-1.20	Finalize loop layout on FP 2 & 3	02OCT06	20	27OCT06		729	0.00	█												█												█											
Station 2-Modular Coil Sub- Assembly																																											
1803-2.01	Concept definition and requirements	03JAN05A	52*	28FEB05A			16,056.00	█												█												█											
1803-2.02	MC Holding Fixture - model design and drawing	01FEB05A	79*	29APR05A			21,728.00	█												█												█											
1803-2.04	Metrology - sightline layout design details metr	01AUG05A	77*	30SEP05A			15,209.60	█												█												█											
1803-2.055	Update concept definition and reqmnts	05JUN06A	5	30JUN06A			0.00	█												█												█											
1803-2.056	HP support stand	01JUN06A	15	30JUN06A			0.00	█												█												█											
1803-2.05	Structural / Seismic Analysis	10APR06A	137*	27SEP06A			13,924.80	█												█												█											
1803-2.057	Resolve use of JPP holdingbg fixture	27SEP06A	6	27SEP06A			8,354.88	█												█												█											
1803-2.061	PDR/FDR Half Period Assy		0	27SEP06A			0.00	█												█												█											
1803-2.08D	Dwgs/specs for tooling released for fab	01SEP06A	35*	20OCT06		734	14,155.54	█												█												█											
1803-2.08A	Assy sequence plan drafted	23JAN07	7	31JAN07		131	4,338.96	█												█												█											

Run Date 06FEB07 13:25

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█ Progress Bar
█ Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 25 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1803-2.08C	Dimensional control plan drafted	02JAN07*	22	31JAN07		131	0.00	brooks																																			
Station 3-Modular Coil to VVSA Assembly																																											
1803-3.15A	Requirements finalized	01FEB07*	5	07FEB07		664	2,892.64	brown=16																																			
1803-3.15	Models&dwgs for- MC load support	01FEB07*	10	14FEB07		659	8,677.92	morris=48																																			
1803-3.17	Models&dwgs for- Laser screen guide mods	01FEB07*	10	14FEB07		659	8,677.92	morris=48																																			
1803-3.18	Models&dwgs for-VV support stand	01FEB07*	10	14FEB07		659	8,677.92	morris=48																																			
1803-3.19	Models&dwgs for-Mechanical screw drive	01FEB07*	10	14FEB07		659	8,677.92	morris=48																																			
TB3.1	Release dwg for actuator lifting system	05FEB07*	1	05FEB07		666	0.00	MORRIS =00hr ;																																			
TB3.2	Spec for actuator lifting system	05FEB07*	1	05FEB07		666	0.00	VIOLA =00hr ;																																			
TB3.3	Complete stage 3 dwgs w/o laser modification	05FEB07*	1	05FEB07		666	0.00	MORRIS =00hr ;																																			
TB3.4	Re-set laser track on left side	05FEB07*	2	06FEB07		665	4,338.96	BROWN =24hr ;																																			
TB3.5	Complete stage 3 dwgs with laser mod-left side	05FEB07*	2	06FEB07		84	2,800.80	MORRIS =24hr ;																																			
TB3.6	Re-set laser track on right side	05FEB07*	1	05FEB07		85	0.00	BROWN =00hr ;																																			
TB3.7	Modify stage 3 dwgs with laser mo -right side	07FEB07*	5	13FEB07		84	4,668.00	MORRIS =40hr ;																																			
TB3.8	Update FEA models	14FEB07*	2	15FEB07		84	2,800.80	MORRIS =24hr ;																																			
TB3.9	Perform stress analysis	16FEB07*	15	08MAR07		84	21,694.80	FAN =120hr ;																																			
TB4.0	re-estimate fabrication costs	23FEB07*	1	23FEB07		93	4,338.96	BROWN =24hr ;																																			
TB4.1	FDR	13MAR07*	1	13MAR07		82	0.00	EA/EM =00hr ;																																			
TB4.2	Revise drawings as needed per FDR input	14MAR07*	2	15MAR07		82	2,800.80	MORRIS =24hr ;																																			
TB4.3	Release drawings for fabrication	16MAR07*	1	16MAR07		82	0.00	MORRIS =00hr ;																																			
TB4.4	VV/MC clearance report (for VVSA1, 2 and 3)	19MAR07*	1	19MAR07		147	13,016.88	BROWN =72hr ;																																			
TB4.5	Generate laser trace drawing for each screen	20MAR07*	3	22MAR07		147	4,668.00	MORRIS =40hr ;																																			
TB4.6	Assembly sequence plan drafted	23MAR07*	1	23MAR07		147	4,338.96	BROWN =24hr ;																																			
+ Station 4-TF Coil Sub-assembly**ELIMINATED -ECP5																																											
		01APR05A	129	30SEP05A			46,366.50																																				
Station 5-Final Field Period Assembly																																											
1803-4.01	Concept definition and requirements	01MAR05A	5	28MAR05A			10,704.00																																				
1803-4.03	TF HP support turning fixture - model design d	01APR05A	15	30JUN05A			14,265.00																																				
1803-5.002	TF Rotation Fixture plus dwgs start	02MAY05A	129*	30SEP05A			32,592.00																																				
TB5.1	Update Stage 5 PD consistent with TF asmbly	26MAR07*	8	04APR07		79	9,336.00	MORRIS =80hr ;																																			
TB5.2	Develop Stage 5 model details	09APR07*	8	18APR07		77	9,336.00	MORRIS =80hr ;																																			
TB5.3	Develop Stage 5 FEA models	23APR07*	2	24APR07		75	2,800.80	MORRIS =24hr ;																																			
TB5.4	Develop Stage 5 drawings	26APR07*	11	10MAY07		78	9,336.00	MORRIS =80hr ;																																			
TB5.5	Perform stress analysis	26APR07*	15	16MAY07		74	21,694.80	FAN =120hr ;																																			
TB5.6	re-estimate fabrication costs	17MAY07*	1	17MAY07		73	4,338.96	BROWN =24hr ;																																			
TB5.7	FDR	18MAY07*	1	18MAY07		73	0.00	EA/EM =00hr ;																																			
TB5.8	Revise drawings as needed per FDR input	21MAY07*	3	23MAY07		73	0.00	MORRIS =00hr ;																																			
TB5.9	Release drawings for fabrication	24MAY07	1	24MAY07		73	0.00	MORRIS =00hr ;																																			
TB6.0	Assembly sequence plan drafted	25MAY07	1	25MAY07		142	4,338.96	BROWN =24hr ;																																			

Run Date 06FEB07 13:25

ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 26 of 50

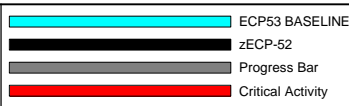
Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
1803-5-105	Prep stage 5 dwg-SE180-x PORT LOC.&WELD DETAILS	05FEB07*	44	05APR07		178	20,244.00	mcginnis=120																																			
1803-5-110	Prep stage 5 dwg-SE180-XXX TF FIELD PERIOD ASSY	08MAR07*	44	08MAY07		155	35,190.80	mcginnis=80;rushinski=120																																			
FY07 Rebaseline Exercise																																											
ECP53RBX12	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	13,496.00	ORNLEM =80hr ;																																			
Job: 1805 - FP Assy HW&Fixture Prcrmnts-DUDEK																																											
Station 2-Modular Coil Sub- Assembly																																											
1803-2.11	Obtain fixtures from MTM (3 of 5 fixtures)	02APR07*	64	29JUN07		100	19,072.80	41=\$5k; em/tb=160																																			
Station 3-Modular Coil to VVSA Assembly																																											
1803-3.08A	Requisition issued	19MAR07	5	23MAR07		82	0.00																																				
1803-3.08B	Recieve & Evaluate Bids	26MAR07	20	20APR07		82	0.00																																				
1803-3.15D	Award Fabrication Contract		0	20APR07		82	0.00																																				
1803-3.15C	Tooling fabricated (1 fixture)	23APR07	60	17JUL07		82	64,092.00	41=49 eac																																			
Station 5-Final Field Period Assembly																																											
1803-5.08A	Requisition Issued	25MAY07	5	01JUN07		73	0.00																																				
1803-5.08B	Receive bids and evaluate	04JUN07	20	29JUN07		73	0.00																																				
1803-5.008	Award fabrication contract		0	29JUN07		73	0.00																																				
1803-5.009	Fabr supt frame, TF coil instl fixt, & platform	02JUL07*	60	25SEP07		73	99,408.00	41=\$76 eac																																			
Tooling Design & Fabrication																																											
713A.040	General procurements	02OCT06*	498	29SEP08		251	10,173.75	41=\$7.5k																																			
713A.050	Welding tools, materials & eqipt	02OCT06*	498	29SEP08		251	10,173.75	41=\$7.5k																																			
Job: 1802 - FP Assy Oversight&Support-VIOLA																																											
Station 2-Modular Coil Sub- Assembly																																											
1803-2.11B	Procedures approved	01FEB07*	20	28FEB07		131	0.00																																				
1803-2.11D	Training needs identified & released	01MAR07*	5	07MAR07		131	0.00																																				
1803-2.11A	Install Holding fixture	08MAR07*	5	14MAR07		131	6,266.40	em/tb=80																																			
1803-2.11C	JHA completed	15MAR07*	5	21MAR07		131	0.00																																				
1803-2.11E	ACC review completed	22MAR07*	5	28MAR07		131	0.00																																				
1803-2.11F	Pre-jpb brief completed	29MAR07*	5	04APR07		131	0.00																																				
1802-3170	Document assembly sequence	25APR07	5	01MAY07		96	7,231.60	ELLIS =40hr ;																																			
1802-3172	Finalize dimensional control plan	02MAY07	5	08MAY07		96	7,231.60	BROWN =40hr ;																																			
1802-3174	Finalize assembly procedure	09MAY07	5	15MAY07		96	3,133.20	em/tb =40hr ;																																			
1802-3176	Establish back office support requirements&data	16MAY07	5	22MAY07		106	0.00	VIOLA																																			
1802-3178	Train technicians in operation of metrology equ	16MAY07	15	06JUN07		96	18,799.20	em/tb=240 hr ;																																			
1802-3180	RLM authorization for assembly operations	07JUN07	1	07JUN07		96	0.00																																				
1802-3182	Start Station 2 assembly operations		0	25JUN07		84	0.00																																				
Station 3-Modular Coil to VVSA Assembly																																											
1803-3.11B	Procedures approved	10APR07	20	07MAY07		136	0.00																																				
1803-3.11D	Training needs identified & released	08MAY07	5	14MAY07		136	0.00																																				
1803-3.15G	Fixtures installed	18JUL07	5	24JUL07		82	6,266.40	em/tb=80																																			

ECP53 BASELINE
 zECP-52
 Progress Bar
 Critical Activity

**NCSX
ECP-53
BASELINE SCHEDULE**

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
																				Ducco 100% =1728hrs												CRANE OPERATOR COVERAGE											
S0P0-250	LOE Crane support, fixture setupfor TFTR TC.	02OCT07*	248*	29SEP08		251	68,785.80																																				
S0P0-300	LOE Metrology support	02OCT06*	249*	28SEP07		500	135,354.24																																				
Station 1-VV Prep (hard surface components) FP#1																																											
S1P1-101	Receive VV and inspect	09MAY06A	2	11MAY06A			2,079.41																																				
S1P1-101.1	metrology setup,training and calibration	15MAY06A	34*	13JUN06A			8,649.29																																				
S1P1-101A	Prep for mounting on fixture,Instl flanges	14JUN06A	5	29JUN06A			5,910.28																																				
S1P1-102	Mount VV on VV Prep fixture (top side up)	30JUN06A	2	30JUN06A			2,087.01																																				
S1P1-103	Establish metrology setting; align VV base	30JUN06A	21*	31JUL06A			8,160.29																																				
S1P1-103.1	Layout diagnostic&coolant paths on vsl w/templt		0*	29SEP06A			43,441.65	edwards=232;em//tb=144																																			
S1P1-104	Install heater tape on vertical ports	02OCT06	5	06OCT06		160	8,839.61	edwards=53;em//tb=19																																			
S1P1-105	Verify installation of heater tapes	09OCT06	3	11OCT06		160	2,494.80	edwards=18																																			
S1P1-105.1	Check port weld fit-up	12OCT06	7	20OCT06		160	8,772.96	rigger=56; welder=56																																			
S1P1-107	Install random magnetic diagnostic sensors	23OCT06	32	07DEC06		160	55,534.08	edwards=224;em//tb=224																																			
S1P1-107.1	Loop termination & verification	08DEC06	5	14DEC06		160	7,242.20	em//tb=20;em//sm=20																																			
S1P1-106	Attach studs for coolant lines	15DEC06	12	09JAN07		160	18,222.12	em//tb=110;ee//sm=110																																			
S1P1-107.2	Install precision magnetic diagnostic sensors	10JAN07	30	20FEB07		160	52,063.20	edwards=210;em//tb=210																																			
S1P1-108	Install cooling/htg lines to vac vsl	21FEB07	24	26MAR07		160	41,650.56	em//tb=245;ee//sm=245																																			
S1P1-109	Verify Instl of H/C lines,headers,manifolds	03APR07*	5	09APR07		155	9,978.78	em//tb=46;ee//sm=46																																			
S1P1-110	Install local I&C (incl thermocouples)	29MAY07	7	06JUN07		121	14,100.45	ee//sm=65;em//tb=65																																			
S1P1-111	Verify installation of local I&C	07JUN07	3	11JUN07		121	6,074.04	ee//sm=28;em//tb=28																																			
S1P1-112	Final Scan	12JUN07	5	18JUN07		121	7,191.23	ee//sm=33;em//tb=33																																			
S1P1-116	Prepare and transfer completed VV to holding are	19JUN07	3	21JUN07		121	9,111.06	em//tb=42;ee//sm=42																																			
Station 1- VV Prep (hrd surf cmpntsFP#2 (VVSA#3)																																											
S1P2-101	Receive VV and inspect	31JUL06A	3	31JUL06A			1,665.28																																				
S1P2-101A	Prep for mounting on fixture,Instl flanges	08DEC06*	5	14DEC06		172	3,603.18	em//tb=46																																			
S1P2-102	Mount VV on VV Prep fixture (top side up)	15DEC06	2	18DEC06		172	1,416.03	em//tb=11;ee//sm=4																																			
S1P2-103	Establish metrology setting; align VV base	19DEC06	3	21DEC06		172	4,778.13	em//tb=61;																																			
S1P3-103.2	Perform full machine best fit	22DEC06	2	02JAN07		177	2,217.60	brown (under 8203) edwards =16																																			
S1P2-105.1	Check port weld fit-up	22DEC06	7	09JAN07		172	8,772.96	rigger=56; welder=56																																			
S1P2-103.1	Layout diagnostic&coolant paths on vessel	10JAN07	26	14FEB07		172	28,477.05	em//tb=245;ee//sm=67																																			
S1P2-104	Install heater tape on vertical ports	15FEB07	4	20FEB07		172	5,260.29	ee//sm=8;em//tb=53																																			
S1P2-105	Verify installation of heater tapes	21FEB07	1	21FEB07		172	1,416.03	ee//sm=4;em//tb=11																																			
S1P2-107	Wind magnetic diagnostic sensors	23FEB07	20	22MAR07		172	21,932.40	em//tb=420;																																			
S1P2-107.1	Loop termination & verification	23MAR07	9	04APR07		172	3,355.10	em//tb=10;em//sm=20																																			
S1P2-106	Attach studs forcoolant lines	05APR07	12	20APR07		172	14,334.39	em//tb=183																																			
S1P2-107.2	Install precision magnetic diagnostic sensors	23APR07	24	24MAY07		172	35,359.59	em//tb=163;ee//sm=163																																			
S1P2-108	Install cooling/htg lines to vac vsl	25MAY07	24	28JUN07		172	30,078.72	em//tb=384																																			
S1P2-109	Verify Instl of H/C lines,headers,manifolds	29JUN07	5	06JUL07		172	8,243.34	ee//sm=38;em//tb=38																																			

Run Date 06FEB07 13:25



EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 30 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07			FY08			FY09					
								O	N	D	J	F	M	J	F	M	J	F	M
								A	M	J	A	S	O	N	D	J	F	M	A
S1P2-110	Install local I&C (incl thermocouples)	09JUL07	7	17JUL07		172	10,008.60										ee//sm=27;em//tb=80		
S1P2-111	Verify installation of local I&C	18JUL07	3	20JUL07		172	4,989.39										ee//sm=23;em//tb=23		
S1P2-112	Final Scan	23JUL07	5	27JUL07		172	7,191.23										ee//sm=33;em//tb=33		
S1P2-116	Prepare and transfer completed VV to holding are	30JUL07	3	01AUG07		172	5,766.39										em//tb=63;ee//sm=6		
Station 1- VV Prep (hrd surf cmpntsFP#3 (VVSA#2))																			
S1P3-101	Receive VV and inspect	27SEP06A	3	27SEP06A			1,457.12										edwards=7;em//tb=7		
S1P3-101A	Prep for mounting on fixture,Instl flanges	01AUG06A	3	07AUG06A			4,001.26												
S1P3-102	Mount VV on VV Prep fixture (top side up)	08AUG06A	1	09AUG06A			1,403.14												
S1P3-103	Establish metrology setting; align VV base	14AUG06A	4	14AUG06A			4,727.00												
S1P3-105.1	Check port weld fit-up	10JAN07	7	18JAN07		230	8,772.96										trigger=56; welder=56		
S1P3-103.1	Layout diagnostic&coolant paths on vessel	01AUG07*	19	27AUG07		94	27,567.33										em//tb=221;ee//sm=74		
S1P3-104	Install heater tape on vertical ports	28AUG07	4	31AUG07		94	6,290.97										em//tb=29;ee//sm=29		
S1P3-105	Verify installation of heater tapes	04SEP07	1	04SEP07		94	1,416.03										ee//sm=4;em//tb=11		
S1P3-107	Wind magnetic diagnostic sensors	05SEP07	20	02OCT07		94	33,054.84										em//tb=420		
S1P3-107.1	Loop termination & verification	03OCT07	3	05OCT07		94	3,514.10										em//tb=10;em//sm=20		
S1P3-106	Attach studs forcoolant lines	08OCT07	12	23OCT07		94	19,540.06										em//tb=86;ee//sm=86		
S1P3-107.2	Install precision magnetic diagnostic sensors	24OCT07	19	19NOV07		94	21,825.30										em//tb=140		
S1P3-108	Install cooling/htg lines to vac vsl	20NOV07	22	21DEC07		94	28,881.60										em//tb=352		
S1P3-109	Verify Instl of H/C lines,headers,manifolds	02JAN08	5	08JAN08		94	8,179.56										ee//sm=36;em//tb=36		
S1P3-110	Install local I&C (incl thermocouples)	09JAN08	7	17JAN08		94	11,360.50										ee//sm=50;em//tb=50		
S1P3-111	Verify installation of local I&C	18JAN08	3	22JAN08		94	4,998.62										ee//sm=22;em//tb=22		
S1P3-112	Final Scan	23JAN08	3	25JAN08		94	7,532.01										ee//sm=33;em//tb=33		
S1P3-116	Prepare and transfer completed VV to holding are	28JAN08	3	30JAN08		94	6,721.67										em//tb=43;ee//sm=22		
Station 1-Spool pieces (3) (spacers)																			
S1SP-101	Attachdiagnostics, studs and coolant lines	31JAN08	35	19MAR08		202	37,565.76										em//tb=288;ee//sm=96		
Station 2 Trials & Development																			
1810-3140	Trial tensioning test on prototype	01MAR07*	5	07MAR07		644	14,943.60										em//tb=120;Edwards=40		
1810-3141	Trila bushing and shim test on prototype	19MAR07*	5	23MAR07		632	11,810.40										em//tb=80;edwards=40		
1810-3142	Determine stud length constraints based on acces	29JAN07*	10	09FEB07		96	6,266.40										em//tb=80		
1810-3145	Identify "close points" when assembling	22JAN07*	5	26JAN07		134	0.00										BROWN		
1810-3147	Perform fits of C-C, C-B, B-A,&A-A	22JAN07*	15	09FEB07		124	28,198.80										em//tb=360		
1810-3149	Guidance f/post-VPI proced to include measuremen	12FEB07	5	16FEB07		129	0.00										BROWN		
1810-3151	Perform trial x-y-z alignments on C1-C2.	12FEB07	10	23FEB07		124	18,799.20										em//tb=240		
1810-3153	Alignment mechanisms, metro equip &positioning	26FEB07	5	02MAR07		124	6,266.40										em//tb=80		
1810-3155	Procure alignment mechanisms, fiducials, lifting	05MAR07	40	27APR07		124	3,756.00										DUDEK =24hr ; M&S (\$) =00\$;		
1810-3158	Develop procedures for torquing bolts	26FEB07*	5	02MAR07		124	9,399.60										em//tb=120		
1810-3160	Determine fiducial types&locations	05MAR07	10	16MAR07		124	12,532.80										em//tb=160		
1810-3162	Procure monuments&related metrology equipment	19MAR07	30	27APR07		124	3,756.00										DUDEK =24hr ; M&S (\$) =00\$;		
1810-3165	Tools&tooling available for FPA operations	30APR07	0	27APR07		124	0.00												

Run Date 06FEB07 13:25

ECP53 BASELINE
 zECP-52
 Progress Bar
 Critical Activity

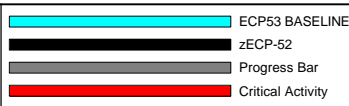
EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 31 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09												
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
1810-3166	Prototype bladder installation.	06APR07	5	12APR07		103	9,399.60	em/tb=120																																				
Station 2-Modular Coil Subassembly-FP#1																																												
S2P1-000	Receive MTM Fixture	01JUN07*	1	01JUN07		100	0.00																																					
S2P1-001	Pre-fit C2-C3 (no re-work)	01MAR07*	3	05MAR07		157	7,519.68	EM//TB =96hr ;																																				
S2P1-003	Pre-fit C1-C5	06MAR07*	3	08MAR07		157	7,519.68	EM//TB =96hr ;																																				
S2P1-005	Pre-fit A1-A2	09MAR07*	3	13MAR07		157	7,519.68	EM//TB =96hr ;																																				
S2P1-007	Pre-fit C6-C4	09JUL07	2	10JUL07		152	1,253.28	EM//TB =16hr ;																																				
S2P1-010	Test out equip & procedures	05APR07	6	12APR07		131	6,893.04	EM//TB =88hr ;																																				
S2P1-012	Fit C1-B1	23APR07	2	24APR07		125	1,253.28	EM//TB =16hr ;																																				
S2P1-014	Fit B1-A1	25APR07	2	26APR07		125	1,253.28	EM//TB =16hr ;																																				
S2P1-100	Assemble/Align Mod-Coils A1/B1/C1	26JUN07	35	14AUG07		84	56,397.60	EM//TB =720hr ;																																				
S2P1-016	Fit A2-B2	27APR07	2	30APR07		126	1,253.28	EM//TB =16hr ;																																				
S2P1-018	Fit B2-C2	01MAY07	2	02MAY07		126	1,253.28	EM//TB =16hr ;																																				
S2P1-200	Assemble/Align Mod-Coils A2/B2/C2	03JUL07	30	14AUG07		84	37,598.40	EM//TB =480hr ;																																				
Station 2-Modular Coil Subassembly-FP#2																																												
S2P2-100	Assemble/Align Mod-Coils A3/B3/C3	14SEP07*	27	22OCT07		104	28,992.40	EM//TB =360hr ;																																				
S2P2-200	Assemble/Align Mod-Coils A4/B4/C4	01OCT07*	25	02NOV07		95	29,538.00	EM//TB =360hr ;																																				
Station 2-Modular Coil Subassembly-FP#3																																												
S2P3-100	Assemble/Align Mod-Coils A5/B5/C5	23OCT07	25	26NOV07		128	29,538.00	EM//TB =360hr ;																																				
S2P3-200	Assemble/Align Mod-Coils A6/B6/C6	20DEC07	25	01FEB08		88	29,538.00	EM//TB =360hr ;																																				
Station 3-Assemble Mod Coils and VVSA-FP#1																																												
S3P1-000	Begin Assembly of First Field Period Assy		0	07AUG07		82	0.00	<p>.....</p> <p>▼ BEGIN ASSEMBLY OF FIRST FIELD PERIOD</p> <p>▼ DOE LEVEL 2 MILESTONE</p> <p>▼ PEP DATE = JULY 2007</p> <p>.....</p>																																				
S3P1-001	Test out station 3 equipment and procedures	08AUG07	20	05SEP07		82	30,078.72	EM//TB =384hr																																				
S3P1-101	VV to MC turning fixt base; metr check	06SEP07	4	11SEP07		82	3,759.84	EM//TB =48hr																																				
S3P1-101.1	Attach local protective strips to VV&locate sens	12SEP07	3	14SEP07		82	2,506.56	EM//TB =32hr ;																																				
S2P1-201	Assemble/Disassemble abc1-abc2 (stage 3 fixture)	15AUG07	20	12SEP07		84	28,198.80	EM//TB = 360 hr ;																																				
S3P1-102	Mount MC on crane; perform metr checks	17SEP07	3	19SEP07		82	3,759.84	EM//TB =48hr																																				
S3P1-103	Rotate right MC to stand-off position&chk	20SEP07	4	25SEP07		82	5,639.76	EM//TB =72hr ;																																				
S3P1-104	Transfer load to sprt sys and recheck position	26SEP07	3	28SEP07		82	3,759.84	EM//TB =48hr ;																																				
S3P1-105	Move MC turning fixt; mount MC on crane	01OCT07	1	01OCT07		82	1,969.20	EM//TB =24hr ;																																				
S3P1-106	Rotate left MC to stand-off position and check p	02OCT07	2	03OCT07		82	3,938.40	EM//TB =48																																				
S3P1-107	Move left & right MC to final position & measure	04OCT07	2	05OCT07		82	3,938.40	EM//TB =48hr ;																																				
S3P1-109	Bolt together at flange interface.	08OCT07	10	19OCT07		82	9,846.00	EM//TB =120hr ;																																				
S3P1-108	Pot 3 packs together	22OCT07	15	09NOV07		82	19,692.00	EM//TB =240hr ;																																				
S3P1-110	Perform final metrology position check	12NOV07	5	16NOV07		82	5,907.60	EM//TB =72hr ;																																				
S3P1-110.1	Remove temp interference strips&sensors	19NOV07	5	23NOV07		82	3,938.40	em/tb=48																																				

Run Date 06FEB07 13:25



 ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 32 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
S4P3-108	Change platforms	09JUL08	1	09JUL08	2	73	5,251.20																																				
S4P3-109	Position, weld two large horizontal diag ports	10JUL08	4	15JUL08	2	73	15,753.60																																				
S4P3-110	Inspect Welds	16JUL08	1	16JUL08	2	73	1,312.80																																				
S4P3-111	Assemble external trim coils (in wbs75)	30JUN08	0	27JUN08	2	85	0.00																																				
S4P3-112	Close up VV, leak check	17JUL08	5	23JUL08	2	73	52,512.00																																				
S4P3-113	Adjust final support base interfaces	24JUL08	5	30JUL08	2	73	3,938.40																																				
S4P3-113.5	Final metrology outside & inside	31JUL08	5	06AUG08	2	73	0.00																																				
S3P3-112	Install on support platform	07AUG08	2	08AUG08		73	3,938.40																																				
S4P3-115X	Last field period assembled		0	06AUG08	2	73	0.00																																				

EM/TB =64hr ;
EM/TB =192hr ;
EM/TB =16hr ;
EM/TB =640hr ;
EM/TB =48hr ;
EM/TB =48hr ;

LAST FIELD PERIOD ASSEMBLED
DOE LEVEL 2 MILESTONE
PEP DATE = NOVEMBER 2008

19 - Stellarator Core Management and Integration

Job: 1901 - Stellarator Core Mngt&Integr-COLE

+ Prior Costs							
		01APR03A	757	30MAR06A			1,490,162.42

191 - Stellarator Core Management & Oversight

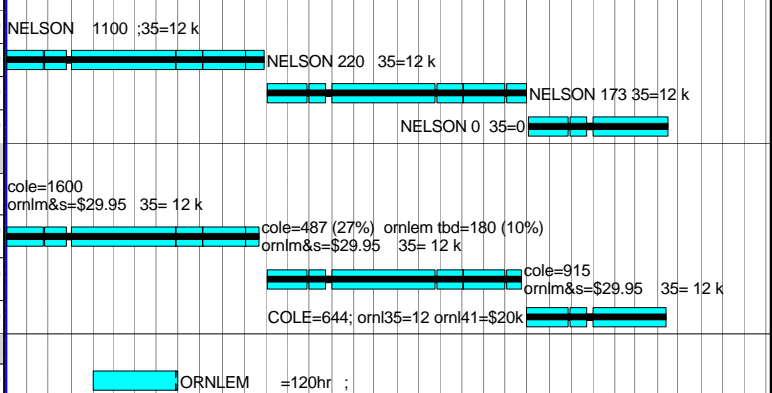
192-6.07	Time constant calcs using SPARK	01APR04A	42*	28MAY04A			6,180.00
0191-6	LOE-FY06 WBS 191	03OCT05A	249*	29SEP06A			197,774.00
0191-6X	LOE-FY07 WBS 191	03OCT06*	247	27SEP07		501	49,522.00
0191-7	LOE-FY08 WBS 191	03OCT07*	247	29SEP08		251	42,362.70
191-8	LOE-FY09 WBS 191	03OCT08*	130	15APR09		118	0.00

192 - Stellarator Core Integration & Analysis

0192-6	LOE-FY06 WBS 192	03OCT05A	249*	29SEP06A			312,481.45
0192-6X	LOE-FY07 WBS 192	03OCT06*	242	20SEP07		506	155,899.20
0192-7	LOE-FY08 WBS 192	03OCT07*	242	22SEP08		256	201,419.90
0192-99	LOE-FY09	01OCT08*	130	13APR09		120	149,156.00

FY07 Rebaseline Exercise

ECP53RBX13	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	20,244.00
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21 - Fueling Systems

+ Job: 2001 - VPS, Gas & Cond Syst.-BLANCHARD

		01APR03A	757	30MAR06A			62,897.20
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Job: 2101 - Fueling Systems-BLAMCHARD

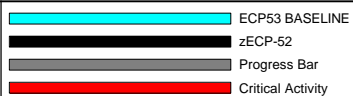
ECP 16 October 2004

21-10	Eng. Work Planning and Design	01NOV07*	40	08JAN08		148	16,391.00
21-15	Design Gas Handling Hardware	01NOV07	40	08JAN08		148	5,252.52
21-20	Design PLC Controls	01NOV07	40	08JAN08		188	0.00
21-25	Electrical Drafting for pumping system	01NOV07	40	08JAN08		188	6,356.48
21-30	Drafting	01NOV07	40	08JAN08		188	6,356.48

Blanchard =100hr ;
EM/SM =40hr ;
EA/DM =52hr ;
EA/DM =52hr ;

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09												
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
21-35	Eng. Work Planning and Design during fab	09JAN08	40	04MAR08		188	3,606.02																																					
21-40	Fabrication/Install Hardware	09JAN08	40	04MAR08		148	3,232.32																																					
21-45	Fabrication/Installation	05MAR08	40	29APR08		148	15,051.50																																					
21-55	Install PLC Controls	05MAR08	40	29APR08		148	0.00																																					
21-60	Integrated Systems Testing/Eng	05MAR08	40	29APR08		148	1,311.28																																					
21-65	Integrated Systems Testing/Tech Support	30APR08	45	02JUL08		148	1,306.44																																					
22 - Torus Vacuum Pumping Systems																																												
Job: 2201 - Vacuum Pumping Systems-BLANCHARD																																												
22-25	Eng. Work Planning and Design	01NOV07*	20	28NOV07		357	26,345.85																																					
22-30	Design PLC based control system *N/R*	03DEC07	20	08JAN08		437	0.00																																					
22-35	Electrical Drafting for pumping system *N/R*	03DEC07	20	08JAN08		377	0.00																																					
22-40	Drafting	03DEC07	20	08JAN08		357	9,656.96																																					
22-45	Eng. Work Planning and Design during fab	09JAN08	20	05FEB08		357	6,228.58																																					
22-50	Perform maint. & repair of prmpg sys	09JAN08	20	05FEB08		357	5,521.88																																					
22-55	Repair and Calibration vac instrumentation*N/R*	06FEB08	60	29APR08		357	0.00																																					
22-60	Fabrication/Installation	06FEB08	40	01APR08		377	26,706.00																																					
+ 25 - Neutral Beam Injection System																																												
		01APR03A	757	30MAR06A			287,690.77																																					
31 - Magnetic Diagnostics																																												
Job: 3101 - Magnetic Diagnostics-STRATTON																																												
Vacuum Vessel Saddle Loops																																												
3101-154	Fab Installation Templates (for spacers)	24JAN08	5	30JAN08		202	269.36																																					
3101-165	Identify lead wires at multiple locations	02OCT06*	158*	21MAY07		591	7,829.80																																					
3101-161	SUPT LOOP INSTL 200 LOOPS), TESTING	01AUG06A	327*	16NOV07		465	6,381.20																																					
Modular Coil C-wound Loops																																												
3101-205	MOUNTING/LOCATING STRATEGY MC CO-WOUND LOOPS	01JAN05A	20	31JAN05A			3,208.40																																					
3101-209	PROTOTYPE ON TWISTED RACETRACK	01MAR05A	20	31MAR05A			4,741.80																																					
3101-213	DESIGN TERMINATION	01MAR05A	130*	31AUG05A			7,302.40																																					
3101-221	PROCURE MATERIALS	25JUL05A	0*	29JUL05A			6,410.90																																					
3101-217	Peer review of lead routing	31JAN06A	0*	31JAN06A			6,940.40																																					
3101-230	Install heat shrink tubing on MI cable	31JAN06A	192*	30OCT06		265	11,995.69	LABIK =40hr ;jurczynski=40																																				
3101-229	SUPPORT NSTALLATION	01MAR06A	318*	30JUN06A			3,470.20																																					
3101-231	Terminate MC co-wound loops	01AUG07*	149*	10MAR08		393	11,214.23	LABIK =20hr ;diag tech =60																																				
Saddle Loop Termination Boxes																																												
3101-333	Complete termination box design & prototyping	26SEP05A	47*	31OCT05A			10,833.80																																					

Run Date 06FEB07 13:25



ECP53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 36 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
3101-421	FDR of terminations incl in saddle loop FDR	31MAY06A	1	31MAY06A			0.00																																				
3101-422	Fab Prototype term. Box	01MAY06A	20	31MAY06A			3,260.00																																				
3101-517	Fab termination boxes (24)	02OCT06*	20	27OCT06		729	27,883.88	labik=10;machinist=336																																			
3101-517A	Install termination boxes	21FEB07	234	30JAN08		94	10,026.13	labik=10;machinist=10; diag tech=96																																			
Rogowski Coils																																											
3101-301	LAYOUT LOCATION ROWGOSKI COIL &EST COIL DIMEN	01JUN05A	166	31JAN06A			4,924.69																																				
3101-309	DESIGN COIL MOUNTING TECHNIQUE	26SEP05A	127	31MAR06A			3,459.89																																				
3101-305	work on coil design with vendor	03OCT05A	221	28FEB07		649	3,350.13	LABIK =20hr ;																																			
3101-312	Mandrel prototype	01NOV06*	50	19JAN07		677	0.00	LABIK																																			
3101-313	DESIGN LEAD ROUTING AND TERMINATION	01NOV06*	20	30NOV06		138	3,130.00	LABIK =20hr ;																																			
3101-317	PDR PREP- ROWGOWSKI COIL	01DEC06*	20	05JAN07		138	4,758.30	STRATTON =10hr ; LABIK =20hr ;																																			
3101-318	PDR - ROWGOWSKI COIL		0	05JAN07*		138	0.00	STRATTON																																			
3101-321	Specify Rogowski Coils	08JAN07*	10	19JAN07		138	3,130.00	LABIK =20hr ;																																			
3101-325	FDR PREP ROWGOSKI COIL	22JAN07*	10	02FEB07		138	3,130.00	LABIK =20hr ;																																			
3101-326	FDR - ROWGOSKI COIL		0	02FEB07		138	0.00	LABIK																																			
3101-329	FAB ROWGOWSKI COILS (2)	05FEB07	10	16FEB07		138	22,750.00	M&S =15\$K ; LABIK =20hr ;																																			
TF and PF Co-wound Loops																																											
3101-401	MOUNTING/LOCATING TECHNIQUE TF CO-WOUND LOOPS	25JUL05A	28	31AUG05A			6,275.20																																				
3101-405	DESIGN TERMINATION N/R	02OCT06	1	02OCT06		748	0.00																																				
3101-409	FINALIZE LOOP LOCATION/MOUNTING TECHNIQUE	01AUG05A	20	31AUG05A			6,416.80																																				
3101-417	PROCURE MATERIALS	01MAY06A	207	28FEB07		200	10,008.68	M&S =05\$K ; LABIK =20hr ;																																			
3101-425	INSTALL HEAT SHRINK CABLE(for 3 TF coils)	01MAR07*	20	28MAR07		200	2,584.89	EM/TB=100 hrs																																			
3101-426	INSTALL HEAT SHRINK CABLE (for 6 PF coils)	02JAN07*	20	29JAN07		441	5,169.78	EM/TB=100 hrs																																			
3101-429	INSTALL TERMINATIONS	03OCT07*	251	03OCT08		247	8,207.07	LABIK =20hr ; DIAG TECH																																			
Modular Coil Shell Saddle Loops**CANCELLED SCOPE																																											
3101-501	DETERMINE NUMEBR AND LOCATION OF LOOPS	01MAY06A	106	29SEP06A			3,311.80	STRATTON =40hr ;																																			
+ Prior Costs																																											
		01JAN05A	379	30JUN06A			127,097.00																																				
ECP50-100	ECP50 Mod coil shell saddle loop deletion	01OCT05A	251	31JUL06A			59,420.00																																				
FY05CV-32	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			30,000.00																																				
FY06CV-01	FY06 YTD cost vari (offset by scope reductions)	01OCT05A	251	28FEB06A			83,638.40																																				
36 - Edge and Divertor Diagnostics																																											
Job: 3601 - Edge Divertor Diagnostics-STRATTON																																											
361-001	Design Visible Camera sys	11JAN08*	40	06MAR08		101	856.55	R//RM2 =5																																			
361-015	Fab/Assy/Installation Visible Camera	07MAR08*	130	09SEP08		101	8,506.30	R//RM2 =30hr EM/SM =25hr ; 41=0\$K ; use existing camera																																			

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 37 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O												N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O												N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O											
38 - Electron Beam (EB) Mapping																																											
Job: 3801 - Electron Beam Mapping-STRATTON																																											
380-010	Design-Beam Probe,Fluor. Screen	01FEB08*	40	27MAR08		114	8,853.00	R//RM2 =10hr ; EM//EM =10hr ; EA//DM =45hr ;																																			
380-015	Fab & Install Beam probe	16APR08	102	09SEP08		101	20,543.60	R//RM2 =80hr ; EE//SM =10hr ; em//sm=40-:41=0																																			
39 - Diagnostics Integration																																											
Job: 3901 - Diagnostics sys Integration-STRATTON																																											
+ Prior Costs																																											
		01APR03A	885				345,322.33																																				
FY07 Rebaseline Exercise																																											
ECP53RBX14	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	10,421.12	R//RM2 =64hr ;																																			
390-03	LOE Support FY07	02OCT06*	249*	28SEP07		500	28,820.91	Stratton =177hr																																			
41 - AC Power																																											
Job: 4101 - AC Power-RAMAKRISHNAN																																											
411 - Auxiliary AC Power Systems																																											
4101-100	Prepare Preliminary One line diagram	01MAR04A	173*	30SEP04A	GPPX		8,440.00																																				
4101-100.1	Prepare Preliminary One line diagram	01OCT07*	173	11JUN08		327	1,122.95	vankirk =16hr ; raki =24hr ; ee//sm=16; ee//tb=32																																			
411-1-100	Ex-Test cell AC pwr-Reactiv.&new instl**GPP TASK	01OCT07*	241	17SEP08	GPP	259	0.00																																				
411-2-2	Grounding-Dsn	01OCT07*	86	08FEB08		114	32,293.04	VANKIRK =160hr ; Raki =72hr ;																																			
411-2-4	Grounding-Procure	11FEB08*	107	10JUL08		114	7,025.00	41=05\$K ;																																			
411-2-6	Grounding-Install	09MAY08*	43	10JUL08		114	47,140.66	EE//EM =28hr ; EE//SM =56hr ; EE//TB =112hr ;41=17.5																																			
411-2-8	Grounding-Commission	11JUL08*	29	20AUG08		114	16,816.88	EE//EM =24hr ; EE//SM =40hr ; EE//TB =80hr ;																																			
411-3-2	Test Cell AC Power Distr-Dsn**GPP TASK**	01OCT07*	90	14FEB08	GPP	181	0.00																																				
411-3-2.04	Test Cell AC Power fy04	01APR04A	186*	30SEP04A	GPPX		73,000.00																																				
411-3-4	TC AC Pwr Distr-Procure(pnl&xfrmr)**GPP TASK**	01JUL05A	108*	28NOV07	GPPX	457	9,050.00	81=09\$K ;																																			
411-3-6	Test Cell AC Power Distr-Install**GPP TASK**	15FEB08	65	15MAY08	GPP	181	0.00																																				
411-3-8	Test Cell AC Power Distr-Commission**GPP TASK**	14MAR08*	45	15MAY08	GPP	181	0.00																																				
412 - Experimental AC Power Systems																																											
412-1-2	D-site Pulsed AC Power Distr-Dsn	01OCT07*	65	10JAN08		103	11,964.40	VANKIRK =40hr ;Raki =40hr ;																																			
412-1-4	D-site Pulsed AC Power Distr-Procure	11JAN08	65	10APR08		103	7,025.00	41=05\$K ;																																			
412-1-6	D-site Pulsed AC Power Distr-Install	11APR08	40	06JUN08		103	18,885.76	EE//EM =16hr ; EE//SM =64hr ; EE//TB =80hr ;																																			
412-1-8	D-site Pulsed AC Power Distr-Commission	09JUN08	40	04AUG08		103	11,111.52	EE//EM =24hr ; EE//SM =24hr ; EE//TB =40hr ;																																			
FY05CV-34	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A	GPPX		2,000.00																																				


Run Date 06FEB07 13:25

ECP53 BASELINE EC53
zECP-52
Progress Bar
Critical Activity

NCSX
ECP-53
BASELINE SCHEDULE

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S												O N D J F M A M J J A S O N D J F M A M J J A S												O N D J F M A M J J A S O N D J F M A M J J A S											
FY05VC-34X	FY05 unrecoverable cost variance ecp53 xfr to gp	01OCT04A	251	30SEP05A	GPPX		0.00																																				
43 - DC Systems																																											
Job: 4301 - DC Systems-RAMAKRISHNAN																																											
431 - C-Site DC Systems																																											
431-260	Power loop design	01NOV04A	350*	23DEC05A			111,112.40																																				
431-200	Condition/spare parts inventory	01OCT04A	394*	31OCT07		477	17,968.17	hatcher=24;cropper=120																																			
431-210	Organize & verify documentation	01OCT04A	394*	31OCT07		477	45,786.51	raki=104;cropper=64;nelson=200																																			
431-215	Document status	01OCT04A	394*	31OCT07		477	6,432.66	raki=40																																			
431-225	Reactivate DF & PEI units	01JUL05A	209*	31OCT07		477	14,689.69	Hatcher=16;cropper=24;wisowaty=80 raki=16																																			
431-230	Load test	01JUL05A	209*	31OCT07		477	18,901.12	Hatcher=40;mg wisowaty=120 raki=16																																			
431-240	Simulate each of 6 pwr loops in PSCAD	01OCT07*	40	23NOV07		460	19,562.08	Hatcher=80 ee/tb=64																																			
431-250	c-site dc sys DGS dsn documentation	01OCT07*	40	23NOV07		460	7,719.52	raki=16;jones=40																																			
431-261	Redo power loop design	01OCT07*	40	23NOV07		179	51,976.96	raki=128;jones=240																																			
431-265	Fabricate bus components	26NOV07*	55	21FEB08		179	18,784.72	raki=16;ee/sm=40;ee/tb=120																																			
431-275	Power cabling & Installation	22FEB08*	88	25JUN08		179	222,174.60	raki=40;ee/sm=240;ee/tb=520 powers=90;m&s=7																																			
431-276	Maint of C-site rectifiers	01OCT07*	249	29SEP08		251	21,655.61	ee/tb=173; 41=\$5k																																			
ECP494301	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A			106,000.00																																				
FY05CV-35	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			69,000.00																																				
44 - Control and protection Systems																																											
Job: 4401 - Control & Protection-RAMAKRISHNAN																																											
441 - Electrical Interlocks																																											
441-095	Design Interlock sys	01OCT07*	65	10JAN08		135	33,708.00	raki=80;vankirk=160																																			
441-097	Install Interlock sys	11JAN08	65	10APR08		156	31,568.80	raki=80;ee/sm=120																																			
441-100	PLC Specification	11JAN08	85	08MAY08		135	15,203.76	raki=40;cropper=56																																			
441-105	Prep Block diagrams	11JAN08	85	08MAY08		135	18,687.60	raki=40;cropper=80																																			
441-110	PLC CWD's & Cabling	09MAY08*	85	09SEP08		135	24,494.00	marsala=40;cropper=120																																			
441-115	deliver PLC**DELETED ECP53**	09MAY08*	0	08MAY08		350	0.00																																				
441-120	Program PLC Logic	10SEP08	45	11NOV08		220	25,471.60	lawson=40;cropper=120																																			
441-125	Program Control pages	10SEP08	97	04FEB09		168	26,809.43	schneider=32;cropper=120;sichta=16																																			
441-130	Pre-commissioning tests	11APR08	214	20FEB09		156	26,558.49	raki=40;cropper=120;M&S=1																																			
441-135	Install I/O Cabling	10SEP08	130	23MAR09		135	123,986.15	raki=120;ee/sm=80;Powers=30 k ea/sm=160;ee/tb=160;41=\$8k																																			
442 - Kirk Key Interlocks																																											
442-1-2	Kirk Keys-Dsn	01OCT07*	41	26NOV07		127	16,854.00	EA/DM =80hr ; EE/EM =40hr ;																																			
442-1-4	Kirk Keys-Procure	27NOV07	65	07MAR08		127	14,050.00	41=10\$ k ;																																			
442-1-6	Kirk Keys-Install	10MAR08	40	02MAY08		127	45,351.68	EE/EM =16hr ; EE/SM =16hr ; EE/TB =60hr ;																																			

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 39 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
442-1-8	Kirk Keys-Commission	19MAY08	30	30JUN08		127	7,424.52													EE//EM =16hr ; EE//SM =20hr ; EE//TB =20hr ;																							
443 - Real Time Control Systems																																											
443-1-2	Develop Control Algorithms-Dsn	01OCT07*	142	28APR08		150	14,149.60													EE//EM =80hr ;																							
444 - Instrument Systems																																											
444-2-2	DC Potential Transducers (DCPTs)-Dsn	01OCT07*	95	21FEB08		205	11,579.28													EA//DM =60hr ; EE//EM =24hr ;																							
444-2-4	DC Potential Transducers (DCPTs)-Procure	22FEB08	109	25JUL08		205	8,430.00													41=6k ;																							
444-2-6	DC Potential Transducers (DCPTs)-Install	28JUL08	51	07OCT08		205	19,961.55													EE//EM =16hr ; EE//SM =24hr ; EE//TB =160hr ;																							
444-2-8	DC Potential Transducers (DCPTs)-Commission	08OCT08	40	04DEC08		205	13,569.84													EE//EM =24hr ; EE//SM =24hr ; EE//TB =60hr ;																							
444-3-2	DC Shunts-Dsn	01OCT07*	122	31MAR08		378	16,854.00													VANKIRK =80hr ; Raki =40hr ;																							
444-3-4	DC Shunts-Procure**N/R**	02OCT06	0	29SEP06		749	0.00																																				
444-3-6	DC Shunts-Install**N/R**	02OCT06	0	29SEP06		749	0.00																																				
444-3-8	DC Shunts-Commission**N/R**	02OCT06	0	29SEP06		749	0.00																																				
444-4-2	Signal Conditioning & Cabling-Dsn	01JUL05A	108*	28NOV07		367	41,688.52	EA//DM =80hr ; EE//EM =200hr ;																																			
444-4-4	Signal Conditioning & Cabling-Procure	01JUL05A	241*	18DEC07		336	16,185.51	41=12\$K ;																																			
444-4-6	Signal Conditioning & Cabling-Install	24JAN08	68	28APR08		336	27,924.48													EE//EM =24hr ; EE//TB =280hr ;																							
444-4-8	Signal Conditioning & Cabling-Commission	29APR08	22	29MAY08		336	17,678.96													EE//EM =48hr ; EE//SM =40hr ; EE//TB =40hr ;																							
445 - Coil Protection Systems																																											
445-1-2	Ground Fault Protection-Dsn	01OCT07*	82	04FEB08		151	35,893.20													VANKIRK =120hr ; Raki =120hr ;																							
445-1-4	Ground Fault Protection-Procure	01NOV07*	65	12FEB08		145	25,290.00													41=18\$K ;																							
445-1-6	Ground Fault Protection-Install	13FEB08*	40	08APR08		145	24,190.88													EE//EM =40hr ; EE//SM =48hr ; EE//TB =120hr ;																							
445-1-8	Ground Fault Protection-Commission	07MAY08	20	04JUN08		145	10,434.96													EE//EM =24hr ; EE//SM =24hr ; EE//TB =32hr ;																							
445-2-0	Overload Protection & Cabling-Prelim Dsn	01MAR04A	272	30SEP04A			1,054.90																																				
445-2-105	Overload Protect-Write spec and approve	01OCT07*	20	26OCT07		480	14,149.60													marsala=80																							
445-2-110	Overload Protect-Design	01OCT07*	80	31JAN08		281	31,196.16													lawson=128;elect dsn=32,ee//sm=32																							
445-2-115	Overload Protect-Fabr 4 chassis 120 modls	01FEB08*	79	21MAY08		281	30,699.24													marsala=48;reese=153																							
445-2-120	Overload Protect-Test 4 units	22MAY08	20	19JUN08		281	10,304.96													raki=32;carson=32																							
445-2-125	Overload Protect-Install & Rack wiring	20JUN08	20	18JUL08		281	19,667.08													raki=48;gibilisco=77																							
445-2-130	Overload Protect-Write & perform ISTP	21JUL08	20	15AUG08		281	10,304.96													raki=32;gibilisco=32																							
445-2-135	Overload Protect-Documentation	08OCT07*	180	27JUN08		315	10,653.28													raki=16;elect dsn=64																							
445-2-140	Overload Protection&cabling design,procure instl	01OCT07*	249	29SEP08		251	60,205.25													raki=99;elect dsn=80;ee//sm=45;ee//tb=41=3;powers=10k																							
ECP494401	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A			24,000.00																																				
FY05CV-36	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			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			112,340.00																																				

Run Date 06FEB07 13:25

ECP53 BASELINE


 zECP-52

 Progress Bar

 Critical Activity

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
451 - System Design & Interfaces																																											
4501-100	Design Drawings	02FEB04A	193*	30SEP04A			19,807.80																																				
4501-110	Calculations-FY04	01MAR04A	151*	30SEP04A			0.00																																				
451-0-1	C-Site Decision	30APR04A	0	30APR04A			0.00																																				
451-7-2	FDR DC transmission-Dsn	01MAY04A	0*	28MAY04A			10,084.00																																				
451-7-20	FDR DC transmission		0	28MAY04A			0.00																																				
451-2-1	CDR Power system -Dsn	01DEC04A	208*	31AUG05A			41,299.20																																				
451-0-2	Develop SRD	02APR07*	15	20APR07		612	0.00																																				
451-3-2	Dwgs,asbuilts -Elect Dsn	08OCT07*	245*	30SEP08		250	169,578.40	Jones 1040hr ; Raki =240hr ;																																			
451-2-2	PDR Prep Power system -Dsn	03APR06A	86*	28NOV07		417	46,642.40	vankirk=160;raki=160																																			
451-2-3	PDR Power system -Dsn		0	28NOV07		457	0.00																																				
451-6-2	FDR C-Site -Cabling	01SEP05A	186*	28NOV07		457	34,142.25	VANKIRK =120hr ; Raki =120hr ;																																			
451-2-2.1	FDR C-Site	01NOV05A	101	05FEB08		417	34,587.50	VANKIRK =120hr ; Raki =120hr ;																																			
451-4-2	FDR AC auxiliaries & grounding-Dsn	15FEB08*	45	17APR08		365	11,964.40	VANKIRK =40hr ; Raki =40hr ;																																			
451-1-2	Calculations-Dsn	01OCT07*	249	29SEP08		251	57,576.32	Raki =320hr ;design=8																																			
452 - Electrical Systems Support																																											
452-1-2	Diagnostics AC Power Distr-Dsn	01OCT07*	90	14FEB08		101	29,069.73	ELECT DESIGN =201 ; RAKI =25hr ;																																			
452-1-4	Diagnostics AC Power Distr-Procure	15FEB08	65	15MAY08		141	435.55	41=00\$K ;																																			
452-1-6	Diagnostics AC Power Distr-Install	15FEB08	105	14JUL08		101	25,137.05	ELECT SM =25hr ; ELECT TB =201hr ; RAKI =25hr ;																																			
452-1-8	Diagnostics AC Power Distr-Commission	18JUL08	37	09SEP08		101	10,138.57	ELECT SM =25hr ; ELECT TB =50hr ; RAKI =13hr ;																																			
452-2-2	Diagnostics sensor cabling-Dsn	01OCT07*	43	28NOV07		145	8,381.57	ELECT DESIGN =50 ; RAKI =13hr ;																																			
452-2-4	Diagnostics sensor cabling-Procure	03DEC07	65	11MAR08		145	885.15	41=01\$K ;																																			
452-2-6	Diagnostics sensor cabling-Install	12MAR08	43	09MAY08		145	7,055.23	ELECT SM =10hr ; ELECT TB =50hr ; RAKI =08hr ;																																			
452-2-8	Diagnostics sensor cabling-Commission	12MAY08	40	08JUL08		145	2,027.48	ELECT SM =05hr ; ELECT TB =10hr ; RAKI =03hr ;																																			
453 - System Testing (PTP's)																																											
453-1-2	New Procedures	01OCT07*	90	14FEB08		153	71,786.40	EA/DM =240hr ; EE//EM =240hr ;																																			
453-1-4	Preop Testing-Procure test equipt	15FEB08*	65	15MAY08		188	35,125.00	41=25\$K ;																																			
453-1-8	Testing PTPs, ISTPs	25APR08*	100	16SEP08		103	216,522.88	EE//SM =240hr ; EE//TB =376hr ; ee//em=768 ; 41=10																																			
FY07 Rebaseline Exercise																																											
ECP53RBX15	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	6,755.20	EE//EM =40hr ;																																			
ECP494501	ECP49 job closeout for fy06	01OCT05A	251	31JUL06A			5,000.00																																				
FY05CV-37	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-52,000.00																																				
46 - FCPC Building Modifications																																											
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN																																											
Prior Costs																																											
4601-001	Apr-Sept MIE Cost	01APR03A	43*	30SEP03A			1,300.00																																				

Run Date 06FEB07 13:25



 ■ ECP53 BASELINE

 ■ zECP-52

 ■ Progress Bar

 ■ Critical Activity


ECP53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 41 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O												N D J F M A M J J A S O												N D J F M A M J J A S O											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
57 - Control Room Facility																																											
Job: 5701 - Control Room Facility-SICHTA																																											
57-10		02OCT06	0	29SEP06		749	0.00																																				
58 - Central I&C management and Integration																																											
Job: 5801 - Central I&C Integr& Oversight-SICHTA																																											
51-00	FY03	01APR03A	250*	30SEP03A			11,900.00																																				
51-01	FY04 LOE support	01OCT03A	250*	30SEP04A			16,000.00																																				
51-02	FY05 LOE support	01OCT04A	249*	30SEP05A			12,462.26																																				
58-FY06	FY07 LOE support	01MAY06A	107*	29SEP06A			11,992.80	EC//EM =80hr ;																																			
58-FY07	FY07 LOE support	02OCT07*	249*	30SEP08		250	12,194.40	EC//EM=80																																			
FY05CV-38	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-7,000.00																																				
FY06CV-180	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			340.00																																				
61 - Water Systems																																											
Job: 6101 - Water Systems-DUDEK																																											
613 - Vacuum Pumping System																																											
623.011	Design WBS 612 **N/R**	01NOV07*	59	04FEB08		209	0.00																																				
632.021	WBS 612 Assembly/Fabrication/Installation	05FEB08	40	31MAR08		209	13,423.00	em/em=10 em/tb=58; 41=\$5k																																			
62 - Cryogenic Systems																																											
Job: 6200 - Cryost Cooling Conc Dsn-GETTELFINGER																																											
6200-505	Analyze thermal response.Deter perf reqmts	13SEP07*	15	03OCT07		106	23,926.56	BROOKS =48hr ; GETTELFINGER =96hr ;																																			
6200-510	Peer review of thermal model & perf requirements	04OCT07	5	10OCT07		106	5,245.12	GETTELFINGER =32hr ;																																			
6200-515	Conceptual design for cryostat cooling sys (CCS)	11OCT07	15	31OCT07		106	27,470.40	GETTELFINGER =96hr ; MORRIS =96hr ;																																			
6200-520	Prototype CCS elements in CTF use a MC as load.	01NOV07*	40	08JAN08		106	112,692.64	41=20\$K ; EM/TB =512hr ; GERNHARDT =48hr ; GETTELFINGER =208hr ;																																			
6200-525	Conduct CDR for cryostat cooling system design.	09JAN08	5	15JAN08		106	5,245.12	GETTELFINGER =32hr ;																																			
Job: 6201 - Cryogenic Systems-DUDEK																																											
621 - LN2-LHe Supply System																																											
631-001	Preliminary Design	01OCT07*	30	09NOV07		247	14,587.99	EM/EM =89hr ;																																			
631-010	Final Design**reduced scope	12NOV07	30	03JAN08		247	16,543.83	EM/EM =89hr ; EA/DM =176-160=16hr ;																																			
631-020	Procurement **reduced scope	04JAN08	88	06MAY08		247	123,078.00	41=88\$K -51.4=36.6 ;																																			
631-015	Fab/Assy/Installation**reduced scope	29FEB08	65	30MAY08		247	68,281.06	EM/EM =89hr ; EM/SM =140-116=24hr ; EM/TB =580-170=410hr ;																																			
622 - LN2 Coil Cooling Supply																																											
632-001	**deleted scope	02OCT06	0	29SEP06		749	0.00	FOM ENGR =00hr ;																																			
623 - GN2 Cryostat Cooling System																																											
633-001	Preliminary Design	01OCT07*	20	26OCT07		232	14,587.99	EM/EM =89hr ;																																			

Run Date 06FEB07 13:25



 ECP53 BASELINE

 zECP-52

 Progress Bar

 Critical Activity

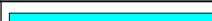



EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 43 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09																								
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O
633-020	Procurement	12DEC07	130	20JUN08		232	112,329.75																																																	
633-010	Final Design	29OCT07	30	11DEC07		232	24,367.19																																																	
633-015	Fab/Assy/Installation	19FEB08	88	20JUN08		232	68,412.79																																																	
63 - Utility Systems																																																								
Job: 6301 - Utility Systems-DUDEK																																																								
640.011	Design GN2, Air & Vent Systems	01OCT07*	59	02JAN08		244	32,671.20																																																	
640.021	Assembly/Fabrication	03JAN08	40	27FEB08		244	70,455.58																																																	
64 - PFC/VV Heating & Cooling*ELIMINATED*																																																								
Job: 6401 - PFC/VV Htng/Cooling(bakeout)-tDUDEK																																																								
650.001	Eliminated scope	02OCT06	0	29SEP06		749	0.00																																																	
65 - Facility Systems Integration																																																								
Job: 6163 - Facility Systems Support FY04-DUDEK																																																								
65-03	LOE WBS 6	01OCT03A	250*	30SEP04A			15,000.00																																																	
Job: 6501 - Facility Systems Integration-DUDEK																																																								
Prior Costs																																																								
6501-001	Apr-Sept MIE Cost PPPL	01APR03A	0	30SEP03A			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			32,150.00																																																	
FY06CV-185	ECP45 FY06 cv	01OCT05A	251*	30MAR06A			490.00																																																	
72 - Control Room Refurbishment																																																								
Job: 7201 - Control Room Walls&Floors-PERRY																																																								
710.001	Install Wall east side control room	02OCT06*	24	02NOV06		707	0.00	Funded by GPP **ECP34**																																																
711B.050	Complete Control Room Flooring **post CD-4**	03NOV06*	18	30NOV06		707	0.00																																																	
73 - Platform Design & Fabrication																																																								
Job: 7301 - Platform Design & Fab-PERRY																																																								
712.008	Update Platform Specification	01JUN05A	0*	30JUN05A			6,416.80																																																	
712.010	Final Design	02MAY05A	43*	30JUN05A			53,163.80																																																	
711A.040	Platform nut plates	01APR05A	166*	31JAN08		169	28,755.73	em/tb mech shop =360 hrs;41=\$1k																																																
712.020	Platform Parts	03DEC07*	22	10JAN08		184	25,249.24	PERRY=410;em/sm=23;em/tb=250																																																
712.030	Miscs Hardware/Material	01JUL05A	83*	31OCT07		226	45,761.87	41=\$35k																																																
FY05CV-39	FY05 unrecoverable cost variance	01OCT04A	251	30SEP05A			-50,000.00																																																	

Run Date 06FEB07 13:25

	ECP53 BASELINE
	zECP-52
	Progress Bar
	Critical Activity

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 44 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
Job: 7503 - Machine Assembly (station 6)-PERRY																																											
Revised Assembly Logic (ecp18)																																											
7503-010	Begin Assembly Activities	17JUN08*	0			73	0.00																																				
7503-020	Install & Level Support Base Plates	17JUN08	8	26JUN08	2	73	66,907.80																																				
7503-030	Install/Level FPA's and Spool Piece supports	27JUN08	15	18JUL08	2	73	133,815.60																																				
7503-060	Install Lower PF 4,5&6 into prelim position	07AUG08	2	08AUG08		73	4,780.48																																				
7503-070	Install 3 Spool Pieces on fixt & test movement	21JUL08	10	01AUG08		73	44,605.20																																				
7503-080	FPA-1 Installed on support platform		0	01AUG08		73	0.00																																				
7503-090	Install local Platforms around FPA-1	12AUG08	5	18AUG08	2	73	44,605.20																																				
7503-110	FPA-2 Installed on support platform		0	01AUG08		73	0.00																																				
7503-120	Test movement of FPA-1& -2 & position checks.	04AUG08	5	08AUG08		73	22,302.60																																				
7503-130	Install local Platforms around FPA-2	06AUG08	3	08AUG08		73	44,605.20																																				
7503-150	FPA-3 Installed on support platform		0	08AUG08		73	0.00																																				
7503-160	Position all FPA's / Spool Pieces @ MC Interface	11AUG08	6	18AUG08		73	26,763.12																																				
7503-170	FPA Metrology Checks to Assure Alignment	19AUG08	3	21AUG08		73	3,257.04																																				
7503-190	Install local Platforms around FPA-3	22AUG08	5	28AUG08	2	73	44,605.20																																				
7503-180	MC Interfaces: shim, ream holes ,bolt together	29AUG08	15	19SEP08		73	86,599.80																																				
7503-200	Mate-up and weld all VV-to-Spool interfaces	22SEP08	15	10OCT08		73	77,638.88																																				
7503-240	Bolt on preassembled pump duct	13OCT08	5	17OCT08		73	19,623.20																																				
7503-240.1	Install insulation boots	20OCT08	5	24OCT08	2	73	27,827.20																																				
7503-240.2	Install insulation	27OCT08	2	28OCT08	2	73	6,261.12																																				
7503-250	Begin Vac Vsl Pumpdown	29OCT08	0			73	0.00																																				
								<p>EA/EM =40hr ; EM/TB =320hr ; EM//SM =80hr ;</p> <p>EA/EM =60hr ; EM/TB =720hr ; EM//SM =120hr ;</p> <p>EM//SM =120hr ; EM/TB =720hr ;</p> <p>EM//SM =40hr ; EM/TB =160hr ;</p> <p>EM//TB =320hr ; ?TBD</p> <p>EM//TB =72hr ; ?TBD</p> <p>*****</p> <p>PUMP DOWN OF VACUUM VESSEL DOE LEVEL 2 MILESTONE PEP DATE = FEBRUARY 2009</p> <p>*****</p> <p>EM//SM =80hr ; EM//TB =480hr ;</p> <p>EA/EM =40hr ; EM//TB =480hr ; EM//SM =80hr ;</p> <p>EA/EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;</p> <p>EA/EM =24hr ; EM//TB =192hr ; EM//SM =48hr ;</p> <p>EA/EM =16hr ; EM//TB =128hr ; EM//SM =32hr ;</p> <p>EA/EM =16hr ; EM//TB =128hr ; EM//SM =32hr ;</p> <p>EM//SM =80hr ; EM//TB =320hr ;</p> <p>EM//SM =160hr ; EM//TB =960hr ;</p> <p>EM//SM =160hr ; EM//TB =320hr ;</p>																																			
7503-260	PTP Pumpdown & leak check VV	29OCT08	10	11NOV08		73	53,160.00																																				
7503-210	Fit-up all TF coils	13OCT08	10	24OCT08		73	61,188.40																																				
7503-270	Raise lower PF 4,5&6 coils into final position	27OCT08	6	03NOV08		73	28,364.88																																				
7503-280	Install Upper PF 4,5 & 6 coils	04NOV08	6	11NOV08		73	28,364.88																																				
7503-290	Install PF Solenoid into position (U/L PF1,2,3)	12NOV08	4	17NOV08		73	18,909.92																																				
7503-290A	Install trim coils	18NOV08	5	24NOV08		73	18,909.92																																				
7503-310	Complete LN2 connections	25NOV08	10	10DEC08		73	39,246.40																																				
7503-320	Complete Elect Pwr connections	25NOV08	10	10DEC08	2	73	106,320.00																																				
7503-321	Complete mag diag & machine I&C	25NOV08	10	10DEC08	2	73	50,665.60																																				

Run Date 06FEB07 13:25

EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 46 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S																																			
								7503-330	Begin Cryostat Installation	11DEC08	0			73	0.00	***** BEGIN CRYOSTAT INSTALLATION DOE LEVEL 2 MILESTONE PEP DATE = APRIL 2009 *****																											
7503-340	Install Cryostat Base, vapor barrier & port boots	11DEC08	10	02JAN09		73	39,246.40	EM//SM =80hr ; EM//TB =320hr ;																																			
7503-350	Install Cryostat upper section, VB and port boots	05JAN09	10	16JAN09		73	39,246.40	EM//SM =80hr ; EM//TB =320hr ;																																			
7503-360	Install Midplane Cryostat sections and port boot	19JAN09	15	06FEB09		73	58,869.60	EM//SM =120hr ; EM//TB =480hr ;																																			
7503-370	Install Cryostat Circulation Duct	09FEB09	5	13FEB09		73	19,623.20	EM//SM =40hr ; EM//TB =160hr ;																																			
730.1248	ACC Review	12JAN09	20	06FEB09		73	0.00																																				
730.1249	PSO Operational Readiness Assessment	09FEB09	5	13FEB09		73	0.00																																				
730.1250	PSO Operational Readiness Assessment		0	13FEB09		73	0.00	***** COMPLETE OPERATIONAL READINESS ASSESSMENT DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																																			
730.8200	PTP and Cooldown	16FEB09	10	27FEB09		73	67,058.40	EM//EM =80hr ; EM//SM =80hr ; EM//TB =480hr ;																																			

76 - Tooling Design & Fabrication

Job: 7601 - Tooling Design & Fabrication-PERRY

Activity ID	Description	Start	Duration	Finish	Shifts	Total Float	ECP-53	Notes
713.020	Lab Fab/Assy/Installation	01OCT07*	329*	30JAN09		171	30,691.35	PERRY=80;em/sm=42;em/tb=140
713.030	Tooling,assy fixtures,misc equipt	01OCT07*	329*	30JAN09		171	84,804.26	41=\$60k
713.040	General procurements	01OCT07*	329*	30JAN09		171	63,603.19	41=\$45k
713.050	Welding tools, materials & equipt	01OCT07*	329*	30JAN09		171	56,536.17	41=\$40k

81 - Project Management and Control

Job: 8101 - Project Management & Control-NEILSON

+ Prior Costs								
		01APR03A	885	29SEP06A			1,920,581.73	
FY07 Rebaseline Exercise								
ECP53RBX16	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	8,722.52	R//RM3 =38hr ;
ECP53RBX17	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	0.00	FC//AM =00hr ;
810.004	Project Management Office PPPL FY06	03OCT05A	249*	29SEP06A			634,642.72	hutch=1503 85% 41=06\$K ; 35=08\$K ; strykowsky=1592 90% ; pam=312 15% ; phil=0%
810.005	Project Management Office PPPL FY07	02OCT06*	249*	28SEP07		500	543,588.07	hutch=1294 75% ; strykowsky=1381 80% ; pam=416 20%
810.900	Project Management Office PPPL FY08	01OCT07*	250*	30SEP08		250	448,055.63	hutch=863 50% strykowsky=1238 70% ; pam=624
810.909	Project Management Office PPPL FY09	01OCT08*	163*	29MAY09		87	83,597.30	hutch=190 11% strykowsky=190 11% ; 35=1

Job: 8102 - NCSX MIE Management ORNL-LYON

+ Prior Costs								
		01APR03A	885	29SEP06A			255,968.98	
FY07 Rebaseline Exercise								
ECP53RBX18	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	2,699.20	ORNLEM =16hr ;

Run Date 06FEB07 13:25

EC53

**NCSX
ECP-53
BASELINE SCHEDULE**

Sheet 47 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
810.104	Project Management Office ORNL FY06	01OCT05A	249*	29SEP06A			173,610.65	ORNLRM =850hr Lyon 50-% ORNL41 =2\$ ornlam=95 Admin 5%																																			
810.104X	Project Management Office ORNL FY07	02OCT06	249*	28SEP07		500	64,764.50	ORNLRM =530hr 30% ORNL41 =2\$																																			
810.105X	Project Management Office ORNL FY08	02OCT07*	248*	29SEP08		251	36,106.00	ORNLRM =180hr 10% ORNL41 =2\$ ornlam=88 5%																																			
82 - Project Engineering																																											
Job: 8202 - Engr Mgmt & Sys Eng Support-REIERSEN																																											
+ Prior Costs																																											
		01APR03A	885	29SEP06A			2,275,876.34																																				
FY07 Rebaseline Exercise																																											
ECP53RBX19	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	30,734.30	SIMMONS =170hr ;																																			
820.04X	Proj engr FY07	02OCT06*	246*	25SEP07		503	397,577.03	wayne=1467;35=5k;dudek=690 such=173;																																			
8205FY07	Systems Engineering Support FY07	02OCT06*	246*	25SEP07		503	93,649.22	simmons=518																																			
820.004Z	Proj engr FY08	02OCT07*	246*	25SEP08		253	249,760.37	wayne=1036 60%;35=5k;dudek=1 such=173																																			
820.005	Proj engr FY09	01OCT08*	163*	29MAY09		87	52,618.14	wayne=234 20%;35=3																																			
Job: 8203 - Design Integration-BROWN																																											
+ Prior Costs																																											
		01APR03A	885	29SEP06A			712,348.70																																				
8203-06	Complt rvw of machine assembly approach	02OCT06*	4	05OCT06		745	0.00																																				
8203-07	Rvw cryostat & conventional magnet sys design	02OCT06*	9	12OCT06		740	0.00																																				
8203-08	tolerance reqmnts for MCsupt install fixt dwgs	02OCT06*	39	27NOV06		710	0.00																																				
8203-09	Machine supt dsn f/compatibility with assy reqt	02OCT06*	12	17OCT06		737	0.00																																				
8203-10	Dynamic simul MC half period install fixt w/ Pro	02OCT06*	42	30NOV06		707	0.00																																				
8203-11	Document NCSX Interlink& dwg control process	02OCT06*	11	16OCT06		738	0.00																																				
8203-12	Update definition VV spool piece assy simul	02OCT06*	19	26OCT06		730	0.00																																				
8203FY06	Design Integration FY06	03OCT05A	249*	29SEP06A			140,201.64	ea/sm=432 25% brown=518 30%																																			
8203FY07	Design Integration FY07	02OCT06*	249*	28SEP07		500	193,445.30	brown=1070 62%																																			
8203FY07M	Design Integration FY07	25JUN07*	39*	17AUG07		529	37,344.00	morris=320																																			
8203GY07M	Design Integration FY07	01MAY07*	43*	29JUN07		563	14,004.00	morris=120																																			
Job: 8204 - Systems Analysis-BROOKS																																											
+ Prior Costs																																											
		01APR03A	885	29SEP06A			644,052.25																																				
8204FY06	Systems Analysis FY06	03OCT05A	249*	29SEP06A			225,407.70	brooks=1295 75%																																			
8204FY06.1	Systems Analysis FY06	01MAY06A	106*	29SEP06A			75,019.86	fan=431																																			
8204FY06.2	Systems Analysis FY06	01MAY06A	107*	29SEP06A			26,074.19	brooks add'l 25%=150hrs																																			

Run Date 06FEB07 13:25

■ ECP53 BASELINE

 ■ zECP-52

 ■ Progress Bar

 ■ Critical Activity

ECP53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 48 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S												O N D J F M A M J J A S O N D J F M A M J J A S												O N D J F M A M J J A S O N D J F M A M J J A S											
8204FY07	Systems Analysis FY07	02OCT06*	249*	28SEP07		500	249,634.83	brooks=1380 (80%)																																			
Job: 8205 - Dimensional Control Coordin-REIERSEN																																											
+ Prior Costs																																											
		01OCT04A	500	29SEP06A			49,458.84																																				
METFY06R	Metrology for FP & machine assy FY06	03OCT05A	249*	29SEP06A			189,307.03	raftoplous (measurement) 25%=415hrs stratton=707 hrs 40%																																			
METFY07R	Metrology for FP & machine assy FY07	03OCT06*	248*	28SEP07		500	31,276.67	raftoplous (measurement) 10% =173hrs																																			
METFY07R1	Metrology for FP & machine assy FY07 ecp53	01FEB07*	169*	28SEP07		500	63,276.50	ellis=350																																			
METFY08R	Metrology for FP & machine assy FY08	03OCT07*	247*	29SEP08		251	32,761.01	raftoplous (measurement) 10% =																																			
Job: 8206 - FY07 Rebaseling tasks																																											
FY07 Rebaseline Exercise																																											
ECP53RBX23	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	20,032.00	EM//EM =128hr ;																																			
ECP53RBX24	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	16,226.56	EC//EM =112hr ;																																			
ECP53RBX25	FY07 Rebaseline exercise	01FEB07*	85*	31MAY07		584	3,715.36	EE//EM =22hr ;																																			
+ 84 - Project Physics																																											
		01APR03A	757	30MAR06A			471,072.20																																				
85 - Integrated Systems Testing																																											
Job: 8501 - Integrated Systems Testing-GENTILE																																											
920.001	Procedure and Document Preparation	27MAY08*	150	06JAN09		101	355,410.72	em//em=1162;em//sm=1162																																			
920.000	Startup Personnel	08JAN09	72	17APR09		73	421,878.48	em//em=428, ee//em=503, ec//em=125 em//sm=855, ee//sm=0, em//tb=126 r//rm2=428;ee//tb=250																																			
920.004	Begin Start-up Testing	02MAR09	0			73	0.00	***** BEGIN STARTUP TESTING DOE LEVEL 2 MILESTONE PEP DATE = JUNE 2009 *****																																			
920.005	Punch list,Cmplt PTP's,Reconfig, Rm temp Hi-pot	08JAN09	37	27FEB09		73	0.00																																				
920.010	Field Coil Testsing,FCPC test & E-Beam Mapping	02MAR09	25	03APR09		73	0.00																																				
920.020	Final ISTP	06APR09	7	14APR09		73	0.00																																				
920.021	Operations Approval	15APR09	3	17APR09		73	0.00																																				
730.9000	First Plasma		0	17APR09		73	0.00	***** COMPLETE CD-4 FIRST PLASMA DOE LEVEL 1 MILESTONE PEP DATE = JULY 2009 *****																																			
M-0120	CD-4 First Plasma		0	31JUL09*		0	0.00	*****																																			
PPPL Allocations																																											
Job: 8998 - Allocations-STRYKOWSKY																																											
+ Prior Costs																																											
		01APR03A	885	29SEP06A			869,925.80																																				

Run Date 06FEB07 13:25



EC53

NCSX
ECP-53
BASELINE SCHEDULE

Sheet 49 of 50

Activity ID	Activity Description	Forecast Start	Forecast Duration (work days)	Forecast Finish	Shifts	Total Float in days (21 days= 1 mo.)	ECP-53	FY07												FY08												FY09											
								O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S
99.06	PPPL Allocations FY06	03OCT05A	249*	29SEP06A			329,764.50	54=187.9																																			
99.07	PPPL Allocations FY07	02OCT06*	249*	28SEP07		500	322,436.40	54=187.9																																			
99.08	PPPL Allocations FY08	01OCT07*	249*	29SEP08		251	166,336.61	54=92.77																																			
Future adjustments and credits																																											
99.07W	Scrap value of Kirksite dies (minimum sale price	01MAY07A	22*	31MAY07A			-222,500.00													81=-222.491\$k																							
99.07X	Retroactive MHX exclusion	01MAY07A	22*	31MAY07A			-232,000.00													81=-232\$k																							
99.07Y	Overhead rate reduction estimate for FY07 only	01JUN07A	22*	28SEP07A			-56,000.00													81=-56\$k																							
99.07Z	Overhead rate reduction estimate for FY07 only	01MAY07A	22*	31MAY07A			-110,000.00													81=-110\$k																							
Contingency																																											
Contingency-Project																																											
FY06CV	Contingency setaside for balance of FY06 cv	03OCT05A	1*	29SEP06A			1,398,000.00																																				
99.106	Contingency setaside for FY07 1st qrt cv	02OCT06*	58*	22DEC06		691	690,000.00																																				
99.107	Contingency FY07	02JAN07*	191*	28SEP07		500	913,000.00																																				
99.108	Contingency FY08	01OCT07*	250*	30SEP08		250	2,900,952.00																																				
99.109	Contingency FY09	01OCT08*	99*	27FEB09		151	131,392.00																																				
DCMA																																											
DCMAFY04	DCMA	01OCT03A	256*	30SEP04A			75,000.00																																				