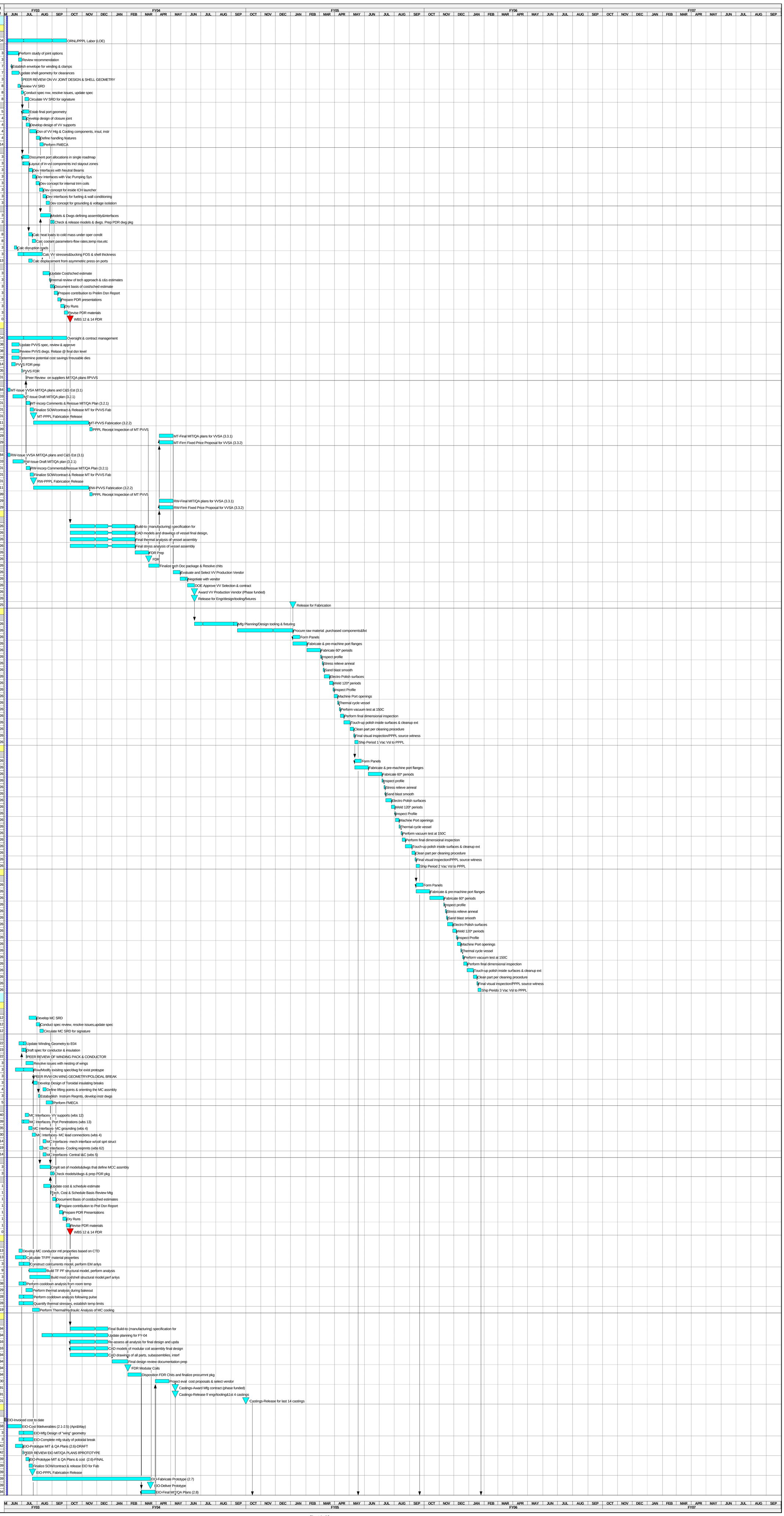
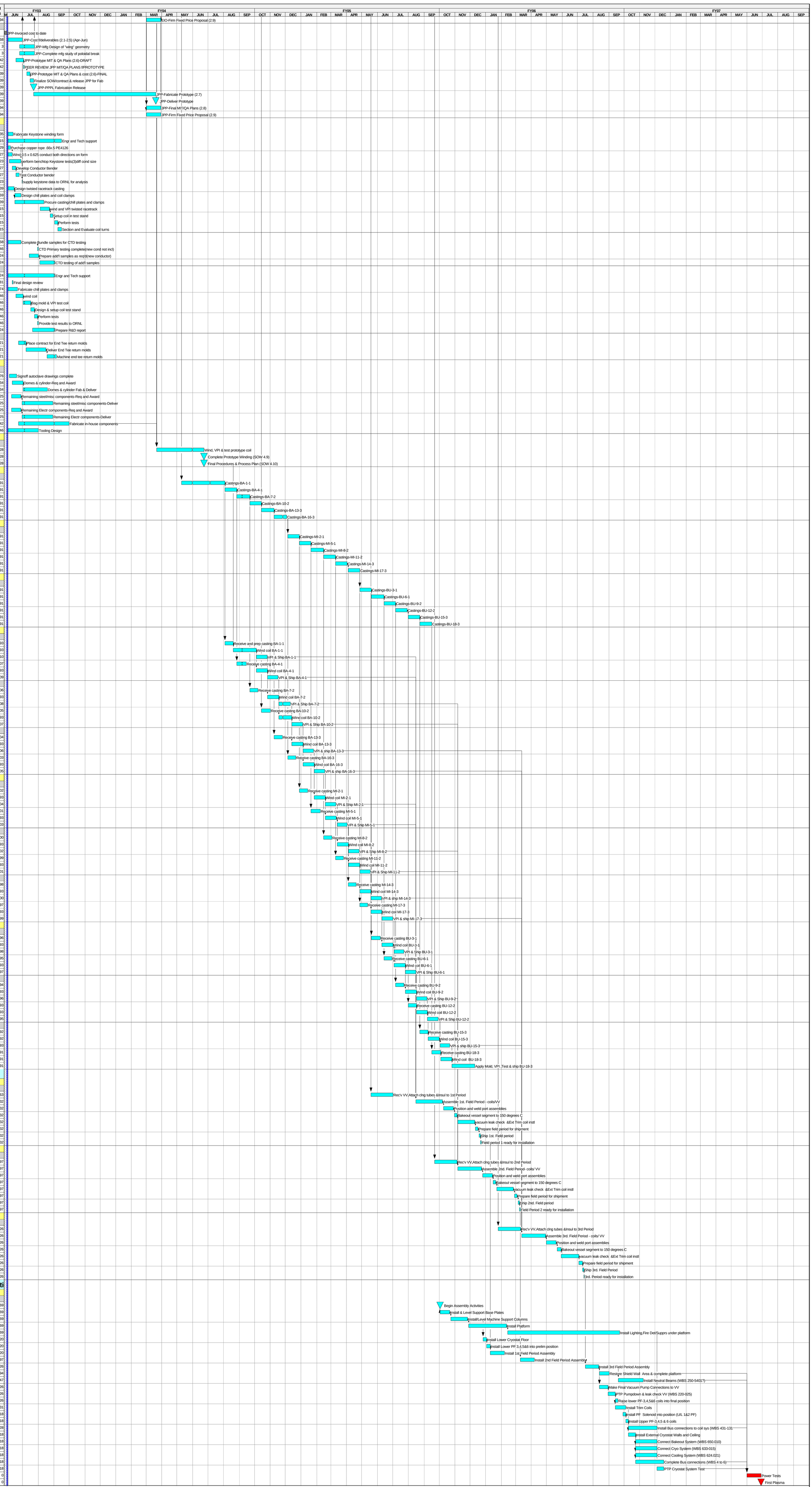
Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float
12 - Vacuum Vessel Systems					
Job: 1201 - Vacuum Vessel Prelim Dsn-GORANSON					
June - Sept Estimate					
1201-050	ORNL/PPPL Labor (LOE)	02JUN03*	85*	30SEP03	2,304
VV Shell & Joint Design					
1201-100	Perform stuidy of joint	02JUN03	16	23JUN03	3
1201-105	Review recommendation	24JUN03	5	30JUN03	3
1201-110	Establish envelope for	09JUN03*	2	10JUN03	7
1201-115	Update shell geometry for	11JUN03	10	24JUN03	7
1201-120	PEER REVIEW ON VV	01JUL03	1	01JUL03	3
1201-125	Review VV SRD	23JUN03*	5	27JUN03	8
1201-130	Conduct spec rvw, resolve	30JUN03	4	03JUL03	8
1201-135	Circulate VV SRD for	07JUL03	6	14JUL03	8
VV Prelim Design					
1201-150	Estab final port geometry	02JUL03	9	15JUL03	5
1201-160	Develop design of closure	02JUL03	5	09JUL03	4
1201-170	Develop design of VV	10JUL03	5	16JUL03	4
1201-180	Dsn of VV Htg & Cooling	17JUL03	10	30JUL03	4
1201-190	Define handling features	31JUL03	5	06AUG03	4
1201-200	Perform FMECA	07AUG03	5	13AUG03	14
VV Interfaces					
1201-210	Document port allocations	02JUL03	9	15JUL03	3
1201-220	Layout of in-vsl	02JUL03	9	15JUL03	3
1201-230	Dev Interfaces with Neutral	16JUL03	5	22JUL03	3
1201-240	Dev Interfaces with Vac	23JUL03	5	29JUL03	3
1201-250	Dev concept for internal	30JUL03	5	05AUG03	3
1201-260	Dev concept for inside ICH	06AUG03	5	12AUG03	3
1201-270	Dev interfaces for fueling &	13AUG03	5	19AUG03	3
1201-280	Dev concept for grounding	20AUG03	5	26AUG03	3
VV Models & drawings					
1201-290	Models & Dwgs defining	08AUG03	15	28AUG03	3
1201-300	Check & release models &	29AUG03	4	04SEP03	3
Design Basis Analyses					
1201-305	Calc heat loads to cold	15JUL03*	5	21JUL03	8
1201-315	Calc coolant	22JUL03	5	28JUL03	8
1201-325	Calc disruption loads	16JUN03*	5	20JUN03	3
1201-335	Calc VV stresses&bucking	23JUN03	35	11AUG03	3
1201-345	Calc displacement from	15JUL03*	5	21JUL03	13
PDR/EIR Preparations					
1201-355	Update Cost/sched	13AUG03*	10	26AUG03	3
1201-365	Internal review of tech	27AUG03	1	27AUG03	3
1201-375	Document basis of	28AUG03	5	04SEP03	3
1201-380	Prepare contribution to	05SEP03	5	11SEP03	3
1201-390	Prepare PDR presentations	12SEP03	5	18SEP03	3
1201-470	Dry Runs	19SEP03	5	25SEP03	3
1201-480	Revise PDR materials	26SEP03	5	02OCT03	3
1201-500	WBS 12 & 14 PDR		0	07OCT03*	0
Job: 1202 - Vacuum Vessel R&D-VIOLA					
VV Subcontractor Oversight					
1202-050	Oversight & contract	02JUN03	85*	30SEP03	2,304
1202-100	Update PVVS spec, review	11JUN03*	11	25JUN03	208
1202-105	Review PVVS dwgs.	11JUN03*	11	25JUN03	208
1202-110	Determine potential cost	11JUN03*	11	25JUN03	208
1202-115	PVVS FDR prep	10JUN03*	6	17JUN03	214
1202-120	PVVS FDR	01JUL03*	1	01JUL03	205
1202-123	Peer Review on suppliers	09JUL03*	1	09JUL03	201
Major Tool Subcontract (S04344F)					
1202-303	MT-Issue VVSA MIT/QA	02JUN03	5*	06JUN03	2,384
1202-305	MT-Issue Draft MIT/QA plan	13JUN03*	15	03JUL03	203
1202-310	MT-Incorp Comments &	10JUL03	6	17JUL03	201
1202-315	Finalize SOW/contract &	18JUL03	5	24JUL03	201
1202-320	MT-PPPL Fabrication		0	24JUL03	201
1202-325	MT-PVVS Fabrication	25JUL03	81	14NOV03	211
1202-327	PPPL Receipt Inspection of	17NOV03	5	21NOV03	199
1202-330	MT-Final MIT/QA plans for	07APR04	21	05MAY04	129
1202-335	MT-Firm Fixed Price	07APR04	21	05MAY04	129
Rohwedder Subcontract (S04345F)					
1202-403	RW-Issue VVSA MIT/QA	02JUN03	5*	06JUN03	2,384
1202-405	RW-Issue Draft MIT/QA	13JUN03*	15	03JUL03	203
1202-410	RW-Incorp	10JUL03	6	17JUL03	201
1202-415	Finalize SOW/contract &	18JUL03	5	24JUL03	201
1202-420	RW-PPPL Fabrication		0	24JUL03	201
1202-425	RW-PVVS Fabrication	25JUL03	81	14NOV03	211
1202-427	PPPL Receipt Inspection of	17NOV03	5	21NOV03	199
1202-430	RW-Final MIT/QA plans for	07APR04	21	05MAY04	129
1202-435	RW-Firm Fixed Price	07APR04	21	05MAY04	129
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON					
121-4-3	Build-to (manufacturing)	08OCT03*	86	17FEB04	126
121-6-1	CAD models and drawings	08OCT03*	86	17FEB04	126
121-6-2	Final thermal analysis of	08OCT03*	86	17FEB04	126
121-6-3	Final stress analysis of	08OCT03*	86	17FEB04	126
121-6-4	FDR Prep	18FEB04*	20	16MAR04	126
121-6-5	FDR		0	16MAR04	126
121-6-6	Finalize tech Doc package	17MAR04	15	06APR04	126
121-6-8	Evaluate and Select VV	06MAY04	10	19MAY04	126
121-6-83	Negotiate with vendor	20MAY04	10	03JUN04	126
121-6-85	DOE Approve VV Selection	04JUN04	10	17JUN04	126
121-6-9	Award VV Production		0	17JUN04	126
121-6-9.1	Release for		0	17JUN04	126
121-36-9.2	Release for Fabrication		0	05JAN05	125
Period #1					
121-100	Mfg Planning/Design	18JUN04	60	13SEP04	126
121-110	Procure raw material	14SEP04	80	05JAN05	126
121-120	Form Panels	06JAN05	10	19JAN05	126
121-125	Fabricate & pre-machine	06JAN05	20	02FEB05	126
121-130	Fabricate 60* periods	03FEB05	20	02MAR05	126
121-140	Inspect profile	03MAR05	2	04MAR05	126
121-150	Stress relieve anneal	07MAR05	2	08MAR05	126
121-160	Sand blast smooth	09MAR05	2	10MAR05	126
121-170	Electro Polish surfaces	11MAR05	7	21MAR05	126
121-180	Weld 120* periods	22MAR05	5	28MAR05	126
121-190	Inspect Profile	29MAR05	2	30MAR05	126
121-200	Machine Port openings	31MAR05	5	06APR05	126
121-210	Thermal cycle vessel	07APR05	2	08APR05	126
121-220	Perform vacuum test at	11APR05	2	12APR05	126
121-230	Perform final dimensional	13APR05	5	19APR05	126
121-240	Touch-up polish inside	20APR05	9	02MAY05	126
121-250	Clean part per cleaning	03MAY05	5	09MAY05	126
121-260	Final visual	10MAY05	2	11MAY05	126
121-270	Ship Period 1 Vac Vsl to	12MAY05	5	18MAY05	126
Period #2					
121-120-3	Form Panels	12MAY05	10	25MAY05	126
121-125-3	Fabricate & pre-machine	12MAY05	20	08JUN05	126
121-130-3	Fabricate 60* periods	09JUN05	20	06JUL05	126
121-140-3	Inspect profile	07JUL05	2	08JUL05	126
121-150-3	Stress relieve anneal	11JUL05	2	12JUL05	126
121-160-3	Sand blast smooth	13JUL05	2	14JUL05	126
121-170-3	Electro Polish surfaces	15JUL05	7	25JUL05	126
121-180-3	Weld 120* periods	26JUL05	5	01AUG05	126
121-190-3	Inspect Profile	02AUG05	2	03AUG05	126
121-200-3	Machine Port openings	04AUG05	5	10AUG05	126
121-210-3	Thermal cycle vessel	11AUG05	2	12AUG05	126
121-220-3	Perform vacuum test at	15AUG05	2	16AUG05	126
121-230-3	Perform final dimensional	17AUG05	5	23AUG05	126
121-240-3	Touch-up polish inside	24AUG05	9	05SEP05	126
121-250-3	Clean part per cleaning	06SEP05	5	12SEP05	126
121-260-3	Final visual	13SEP05	2	14SEP05	126
121-270-3	Ship Period 2 Vac Vsl to	15SEP05	5	21SEP05	126
Period #3					
121-120-2	Form Panels	15SEP05	10	28SEP05	126
121-125-2	Fabricate & pre-machine	15SEP05	20	12OCT05	126
121-130-2	Fabricate 60* periods	13OCT05	20	09NOV05	126
121-140-2	Inspect profile	10NOV05	2	11NOV05	126
121-150-2	Stress relieve anneal	14NOV05	2	15NOV05	126
121-160-2	Sand blast smooth	16NOV05	2	17NOV05	126
121-170-2	Electro Polish surfaces	18NOV05	7	28NOV05	126
121-180-2	Weld 120* periods	29NOV05	5	05DEC05	126
121-190-2	Inspect Profile	06DEC05	2	07DEC05	126
121-200-2	Machine Port openings	08DEC05	5	14DEC05	126
121-210-2	Thermal cycle vessel	15DEC05	2	16DEC05	126
121-220-2	Perform vacuum test at	19DEC05	2	20DEC05	126
121-230-2	Perform final dimensional	21DEC05	5	27DEC05	126
121-240-2	Touch-up polish inside	28DEC05	9	09JAN06	126
121-250-2	Clean part per cleaning	10JAN06	5	16JAN06	126
121-260-2	Final visual	17JAN06	2	18JAN06	126
121-270-2	Ship Perido 3 Vac Vsl to	19JAN06	5	25JAN06	126
14 - Modular Coils					
Job: 1401 - Mod Coil Prel.Dsn-WILLIAMSON					
MC Requirements					
1401-100	Develop MC SRD	16JUL03*	11	30JUL03	12
1401-103	Conduct spec review,	31JUL03	5	06AUG03	12
1401-106	Circulate MC SRD for	07AUG03	5	13AUG03	12
Preliminary Design					
1401-201	Update Winding Geometry	25JUN03*	10	09JUL03	22
1401-250	Draft spec for conductor &	01JUL03*	5	08JUL03	23
1401-260	PEER REVIEW OF	10JUL03*	1	10JUL03	22
1401-270	Resolve issues with nesting	09JUL03*	11	23JUL03	3
1401-280	Rvw/Modify exisitng	18JUN03*	25	23JUL03	3
1401-290	PEER RVW ON WING	24JUL03	1	24JUL03	3
1401-300	Develop Design of Toroidal	25JUL03	6	01AUG03	3
1401-303	Define lifting points &	13AUG03*	5	19AUG03	4
1401-306	Estabablish Instrum	04AUG03	3	06AUG03	3
1401-309	Perform FMECA	20AUG03*	9	02SEP03	5
MC Interfaces					
1401-312	MC Interfaces- VV supports	08JUL03*	5	14JUL03	40
1401-315	MC Interfaces- Port	01JUL03*	10	15JUL03	39
1401-318	MC Interfaces- MC	15JUL03*	5	21JUL03	35
1401-321	MC Interfaces- MC lead	22JUL03*	5	28JUL03	30
1401-324	MC Interfaces- mech	13AUG03*	5	19AUG03	14
1401-327	MC Interfaces- Cooling	06AUG03*	5	12AUG03	19
1401-330	MC Interfaces- Central I&C	13AUG03*	5	19AUG03	14
MC Models and Drawings					
1401-333	Cmplt set of models&dwgs	07AUG03	15	27AUG03	3
1401-336	Check models/dwgs & prep	28AUG03	5	04SEP03	3
PDR/EIR Prep					
1401-445	Update cost & schedule	15AUG03*	10	28AUG03	1
1401-450	Tech, Cost & Schedule	29AUG03	1	29AUG03	1
1401-460	Document Basis of	02SEP03	5	08SEP03	1
1401-465	Prepare contribution to Prel	09SEP03	5	15SEP03	1
1401-467	Prepare PDR Presentations	16SEP03	5	22SEP03	1
1401-470	Dry Runs	23SEP03	5	29SEP03	1
1401-480	Revise PDR materials	30SEP03	5	06OCT03	1
1401-500	WBS 12 & 14 PDR		0	07OCT03*	0
Job: 1402 - Mod.Coil Analyses-WILLIAMSON					
Analysis					
1402-400	Develop MC conductor mtl	25JUN03*	5	01JUL03	13
1402-402	Calculate TF/PF material	18JUN03*	15	09JUL03	13
1402-404	Construct coil/currents	25JUN03*	15	16JUL03	3
1402-406	Build TF PF structural	16JUL03*	25	19AUG03	9
1402-408	Build mod coil/shell	17JUL03*	30	27AUG03	3
1402-410	Perform cooldown analysis	25JUN03*	10	09JUL03	38
1402-412	Perform thermal analysis	09JUL03*	10	22JUL03	29
1402-414	Perform cooldown analysis	25JUN03*	20	23JUL03	28
1402-416	Quantify thermal stresses,	25JUN03*	20	23JUL03	28
1402-418	Perform Thermal/Hydraulic	23JUL03*	10	05AUG03	19
Job: 1403 - Mod. Coil Final Design-WILLIAMSON					
140-1-3	Final Build-to	08OCT03*	53*	23DEC03	194
140-3-5	Update planning for FY-04	11AUG03*	94*	23DEC03	194
140-4-5	Re-assess all analysis for	08OCT03*	53*	23DEC03	216
140-6-1	CAD models of modular	08OCT03*	53*	23DEC03	216
140-6-2	CAD drawings of all parts,	08OCT03*	53*	23DEC03	194
140-6-3	Final design review	02JAN04	22	02FEB04	194
140-6-3.1	FDR Modular Coils		0	02FEB04	194
140-6-4	Disposition FDR Chits and	03FEB04	20	01MAR04	194
C-071	Project eval cost proposals	30MAR04	20	26APR04	200
C-081	Castings-Award Mfg	10MAY04*	0		191
C-082	Castings-Release f/	10MAY04	0		191
C-083	Castings-Release for last	01OCT04*	0		201
Job:1404-Mod Coil Winding Form R&D-HEITZENROEDER					
EIO Subcontract (S04341F)					
1404-100	EIO-Invoiced cost to date	01MAY03A	10	30MAY03A	
1404-105	EIO-Cost f/deliverables	02JUN03	21	30JUN03*	2,368
1404-106	EIO-Mfg Design of "wing"	25JUN03*	20	23JUL03	3
1404-107	EIO-Complete mfg study of	25JUN03*	20	23JUL03	3
1404-108	EIO-Prototype MIT & QA	18JUN03*	11	02JUL03	242
1404-108.2	PEER REVIEW EIO	03JUL03	1	03JUL03	242
1404-108.4	EIO-Prototype MIT & QA	09JUL03*	5	15JUL03	239
1404-108.6	Finalize SOW/contract &	16JUL03*	5	22JUL03	239
1404-109	EIO-PPPL Fabrication		0	22JUL03	239
1404-110	EIO-Fabricate Prototype	23JUL03	173	19MAR04	239
1404-111	EIO-Deliver Prototype		0	19MAR04	239
1404-115	EIO-Final MIT/QA Plans	02MAR04	20	29MAR04	194



Activity ID	Activity Description	Forecast Start	Orig Dur	Forecast Finish	Total Float
1404-125	EIO-Firm Fixed Price	02MAR04	20	29MAR04	194
JP Pattern Subcontract (S04340F)					
1404-200	JPP-Invoiced cost to date	01MAY03A	10	30MAY03A	
1404-205	JPP-Cost f/deliverables	02JUN03	21	30JUN03*	2,368
1404-206	JPP-Mfg Design of "wing"	25JUN03*	20	23JUL03	3
1404-207	JPP-Complete mfg study of	25JUN03*	20	23JUL03	3
1404-208	JPP-Prototype MIT & QA	18JUN03*	11	02JUL03	242
1404-208.2	PEER REVIEW JPP	03JUL03	1	03JUL03	242
1404-208.4	JPP-Prototype MIT & QA	09JUL03*	5	15JUL03	239
1404-208.6	Finalize SOW/contract &	16JUL03*	5	22JUL03	239
1404-209	JPP-PPPL Fabrication		0	22JUL03	239
1404-210	JPP-Fabricate Prototype	23JUL03	173	19MAR04	239
1404-211	JPP-Deliver Prototype		0	19MAR04	239
1404-215	JPP-Final MIT/QA Plans	02MAR04	20	29MAR04	194
1404-225	JPP-Firm Fixed Price	02MAR04	20	29MAR04	194
Job: 1406 - Mod. Coil Winding R&D-CHRZANOWSKI					
Keystone R&D					
1406-000	Fabricate Keystone winding	02JUN03*	8	11JUN03	35
1406-001	Engr and Tech support	02JUN03*	74	15SEP03	2,315
1406-002	Purchase copper rope	02JUN03	5*	06JUN03	29
1406-003	Wind 0.5 x 0.625 conduct	02JUN03	7	10JUN03	27
1406-005	perform benchtop Keystone	05JUN03*	17	27JUN03	23
1406-007	Develop Conductor Bender	11JUN03	5	17JUN03	27
1406-009	Test Conductor bender	18JUN03	4	23JUN03	27
1406-011	supply keystone data to	30JUN03	1	30JUN03	23
1406-013	Design twisted racetrack	02JUN03*	10	13JUN03	2,339
1406-015	Design chill plates and coil	16JUN03	10	27JUN03	2,369
1406-016	Procure casting/chill plates	16JUN03	40	11AUG03	2,339
1406-017	wind and VPI twisted	05AUG03*	14	22AUG03	2,315
1406-019	Setup coil in test stand	25AUG03	5	29AUG03	2,315
1406-021	Perform tests	02SEP03	5	08SEP03	2,315
1406-023	Section and Evaluate coil	09SEP03	5	15SEP03	2,315
CTD Epoxy Samples					
1406-025	Complete Bundle samples	02JUN03*	20	27JUN03	2,368
1406-027	CTD Primary testing	31JUL03*	1	31JUL03	2,346
1406-029	Prepare add'l samples as	14JUL03*	15	01AUG03	2,324
1406-031	CTD testing of add'l	04AUG03	21	02SEP03	2,324
Racetrack Test Coil					
1406-032	Engr and Tech support	02JUN03	65	02SEP03	2,324
1406-033	Final design review	11JUN03*	1	11JUN03	2,381
1406-035	Fabricate chill plates and	02JUN03*	15	20JUN03	2,374
1406-037	wind coil	18JUN03*	10	01JUL03	2,346
1406-039	Bag mold & VPI test coil	02JUL03	10	16JUL03	2,346
1406-041	Design & setup coil test	17JUL03	5	23JUL03	2,346
1406-043	Perform tests	24JUL03	5	30JUL03	2,346
1406-045	Provide test results to	31JUL03	1	31JUL03	2,346
1406-047	Prepare R&D report	21JUL03*	31	02SEP03	2,324
Full Twisted VPI Trial					
1406-049	Place contract for End Tee	23JUN03*	10	07JUL03	2,321
1406-050	Deliver End Tee return	08JUL03*	29	15AUG03	2,321
1406-051	Machine end tee return	18AUG03	14	05SEP03	2,321
Job: 1407 -Mod Coil Winding Facility-CHRZANOWSKI					
Autoclave					
1407-001	Signoff autoclave drawings	05JUN03*	10	18JUN03	2,376
1407-003	Domes & cylinder-Req and	11JUN03*	15	01JUL03	2,334
1407-005	Domes & cylinder Fab &	02JUL03	33	18AUG03	2,334
1407-007	Remaining steel/misc	09JUN03*	15	27JUN03	2,325
1407-008	Remaining steel/misc	30JUN03	44	29AUG03	2,325
1407-009	Remaining Electr	09JUN03*	15	27JUN03	2,325
1407-010	Remaining Electr	30JUN03	44	29AUG03	2,325
1407-011	Fabricate in-house	23JUN03*	70	30SEP03	342
1407-013	Tooling Design	02JUN03*	43	31JUL03	2,346
Job:1408-Mod Coil Proto Coil Winding-CHRZANOWSKI					
141-3-45	Wind, VPI & test prototype	22MAR04*	66	22JUN04	228
141-3-45.1	Complete Prototype		0	22JUN04*	228
141-3-45.2	Final Procedures &		0	22JUN04	228
Type 1 Casting Fab					
C-121	Castings-BA-1-1	10MAY04	60	03AUG04	191
C-181	Castings-BA-4-1	04AUG04	17	26AUG04	191
C-261	Castings-BA-7-2	27AUG04	17	21SEP04	191
C-321	Castings-BA-10-2	22SEP04	17	14OCT04	191
C-401	Castings-BA-13-3	15OCT04	17	08NOV04	191
C-461	Castings-BA-16-3	09NOV04	17	03DEC04	191
Type 2 Casting Fab					
C-141	Castings-MI-2-1	06DEC04	17	28DEC04	191
C-201	Castings-MI-5-1	29DEC04	17	20JAN05	191
C-281	Castings-MI-8-2	21JAN05	17	14FEB05	191
C-341	Castings-MI-11-2	15FEB05	17	09MAR05	191
C-421	Castings-MI-14-3	10MAR05	17	01APR05	191
C-481	Castings-MI-17-3	04APR05	17	26APR05	191
Type 3 Casting Fab					
C-161B	Castings-BU-3-1	27APR05	17	19MAY05	191
C-221B	Castings-BU-6-1	20MAY05	17	13JUN05	191
C-301B	Castings-BU-9-2	14JUN05	17	06JUL05	191
C-361B	Castings-BU-12-2	07JUL05	17	29JUL05	191
C-441B	Castings-BU-15-3	01AUG05	17	23AUG05	191
C-501B	Castings-BU-18-3	24AUG05	17	15SEP05	191
Type 1 Winding/VPI					
Period 1					
P1-001	Receive and prep casting	04AUG04	12	19AUG04	193
P1-011	Wind coil BA-1-1	20AUG04*	31	04OCT04	193
P1-021	VPI & Ship BA-1-1	05OCT04	15	25OCT04	210
P1-091	Receive casting BA-4-1	27AUG04	12	14SEP04	207
P1-101	Wind coil BA-4-1	05OCT04*	16	26OCT04	193
P1-111	VPI & Ship BA-4-1	27OCT04	15	16NOV04	209
Period 2					
P2-001	Receive casting BA-7-2	22SEP04	12	07OCT04	206
P2-011	Wind coil BA-7-2	27OCT04	16	17NOV04	193
P2-021	VPI & Ship BA-7-2	18NOV04	15	10DEC04	208
P2-091	Receive casting BA-10-2	15OCT04	12	01NOV04	205
P2-101	Wind coil BA-10-2	18NOV04	16	13DEC04	193
P2-111	VPI & Ship BA-10-2	14DEC04	15	03JAN05	207
Period 3					
P3-001	Receive casting BA-13-3	09NOV04	12	24NOV04	204
P3-011	Wind coil BA-13-3	14DEC04	16	04JAN05	193
P3-021	VPI & ship BA-13-3	05JAN05	15	25JAN05	206
P3-091	Receive casting BA-16-3	06DEC04	12	21DEC04	203
P3-101	Wind coil BA-16-3	05JAN05	16	26JAN05	193
P3-111	VPI & ship BA-16-3	27JAN05	15	16FEB05	205
Type 2 Winding/VPI					
Period 1					
P1-031	Receive casting MI-2-1	29DEC04	12	13JAN05	202
P1-041	Wind coil MI-2-1	27JAN05	16	17FEB05	193
P1-051	VPI & Ship MI-2-1	18FEB05	15	10MAR05	204
P1-121	Receive casting MI-5-1	21JAN05	12	07FEB05	201
P1-131	Wind coil MI-5-1	18FEB05	16	11MAR05	193
P1-141	VPI & Ship MI-5-1	14MAR05	15	01APR05	203
Period 2					
P2-031	Receive casting MI-8-2	15FEB05	12	02MAR05	200
P2-041	Wind coil MI-8-2	14MAR05	16	04APR05	193
P2-051	VPI & Ship MI-8-2	05APR05	15	25APR05	202
P2-121	Receive casting MI-11-2	10MAR05	12	25MAR05	199
P2-131	Wind coil MI-11-2	05APR05	16	26APR05	193
P2-141	VPI & Ship MI-11-2	27APR05	15	17MAY05	201
Period 3					
P3-031	Receive casting MI-14-3	04APR05	12	19APR05	198
P3-041	Wind coil MI-14-3	27APR05	16	18MAY05	193
P3-051	VPI & ship MI-14-3	19MAY05	15	08JUN05	200
P3-121	Receive casting MI-17-3	27APR05	12	12MAY05	197
P3-131	Wind coil MI-17-3	19MAY05	16	09JUN05	193
P3-141	VPI & ship MI-17-3	10JUN05	15	30JUN05	199
Type 3 Winding/VPI					
Period 1					
P1-061	Receive casting BU-3-1	20MAY05	12	06JUN05	196
P1-071	Wind coil BU-3-1	10JUN05	16	01JUL05	193
P1-081	VPI & Ship BU-3-1	04JUL05	15	22JUL05	198
P1-151	Receive casting BU-6-1	14JUN05	12	29JUN05	195
P1-161	Wind coil BU-6-1	04JUL05	16	25JUL05	193
P1-171	VPI & Ship BU-6-1	26JUL05	15	15AUG05	197
Period 2					
P2-061	Receive casting BU-9-2	07JUL05	12	22JUL05	194
P2-071	Wind coil BU-9-2	26JUL05	16	16AUG05	193
P2-081	VPI & Ship BU-9-2	17AUG05	15	06SEP05	196
P2-151	Receive casting BU-12-2	01AUG05	12	16AUG05	193
P2-161	Wind coil BU-12-2	17AUG05	16	07SEP05	193
P2-171	VPI & Ship BU-12-2	08SEP05	15	28SEP05	195
Period 3					
P3-061	Receive casting BU-15-3	24AUG05	12	08SEP05	192
P3-071	Wind coil BU-15-3	09SEP05	16	30SEP05	192
P3-081	VPI & ship BU-15-3	03OCT05	15	21OCT05	193
P3-151	Receive casting BU-18-3	16SEP05	12	03OCT05	191
P3-161	Wind coil BU-18-3	04OCT05	16	25OCT05	191
P3-171	Apply Mold, VPI ,Test &	26OCT05	33	09DEC05	191
18 - Field Period Assembly					
Period #1					
P1-180	Rec'v VV,Attach clng tubes	19MAY05	32	01JUL05	263
P1-181	Assemble 1st. Field Period	16AUG05	39	07OCT05	232
P1-191	Position and weld port	10OCT05	15	28OCT05	232
P1-201	Bakeout vessel segment to	31OCT05	5	04NOV05	232
P1-211	vacuum leak check &Ext	07NOV05	25	09DEC05	232
P1-221	Prepare field period for	12DEC05	5	16DEC05	232
P1-231	Ship 1st. Field period	19DEC05	3	21DEC05	232
P1-241	Field period 1 ready for	22DEC05	1	22DEC05	232
Period #2					
P2-180	Rec'v VV,Attach clng tubes	22SEP05	32	04NOV05	197
P2-181	Assemble 2nd. Field	07NOV05	35	23DEC05	197
P2-191	Position and weld port	26DEC05	15	13JAN06	197
P2-201	Bakeout vessel segment to	16JAN06	5	20JAN06	197
P2-211	vacuum leak check &Ext	23JAN06	25	24FEB06	197
P2-221	Prepare field period for	27FEB06	5	03MAR06	197
P2-231	Ship 2nd. Field period	06MAR06	3	08MAR06	197
P2-241	Field Period 2 ready for	09MAR06	1	09MAR06	197
Period #3					
P3-180	Rec'v VV,Attach clng tubes	26JAN06	32	10MAR06	126
P3-181	Assemble 3rd. Field Period	13MAR06	35	28APR06	126
P3-191	Position and weld port	01MAY06	15	19MAY06	126
P3-201	Bakeout vessel segment to	22MAY06	6	29MAY06	126
P3-211	vacuum leak check &Ext	30MAY06	25	03JUL06	126
P3-221	Prepare field period for	04JUL06	5	10JUL06	126
P3-231	Ship 3rd. Field Period	11JUL06	3	13JUL06	126
P3-241	3rd. Period ready for	14JUL06	1	14JUL06	126
75 - Test Cell and Basement Assembly Operati					
730.1000	Begin Assembly Activities	03OCT05*	0		169
730.1020	Install & Level Support	03OCT05	15	21OCT05	169
730.1030	Install/Level Machine	24OCT05	25	25NOV05	169
730.1040	Install Platform	28NOV05	55	10FEB06	169
730.1050	Install Lighting,Fire	13FEB06	160	22SEP06	169
730.1060	Install Lower Cryostat Floor	27DEC05	5	02JAN06	220
730.1070	Install Lower PF 3,4,5&6	03JAN06	5	09JAN06	220
730.1080	Install 1st Field Period	10JAN06	20	06FEB06	220
730.1090	Install 2nd Field Period	10MAR06	20	06APR06	197
730.1100	Install 3rd Field Period	17JUL06	20	11AUG06	126
730.1110	Restore Shield Wall Area	14AUG06	15	01SEP06	194
730.1120	Install Neutral Beams	20SEP06*	35	07NOV06	147
730.1130	Make Final Vacuum Pump	14AUG06	13	30AUG06	126
730.1140	PTP Pumpdown & leak	31AUG06	10	13SEP06	126
730.1150	Raise lower PF-3,4,5&6	14SEP06	3	18SEP06	126
730.1151	Install Trim Coils	14SEP06	15	04OCT06	131
730.1170	Install PF Solenoid into	29SEP06	4	04OCT06	118
730.1175	Install Upper PF-3,4,5 & 6	05OCT06	3	09OCT06	118
730.1180	Install Bus connections to	10OCT06	40	04DEC06	128
730.1185	Install External Cryostat	10OCT06	10	23OCT06	118
730.1190	Connect Bakeout System	24OCT06	30	04DEC06	118
730.1200	Connect Cryo System	24OCT06	30	04DEC06	118
730.1210	Connect Cooling System	24OCT06	30	04DEC06	118
730.1230	Complete Bus connections	24OCT06	40	18DEC06	118
730.1240	PTP Cryostat System Test	05DEC06	10	18DEC06	118
730.1250	Power Tests	01JUN07	20	28JUN07	0
730.9000	First Plasma		0	28JUN07*	0



Run Date 10JUL03 13:22

5/1/03 Status (forecast)
Progress Bar
Critical Activity

0305

NCSX
FY03 Rebaseline
Critical Path

Sheet 2 of 2

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