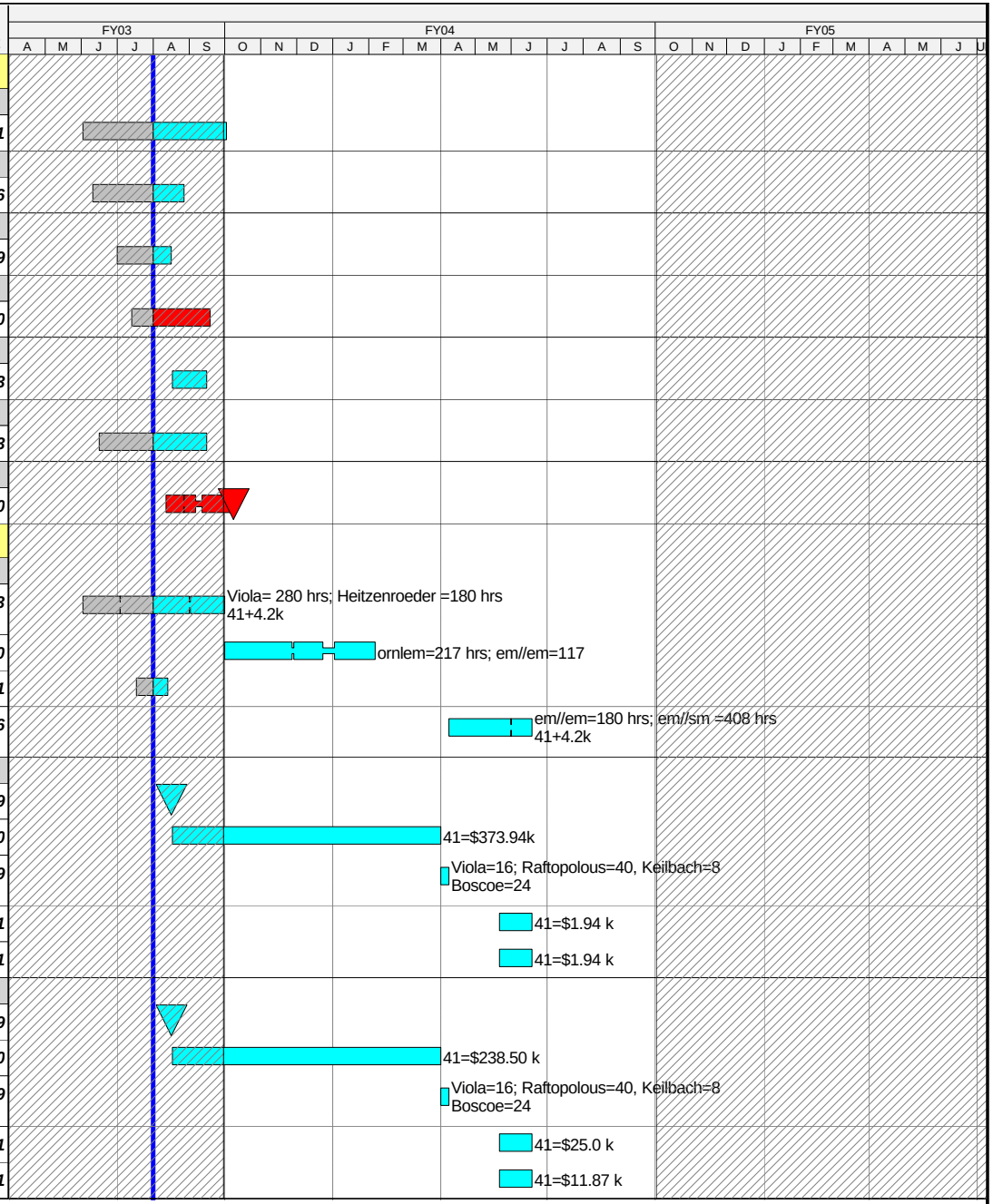
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
Job: 1201 - Vacuum Vessel Prelim Dsn-GORANSON					
+ June - Sept Estimate					
		87	02JUN03A	02OCT03	**2,301**
+ VV Shell & Joint Design					
		55	11JUN03A	27AUG03	**2,326**
+ VV Prelim Design					
		32	02JUL03A	15AUG03	**19**
+ VV Interfaces					
		48	14JUL03A	18SEP03	**0**
+ VV Models & drawings					
		20	18AUG03	15SEP03	**3**
+ Design Basis Analyses					
		64	16JUN03A	15SEP03	**3**
+ PDR/EIR Preparations					
		39	13AUG03	07OCT03	**0**
Job: 1202 - Vacuum Vessel R&D - VIOLA					
VV Subcontractor Oversight					
1202-050	Oversight & contract management	85*	02JUN03A	30SEP03	**2,303**
1202-051	Oversight & contract management	83*	01OCT03*	05FEB04	**2,220**
1202-123	Review on suppliers MIT/QA plans f/PVVS	19*	18JUL03A	13AUG03	**61**
1202-500	Modify 2 prototypes to include weld joint	50	08APR04	17JUN04	**2,126**
Major Tool Subcontract (S04344F)					
1202-320	MT-PPPL Fabrication Release	0		15AUG03*	**59**
1202-325	MT-PVVS Fabrication (3.2.2) [A/ 1]	163	18AUG03	31MAR04	**60**
1202-327	PPPL Receipt Inspection of MT PVVS	5	01APR04	07APR04	**59**
1202-330	MT-Final MIT/QA plans for VVSA (3.3.1)	21	21MAY04	18JUN04	**181**
1202-335	MT-Firm Fixed Price Proposal for VVSA (3.3.2)	21	21MAY04	18JUN04	**181**
Rohwedder Subcontract (S04345F)					
1202-420	RW-PPPL Fabrication Release	0		15AUG03*	**59**
1202-425	RW-PVVS Fabrication (3.2.2) [A/ 1]	163	18AUG03	31MAR04	**60**
1202-427	PPPL Receipt Inspection of MT PVVS	5	01APR04	07APR04	**59**
1202-430	RW-Final MIT/QA plans for VVSA (3.3.1)	21	21MAY04	18JUN04	**181**
1202-435	RW-Firm Fixed Price Proposal for VVSA (3.3.2)	21	21MAY04	18JUN04	**181**



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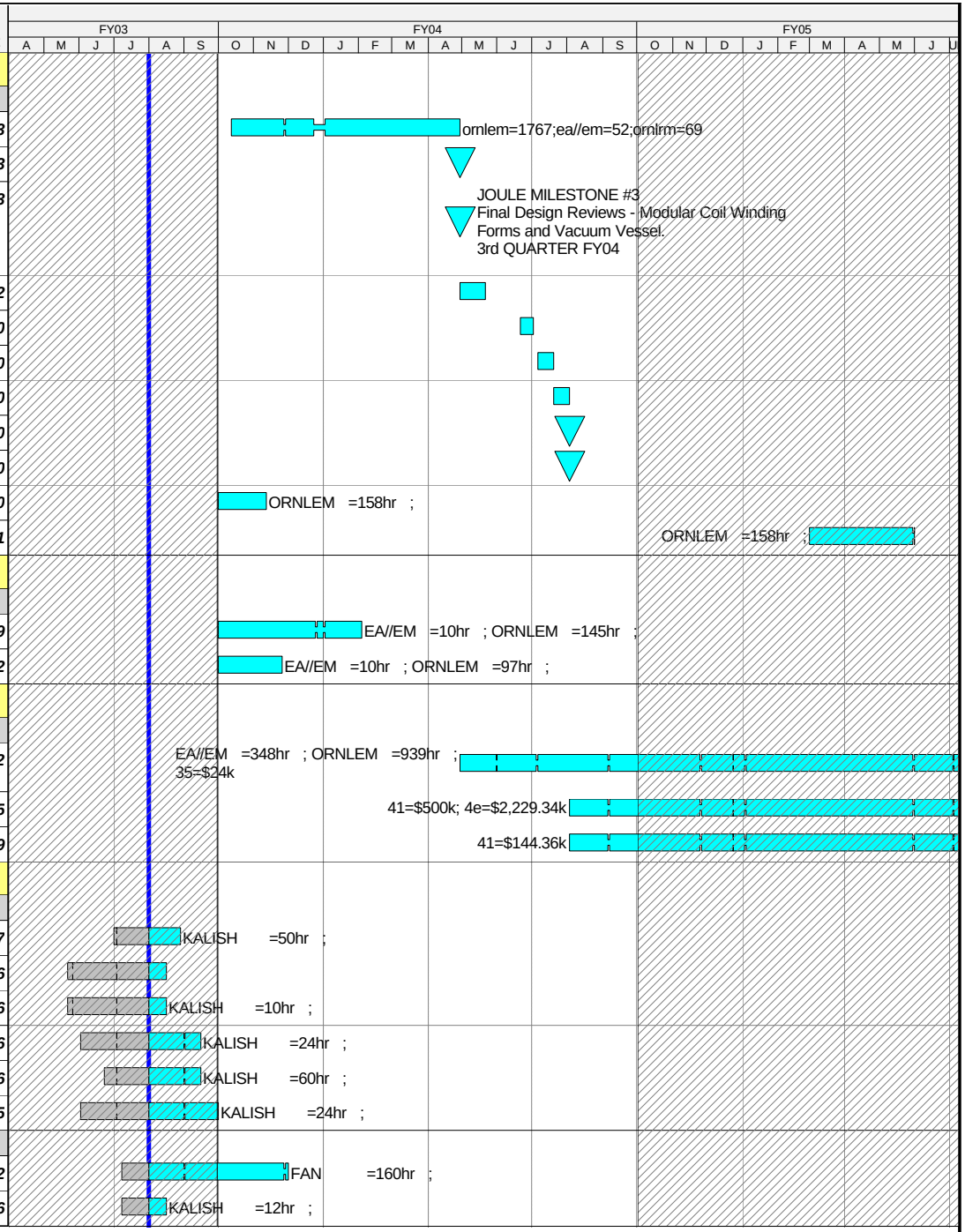
Job: 1203 - Vacuum Vessel Final Dsn-GORANSON					
121-001	Final Design	135	13OCT03*	29APR04	**43**
121-6-5	VV FDR	0		29APR04	**43**
121-6-5J	JOULE MILESTONE #3-Mod Coil and Vac Vsl FDR	0		29APR04	**43**
121-6-6	Finalize tech Doc package & Resolve chits	15	30APR04	20MAY04	**92**
121-6-8	Evaluate and Select VV Production Vendor	10	21JUN04	02JUL04	**170**
121-6-83	Negotiate with vendor	10	06JUL04	19JUL04	**170**
121-6-85	DOE Approve VV Selection & contract	10	20JUL04	02AUG04	**170**
121-6-9	Award VV Production Vendor (Phase funded)	0		02AUG04	**170**
121-36-9.2	Release for Fabrication	0		02AUG04	**170**
124-001	Title I design WBS 124 VV supports	30	01OCT03*	11NOV03	**520**
124-011	Title II design WBS 124 VV supports	65	01MAR05*	31MAY05	**191**
Job: 1204 - VV Insul, H/C Prel Dsn-GORANSON					
122-001	Title I design WBS 122 Thermal insulation	86	01OCT03*	02FEB04	**389**
123-001	Title I design WBS 123 Htg/Cooling	40	01OCT03*	25NOV03	**482**
Job: 1250 - Vacuum Vessel Fabrication-GORANSON					
121-031	Title III engr	650	30APR04	16NOV06	**1,522**
121-038	VV vendor fabricate 3 periods (c/1)	303	03AUG04	10OCT05	**175**
121-038P	VV vendor fab, test & deliver ports (c/1)	303	03AUG04	10OCT05	**299**
Job: 1301 - Convential Coils Prel Design-VIOLA					
Project VV/MCC Prelim Design Rvw					
1301-029	Prelim Vendor Search	42*	01JUL03A	28AUG03	**27**
1301-007	Update Cost and Schedule	59*	23MAY03A	15AUG03	**36**
1301-013	Write approve SEML	59*	23MAY03A	15AUG03	**36**
1301-016	Prelim Design Report	74*	02JUN03A	15SEP03	**16**
1301-023	Update interfaces for cryostat and coil leads	59*	23JUN03A	15SEP03	**16**
1301-015	Draft Design to Spec	85*	02JUN03A	30SEP03	**5**
Conventional Coils Preliminary Design					
1301-017	FEA, Model Global Forces	101*	09JUL03A	01DEC03	**92**
1301-021	Write Prelim Purchase Spec	28*	09JUL03A	15AUG03	**156**



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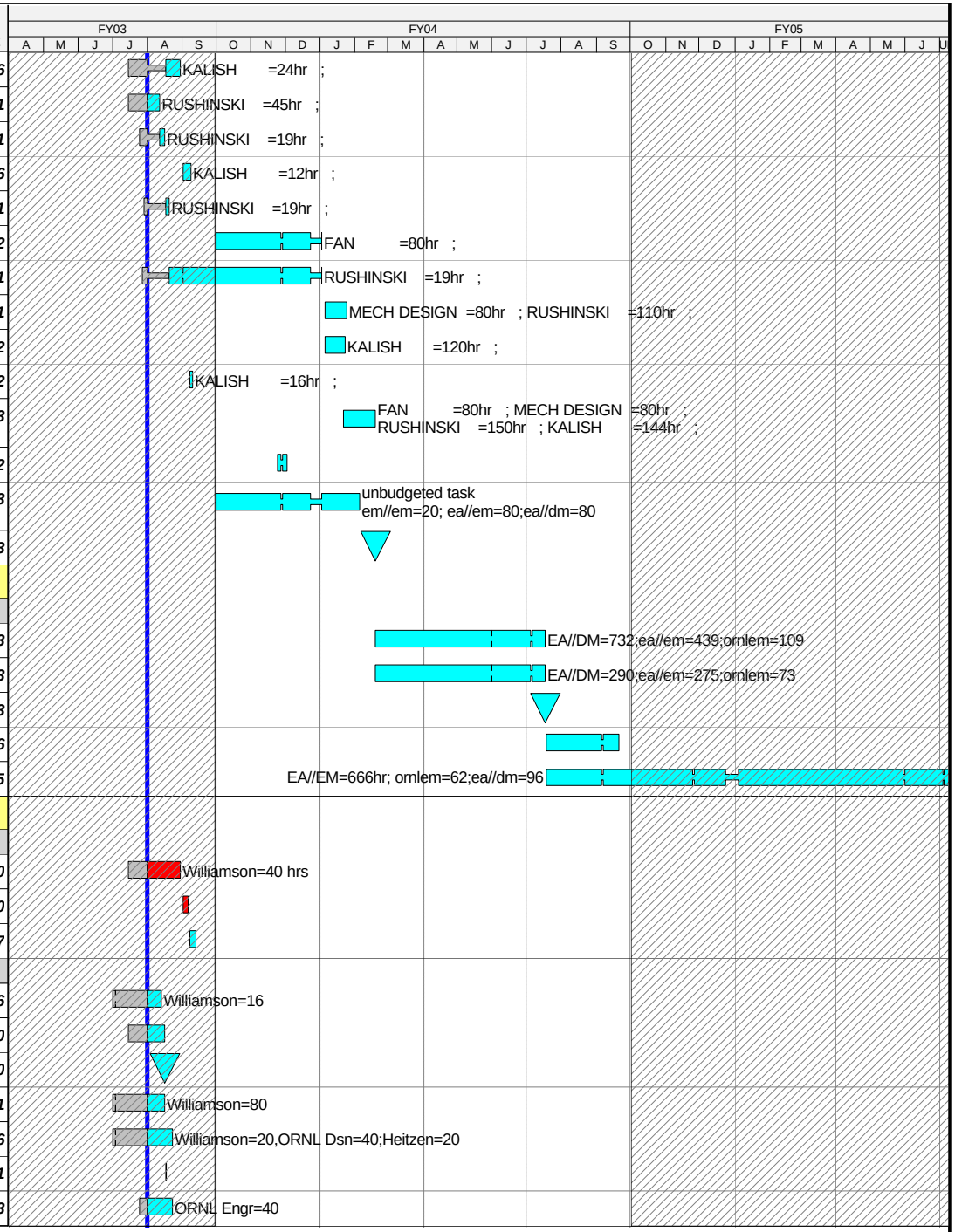
1301-027	Manufacturability Study	10	16JUL03A	29AUG03	156
1301-031	PF1 thru PF3, with lead details	8	15JUL03A	12AUG03	61
1301-033	PF4 with lead details	3	25JUL03A	15AUG03	61
1301-035	prepare PDR documentation	5	02SEP03	08SEP03	156
1301-036	PF5 with lead details	3	30JUL03A	20AUG03	61
1301-038	FEA Examine Local Effects	59	01OCT03*	02JAN04	62
1301-040	PF6 with lead details	105*	28JUL03A	02JAN04	61
1301-044	Trim Coil Layout and leads	15	05JAN04*	23JAN04	61
1301-045	FEA, Reports & SDD Summary	14	05JAN04*	22JAN04	62
1301-046	Prepare FY04 work plan	3	08SEP03*	10SEP03	12
1301-048	Assemble design, analysis, & drawing documention	20	22JAN04	18FEB04	53
1301-050	PDR Dry Run	5	24NOV03*	02DEC03	102
1301-NEW1	Design PF1-3 support system	82	01OCT03*	04FEB04	53
1301-PDR	WBS 13 PDR	0		18FEB04	53
Job: 1303 - TF/PF Coil Final design-VIOLA					
141-011	Title II design WBS 132 PF coils	105*	19FEB04*	16JUL04	53
131-011	Title II design WBS 131 TF coils	105*	19FEB04*	16JUL04	53
131-012	WBS 13 TF & PF FDR	0		16JUL04	53
131-034	Bid & Award TF Coils	45	19JUL04	20SEP04	146
131-031	Title III engr	481	19JUL04	21JUN06	1,625
Job: 1401 - Mod Coil Prel.Dsn-WILLIAMSON					
MC Requirements					
1401-100	Develop MC SRD	33*	16JUL03A	29AUG03	0
1401-103	Conduct spec review, resolve issues,update spec	4	02SEP03	05SEP03	0
1401-106	Circulate MC SRD for signature	5	08SEP03	12SEP03	17
Preliminary Design					
1401-250	Draft spec for conductor & insulation	9	01JUL03A	13AUG03	2,336
1401-262	Dev parameters for cable conductor	24*	15JUL03A	15AUG03	10
1401-264	Conductor Finalized	0		15AUG03	10
1401-270	Resolve issues with nesting of wings	33*	01JUL03A	15AUG03	31
1401-280	Rvw/Modify exisitng spec/dwg for exist protoype	38*	01JUL03A	22AUG03	26
1401-290	PEER RVW ON WING GEOMETRY/POLOIDAL	0*	18AUG03*	15AUG03	31
1401-300	Develop Design of Toroidal insulating breaks	21*	25JUL03A	22AUG03	23



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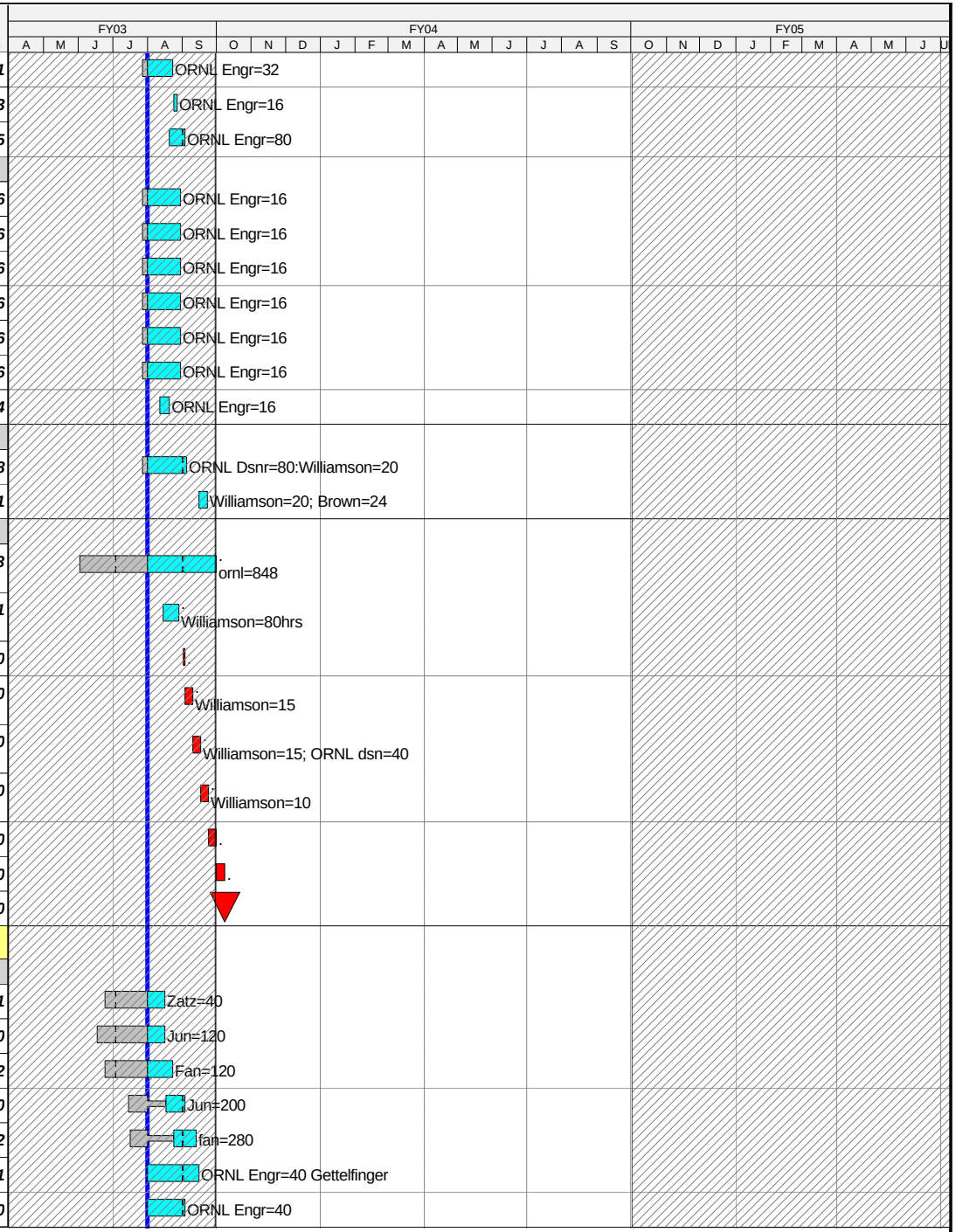
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
1401-303	Define lifting points & orienting the MC assmbly	20*	28JUL03A	22AUG03	21
1401-306	Estabablish Instrum Reqmts,	3	25AUG03	27AUG03	23
1401-309	Perform FMECA	9	20AUG03*	02SEP03	5
MC Interfaces					
1401-312	MC Interfaces- VV supports (wbs 12)	25*	28JUL03A	29AUG03	6
1401-315	MC Interfaces- Port Penetrations (wbs 13)	25*	28JUL03A	29AUG03	6
1401-318	MC Interfaces- MC grounding (wbs 4)	25*	28JUL03A	29AUG03	6
1401-321	MC Interfaces- MC lead connections (wbs 4)	25*	28JUL03A	29AUG03	6
1401-324	MC Interfaces- mech interface w/coil sprt struct	25*	28JUL03A	29AUG03	6
1401-327	MC Interfaces- Cooling reqmnts (wbs 62)	25*	28JUL03A	29AUG03	6
1401-330	MC Interfaces- Central I&C (wbs 5)	5	13AUG03*	19AUG03	14
MC Models and Drawings					
1401-333	Cmplt set of models&dwgs that define MCC assmbly	28*	28JUL03A	04SEP03	18
1401-336	Check models/dwgs & prep PDR pkg	5	16SEP03	22SEP03	11
PDR/EIR Prep					
1401-444	PDR support	85*	02JUN03A	30SEP03	2,303
1401-445	Update cost & schedule estimate	10	15AUG03*	28AUG03	1
1401-450	Tech, Cost & Schedule Basis Review Mtg	1	02SEP03	02SEP03	0
1401-460	Document Basis of cost&sched estimates	5	03SEP03	09SEP03	0
1401-465	Prepare contribution to Prel Dsn Report	5	10SEP03	16SEP03	0
1401-467	Prepare PDR Presentations	5	17SEP03	23SEP03	0
1401-470	Dry Runs	5	24SEP03	30SEP03	0
1401-480	Revise PDR materials	5	01OCT03	07OCT03	0
1401-500	WBS 12 & 14 PDR	0		07OCT03*	0
Job: 1402 - Mod.Coil Analyses-WILLIAMSON					
Analysis					
1402-400	Develop MC conductor mtl properties based on CTD	37*	25JUN03A	15AUG03	31
1402-402	Calculate TF/PF material properties	42*	18JUN03A	15AUG03	20
1402-404	Construct coil/currents model, perform EM anlys	42*	25JUN03A	22AUG03	12
1402-406	Build TF PF structural model, perform analysis	34*	16JUL03A	02SEP03	20
1402-408	Build mod coil/shell structural model,perf anlys	41*	17JUL03A	12SEP03	12
1402-410	Perform cooldown analysis from room temp	31*	01AUG03*	15SEP03	11
1402-412	Perform thermal analysis during bakeout	22*	01AUG03*	02SEP03	20



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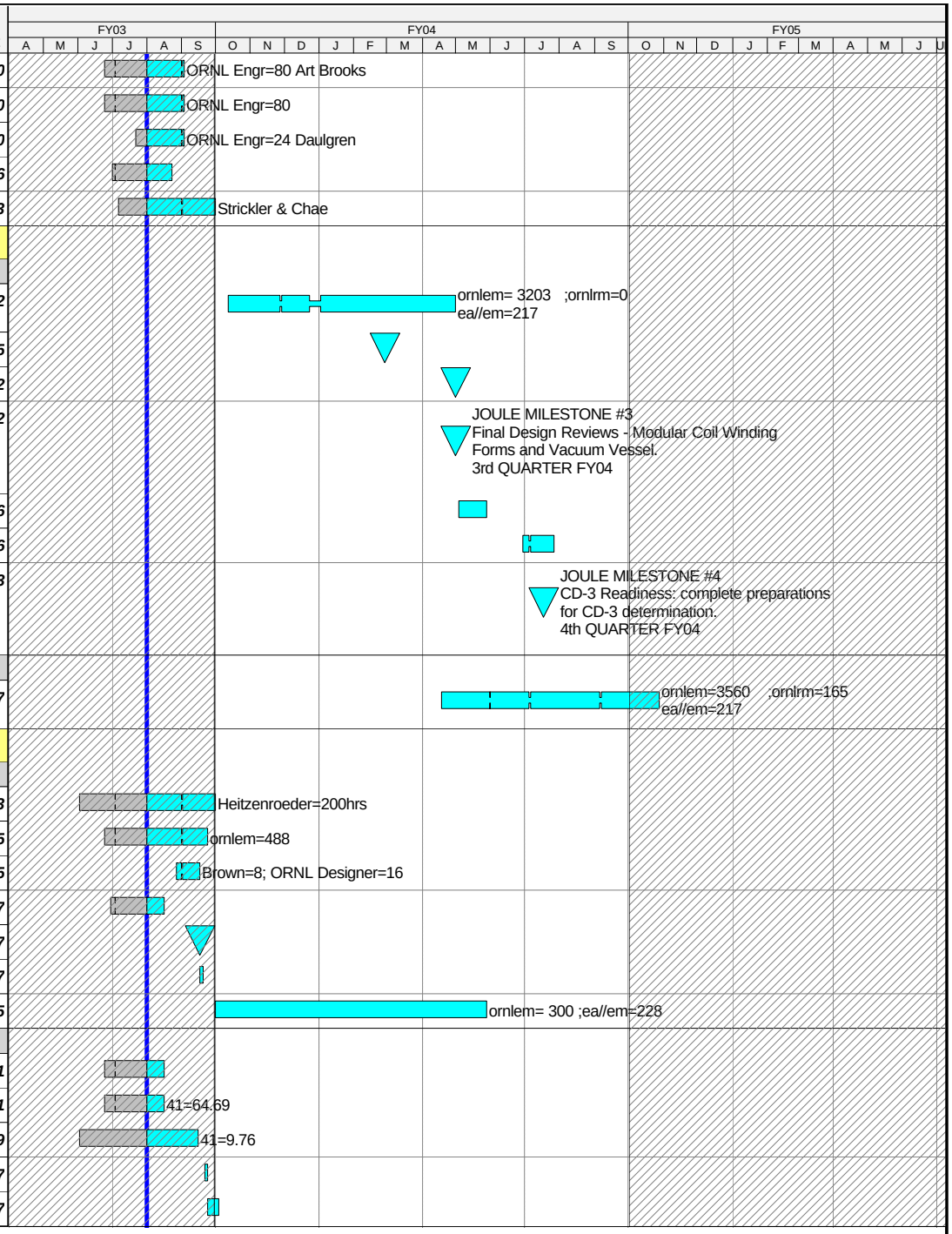
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
1402-414	Perform cooldown analysis following pulse	48*	25JUN03A	02SEP03	20
1402-416	Quantify thermal stresses, establish temp limits	48*	25JUN03A	02SEP03	20
1402-418	Perform Thermal/Hydraulic Analysis of MC cooling	29*	23JUL03A	02SEP03	20
1402-420	Finalize Winding Clamp Design	38*	01JUL03A	22AUG03	26
1402-NEW1	Calc forces w/MAGFOR ,apply to plate ,det stress	61*	07JUL03A	30SEP03	2,303
Job: 1403 - Mod. Coil Final Design-WILLIAMSON					
Modular Coil Winding Form					
141TITLE2	Final Design & Analysis-Winding Forms	136*	13OCT03*	30APR04	42
140-6-3.0	FDR Winding Pack (for start of procurements)	0		27FEB04*	145
140-6-3.1	FDR Modular Coils Winding Form	0		30APR04	42
140-6-3.J	JOULE MILESTONE #3-Mod Coil and Vac Vsl FDR	0		30APR04	42
140-6-4	Disposition FDR Chits and finalize procurmnt pkg	20	03MAY04	28MAY04	86
C-071	Project eval cost proposals & select vendor	20	29JUN04	27JUL04	116
C-081.1	JOULE MILESTONE #4 - CD-3 Readiness	0		16JUL04	53
Modular Coil Winding					
142TITLE2	Final Design & Analysis-Coil Winding & Assembly	136	19APR04*	28OCT04	137
Job:1404-Mod Coil Winding Form R&D-HEITZENROEDER					
Prototype Design Issues					
1404-050	Oversight & contract management	85*	02JUN03A	30SEP03	2,303
1404-061	Revise Model incorp surfaces & machining details	53	25JUN03A	24SEP03	55
1404-062	Revise dwgs of prototype,rvw & release for FDR	15	27AUG03	17SEP03	55
1404-065	Update spec for prototype winding form	34*	30JUN03A	15AUG03	77
1404-070	FDR ON PROTOTYPE MCWF	0		17SEP03	57
1404-071	Incorp comments/resolve chits and apprv for fab	2	18SEP03	19SEP03	57
1404-080	FY04 S/C oversight	173	01OCT03*	28MAY04	2,175
EIO Subcontract (S04341F)					
1404-106	EIO-Mfg Design of "wing" geometry	37*	25JUN03A	15AUG03	31
1404-107	EIO-Complete mfg study of poloidal break	20	25JUN03A	15AUG03	31
1404-108	EIO-Prototype MIT & QA Plans (2.6)-DRAFT	11	03JUN03A	15SEP03	2,359
1404-108.4	EIO-Prototype MIT & QA Plans & cost (2.6)-FINAL	3	22SEP03	24SEP03	57
1404-108.6	Finalize SOW/contract & release EIO for Fab	7	25SEP03*	03OCT03	57



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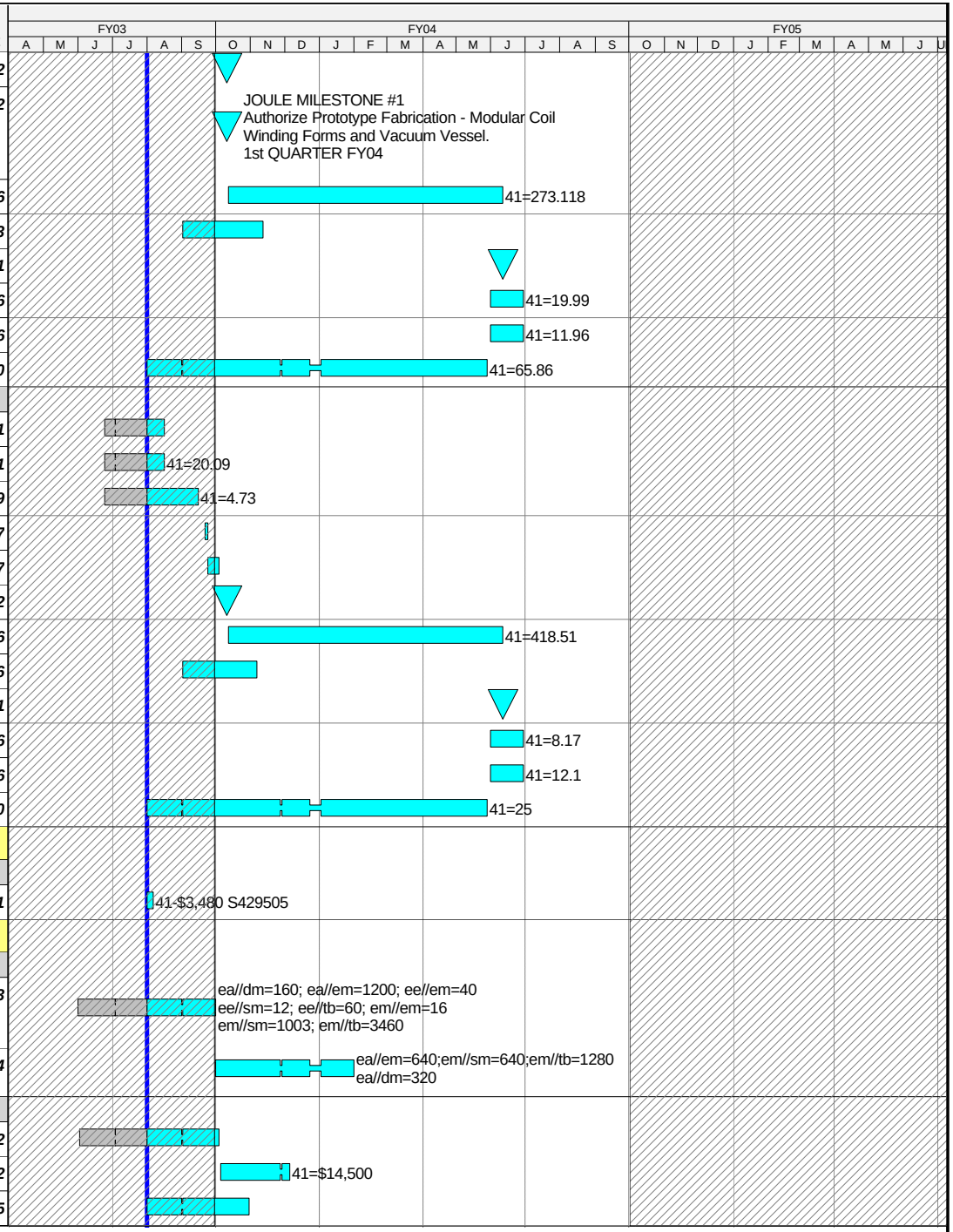
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
1404-109	EIO-PPPL Fabrication Release	0		10OCT03*	52
1404-109.J	JOULE MILESTONE #1-Authorize Prototype Fab	0		10OCT03	52
1404-110	EIO-Fabricate Prototype (2.7) [A/6]	175	13OCT03	11JUN04	126
1404-110.1	EIO- encumr [A/9]	51	02SEP03*	11NOV03	2,273
1404-111	EIO-Deliver Prototype	0		11JUN04	131
1404-115	EIO-Final MIT/QA Plans (2.8)	20	01JUN04	28JUN04	116
1404-125	EIO-Firm Fixed Price Proposal (2.9)	20	01JUN04	28JUN04	116
1404-135	EIO-Oversight/Reporting (4.1 & 4.2)	206	01AUG03	28MAY04*	2,140
JP Pattern Subcontract (S04340F)					
1404-206	JPP-Mfg Design of "wing" geometry	37*	25JUN03A	15AUG03	31
1404-207	JPP-Complete mfg study of poloidal break	37*	25JUN03A	15AUG03	31
1404-208	JPP-Prototype MIT & QA Plans (2.6)-DRAFT	21	25JUN03A	15SEP03	2,359
1404-208.4	JPP-Prototype MIT & QA Plans & cost (2.6)-FINAL	3	22SEP03*	24SEP03	57
1404-208.6	Finalize SOW/contract & release JPP for Fab	7	25SEP03*	03OCT03	57
1404-209	JPP-PPPL Fabrication Release	0		10OCT03*	52
1404-210	JPP-Fabricate Prototype (2.7) [A/3]	175	13OCT03	11JUN04	126
1404-210.1	JPP- encumr [A/9]	48	02SEP03*	06NOV03	2,276
1404-211	JPP-Deliver Prototype	0		11JUN04	131
1404-215	JPP-Final MIT/QA Plans (2.8)	20	01JUN04	28JUN04	116
1404-225	JPP-Firm Fixed Price Proposal (2.9)	20	01JUN04	28JUN04	116
1404-235	JPP-Oversight/Reporting (4.1 & 4.2)	205	01AUG03	27MAY04*	2,140
Job: 1405-Mod Coil Winding R&D Prep-CHRZANOWSKI					
TFTR TC NB Monitoring System					
1405-103	Purchase/Install NB Exhaust duct (S429505)	4	01AUG03	06AUG03	2,341
Job: 1406 - Mod. Coil Winding R&D-CHRZANOWSKI					
Keystone R&D					
1406-001	Engr/Tech support (keystone & twisted racetrack)	85*	01JUN03A	30SEP03	2,303
1406-001.1	Engr/Tech support (keystone & twisted racetrack)	79*	01OCT03*	30JAN04	2,224
Twisted Racetrack					
1406-013	Design twisted racetrack casting	88*	02JUN03A	03OCT03	42
1406-016	Procure casting from EIO/JPP (new scope)	42	06OCT03	04DEC03	42
1406-015	Design chill plates&coil clamps (ORNL NEW SCOPE)	64*	01AUG03	30OCT03	45



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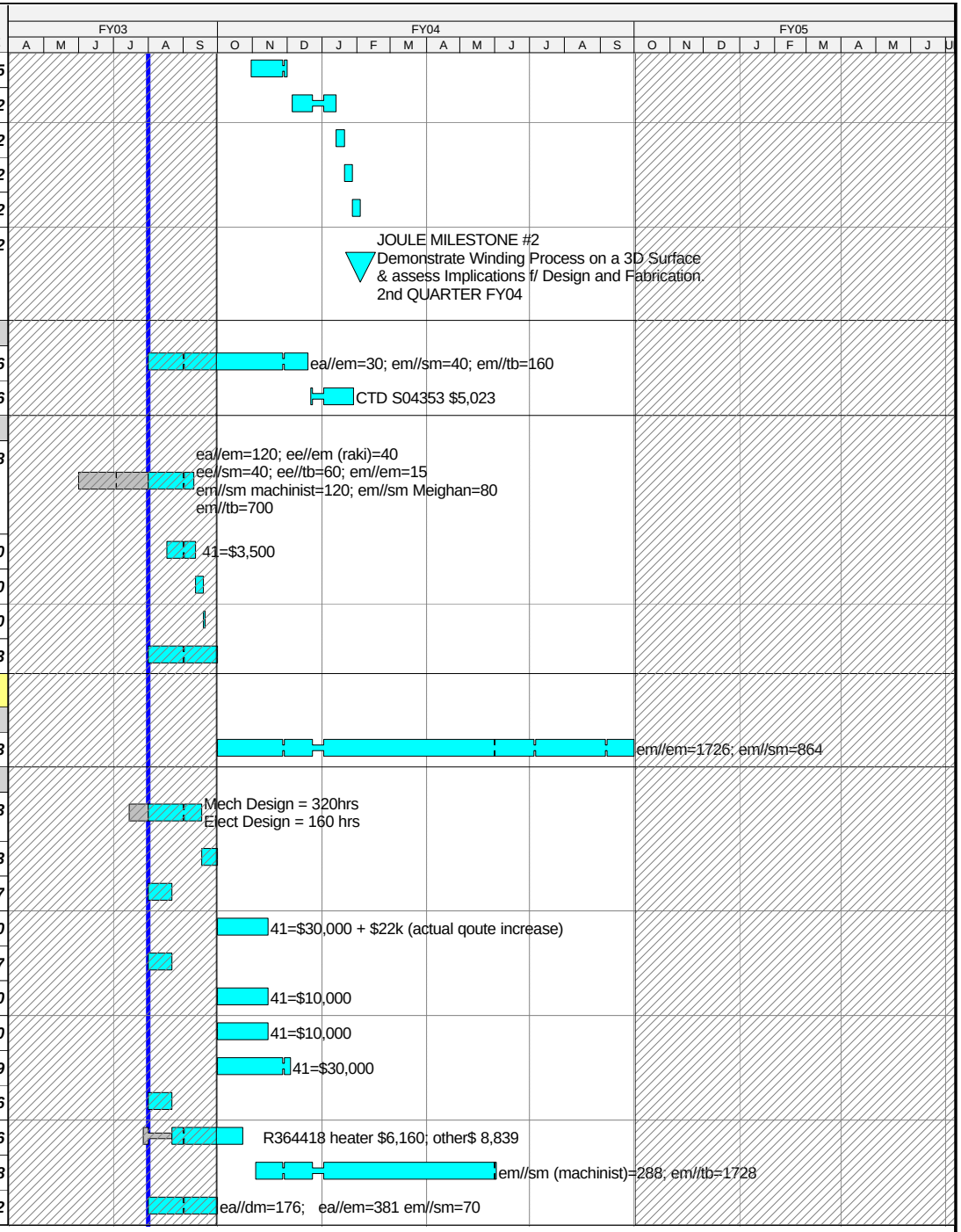
1406-016.5	PPPL Fabricate chill plates and clamps	20	31OCT03	01DEC03	45
1406-017	wind and VPI twisted racetrack	20	05DEC03	12JAN04	42
1406-019	Setup coil in test stand	5	13JAN04	19JAN04	42
1406-021	Perform tests	5	20JAN04	26JAN04	42
1406-023	Section and Evaluate coil turns	5	27JAN04	02FEB04	42
1406-040	JOULE MILESTONE #2-Demo winding on 3D surface	0		02FEB04	42
CTD Epoxy Samples					
1406-029	Prepare add'l samples as req'd(new conductor)	98*	01AUG03A	19DEC03	2,226
1406-031	CTD testing of add'l samples	21	22DEC03	28JAN04	2,226
Racetrack Test Coil					
1406-032	Engr and Tech support	70*	01JUN03A	09SEP03	2,318
1406-039	Bag mold & VPI test coil	18*	18AUG03A	11SEP03	2,310
1406-043	Perform tests AT ORNL	5	12SEP03	18SEP03	2,310
1406-045	Provide test results TO PPPL	1	19SEP03	19SEP03	2,310
1406-047	Prepare R&D report	42	01AUG03*	30SEP03	2,303
Job: 1407 -MC Winding Facilities-CHRZANOWSKI					
Oversight and Supervision					
1406-0	Winding Facility & R&D Oversight	250*	01OCT03*	30SEP04	2,053
Autoclave, Turning Fixture & other components					
1407-000	Revise autoclave drawings	45*	15JUL03A	16SEP03	2,303
1407-001	Signoff autoclave drawings complete	10	17SEP03*	30SEP03	2,303
1407-003	Domes & cylinder-Req and Award	15	01AUG03*	21AUG03	2,297
1407-005	Domes & cylinder Fab & Deliver	33	01OCT03*	14NOV03	2,270
1407-006.1	Blower/Elec HW-Req and Award	15	01AUG03*	21AUG03	2,297
1407-006.2	Blower/Elec HW- Fab & Deliver	33	01OCT03*	14NOV03	2,270
1407-006.6	Fabricate Rail System	33	01OCT03*	14NOV03	2,270
1407-008	Remaining steel/misc components-Deliver	44	01OCT03*	03DEC03	2,259
1407-009	Remaining Electr components-Req and Award	15	01AUG03*	21AUG03	2,286
1407-010	Remaining Electr components-Deliver	44	28JUL03A	23OCT03	2,286
1407-011	Fabricate Autoclave	142	03NOV03*	01JUN04	148
1407-013	Tooling Design	43	01AUG03*	01OCT03	2,302



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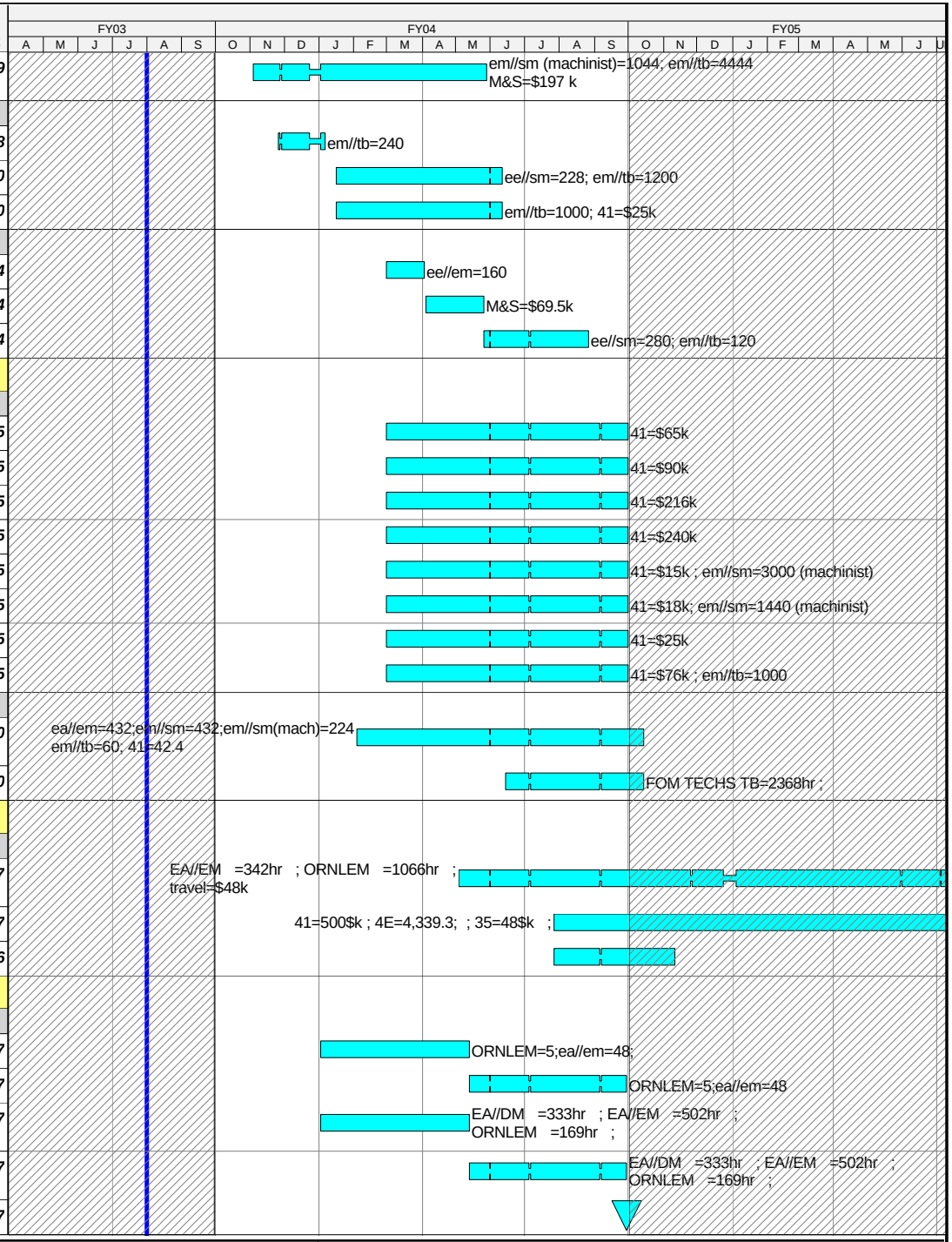
1407-100	Fabricate turning fixtures and other components	141	03NOV03*	28MAY04	**149**
Area Preparation					
1407-200	Decon TFTR test Cell Crane	20	26NOV03*	05JAN04	**148**
1407-202	Setup facility stations	105*	16JAN04*	11JUN04	**140**
1407-204	Build cleanrooms (2) locations	105*	16JAN04*	11JUN04	**140**
Test Stand					
1409-010	Design Test Stand	25	01MAR04*	02APR04	**174**
1409-020	Procure Hardware	37	05APR04	25MAY04	**174**
1409-025	Fabricate test Stand	65	26MAY04	26AUG04	**174**
Job:1408-Mod Coil Proto Coil Winding-CHRZANOWSKI					
Materials , Supplies, Machining					
1421-001	Insulation [9]	151*	01MAR04	30SEP04	**145**
1421-002	Epoxy[9]	151*	01MAR04	30SEP04	**145**
1421-003	Chill Plates & coil clamps [9]	151*	01MAR04	30SEP04	**145**
1421-004	Copper Conductor [9]	151*	01MAR04	30SEP04	**145**
1421-005	Fabricate G-11 fillers	151*	01MAR04	30SEP04	**145**
1421-006	Fabricate Lead Hardware	151*	01MAR04	30SEP04	**145**
1421-007	Other misc supplies [9]	151	01MAR04	30SEP04	**145**
1421-008	VPI supplies	151	01MAR04	30SEP04	**145**
Prototype Winding					
141-3-44	Oversight and materials/supplies	180	03FEB04	14OCT04	**140**
141-3-45	Wind & VPI prototype coil (stations 1 thru 5)	87	14JUN04*	14OCT04	**140**
Job: 1411 - Mod Coil Winding Form Fab-WILLIAMSON					
Type 1 Castings					
172-031	Title III engr	602*	03MAY04*	27SEP06	**1,557**
172-037	Summary MCWF vendor cost & sched [C/1]	392*	28JUL04	26JAN06	**157**
C-121	Castings-BA-1-1 (1st MCC form delivered)	75	28JUL04	10NOV04	**116**
Job: 1501 - Structures Design- Heitzenroeder					
153.001	Title I design WBS 153 sprt struct local I&C	95	02JAN04*	13MAY04	**207**
153.011	Title II design WBS 153 sprt struct local I&C	95	14MAY04	28SEP04	**207**
162-001	Title I design WBS 151 coil sprt structure	95	02JAN04*	13MAY04	**207**
162-011	Title II design WBS 151 coil sprt structure	95	14MAY04	28SEP04	**207**
162-012	WBS 15 FDR	0		28SEP04	**207**



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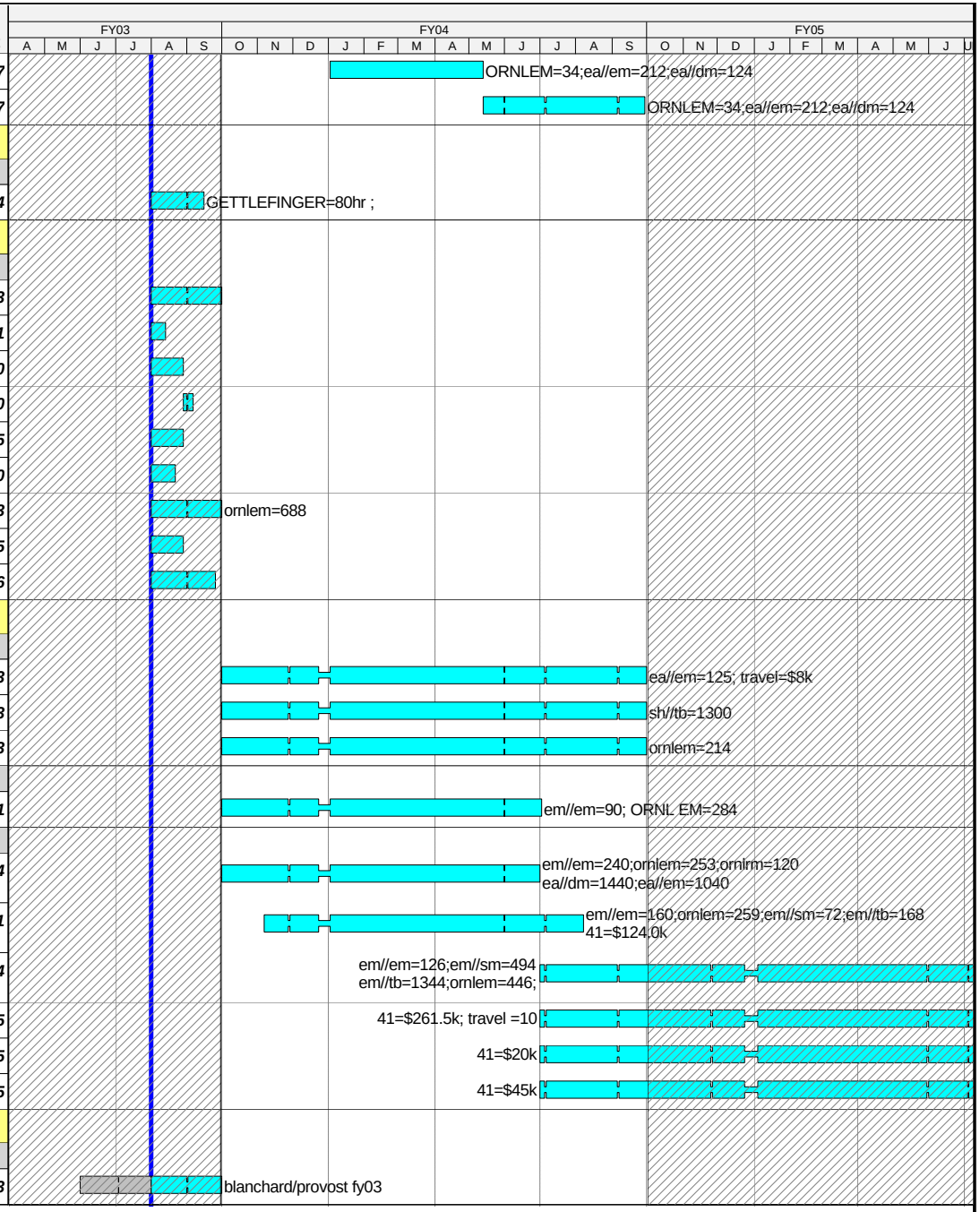
163-001	Title I design WBS 152 CS sprt struc	95	02JAN04*	13MAY04	207
163-011	Title II design WBS 152 CS sprt struc	95	14MAY04	28SEP04	207
Job:1701-Cryost&Base Sprt Strct Dsn-GETTLEFINGER					
FY03 Work Accomplished					
171-1-2	Cryostat interface with WBS 1	31	01AUG03*	15SEP03	2,314
Job: 1801-Field Period Assly Prel Design					
FY03 Work Accomplished					
1801-100	Revised conceptual plan for field period assembl	42*	01AUG03	30SEP03	2,303
185-1-1	Revised conceptual plan for field period assembl	9*	01AUG03	13AUG03	2,331
L4-016	Develop concept of tooling and assembly features	20	01AUG03	28AUG03	2,320
L4-017	Document procedure for FP assembly, conduct revi	5	29AUG03*	05SEP03	2,320
L4-018	Develop concept of tooling and assembly features	20	01AUG03	28AUG03	2,325
L4-019	Document procedure for final assembly, conduct r	15	01AUG03*	21AUG03	2,330
185-1-2	Layouts and preliminary tooling models and draw	42*	01AUG03*	30SEP03	2,303
185-2-1	Interface control documents for vacuum vessel an	20	01AUG03	28AUG03	2,325
185-2-2	Interface control document for conventional coil	39	01AUG03*	25SEP03	2,306
Job: 1802 -FP Assy Tooling&Metrology-CHRZANOWSKI					
Oversight and Supervision					
181.100	PPPL EM LOE FY04	250*	01OCT03*	30SEP04	2,053
181.200	HP Coverage in the TFTR TC LOE FY04	250*	01OCT03*	30SEP04	2,053
181.300	ORNL EM LOE FY04	250*	01OCT03*	30SEP04	2,053
Metrology					
740.010	Final Design Measurement systems	187	01OCT03*	01JUL04	361
Toolling Design & Fabrication					
713A.010	Design Tooling	186*	01OCT03*	30JUN04	1,554
713A.011	Tooling R&D	186	06NOV03*	06AUG04	2,091
713A.020	Lab Fab/Assy/Installation	563*	01JUL04*	02OCT06	1,554
713A.030	Tooling,assy fixtures,misc equipt	562*	01JUL04	29SEP06	1,555
713A.040	General procurements	562*	01JUL04	29SEP06	1,555
713A.050	Welding tools, materials & equipt	562*	01JUL04	29SEP06	1,555
Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD					
FY03 Work Accomplished					
2001-100	PDR Support	85*	01JUN03A	30SEP03	2,303



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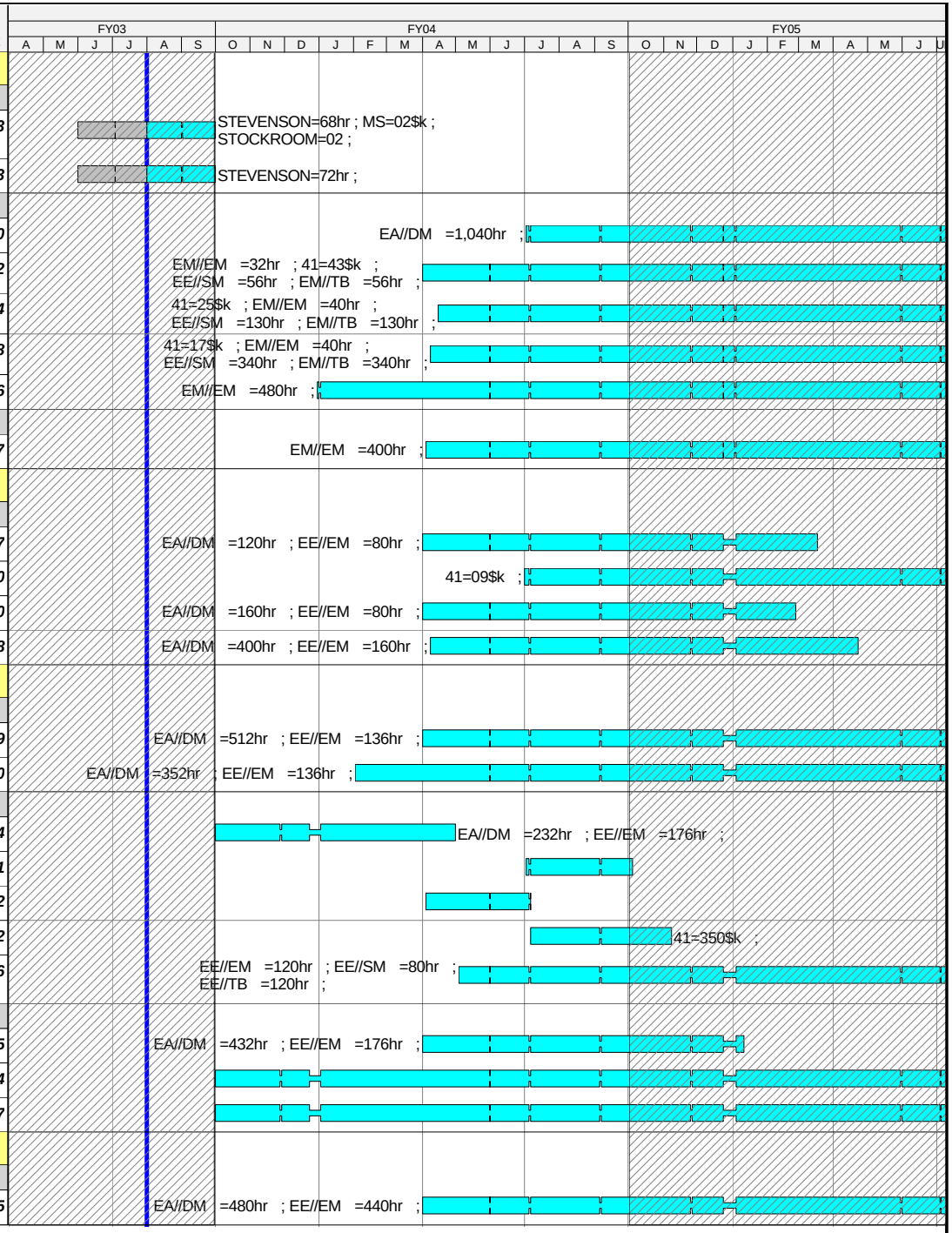
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
Job: 2501 - Neutral Beam Refurbishment-STEVENSON					
FY03 Work Accomplished					
250-0001	Design & work planning (50% 6/1)	85*	01JUN03A	30SEP03	**2,303**
250-0003	Systems Engineering & Interfaces (25% 6/1)	85*	01JUN03A	30SEP03	**2,303**
Refurbishment					
25-100	6) Drafting Support	758	02JUL04*	25JUN07	**1,370**
25-130	12) Dsn,Fan,Instl NBI vacuum system	570	02APR04*	28JUN06	**1,622**
25-145	15)Upgrade/Calibr of telemetry, ptical links etc	688	16APR04*	29DEC06	**1,494**
25-155	17) Fab/Instl Front Box Nitrogen Cryopanels.	690	08APR04*	22DEC06	**1,498**
25-175	21) Sys Engr & Work Planning Procedures	892	30DEC03*	29JUN07	**1,366**
Re-Install Beamline					
25-180	31)Work Planning Procedures	824	05APR04*	28JUN07	**1,367**
Job: 4101 - AC Power-RAMAKRISHNAN					
411 - Auxliary AC Power Systems					
411-1-2	Ex-Test Cell AC Power Dist-Dsn	239	01APR04*	17MAR05	**317**
411-1-4	Ex-Test Cell AC Power Dist-Procure	502	01JUL04*	06JUL06	**230**
411-2-2	Grounding-Dsn	225	01APR04*	25FEB05	**200**
411-3-2	Test Cell AC Power Distr-Dsn	260	08APR04*	22APR05	**138**
Job: 4301 - DC Systems-RAMAKRISHNAN					
431 - C-Site DC Systems					
431-1-2	Coil DC Cabling to (PCTB)-Dsn	377	01APR04*	30SEP05	**289**
431-2-2	DC Cabling to Coils in TC-Dsn	479	02FEB04*	03JAN06	**230**
432 - D to C-Site Dc Systems					
432-1-2	DC Cabling-Dsn	144	01OCT03*	30APR04	**474**
432-1-4.1	Spec,Bid,Eval,Award (SBEA)- Cable	65	02JUL04*	04OCT04	**431**
432-1-4.3	SBEA-Tower Installation	65	05APR04	06JUL04	**532**
432-1-4.4	S/C Tower Installation [A/1]	88	07JUL04	08NOV04	**532**
432-1-6	DC Cabling-Installation Support	313	03MAY04	02AUG05	**1,846**
433 - D-Site DC Systems					
433-1-2	DC Cabling-Dsn	191	01APR04*	10JAN05	**445**
433-3-2	NSTX OH PS changes-Dsn	499	01OCT03*	30SEP05	**174**
433-4-2	NSTX TF Power Supply changes-Dsn	496	01OCT03*	27SEP05	**177**
Job: 4401 - Control & Protection-RAMAKRISHNAN					
441-1-2	C-site-Dsn	323	01APR04*	15JUL05	**175**



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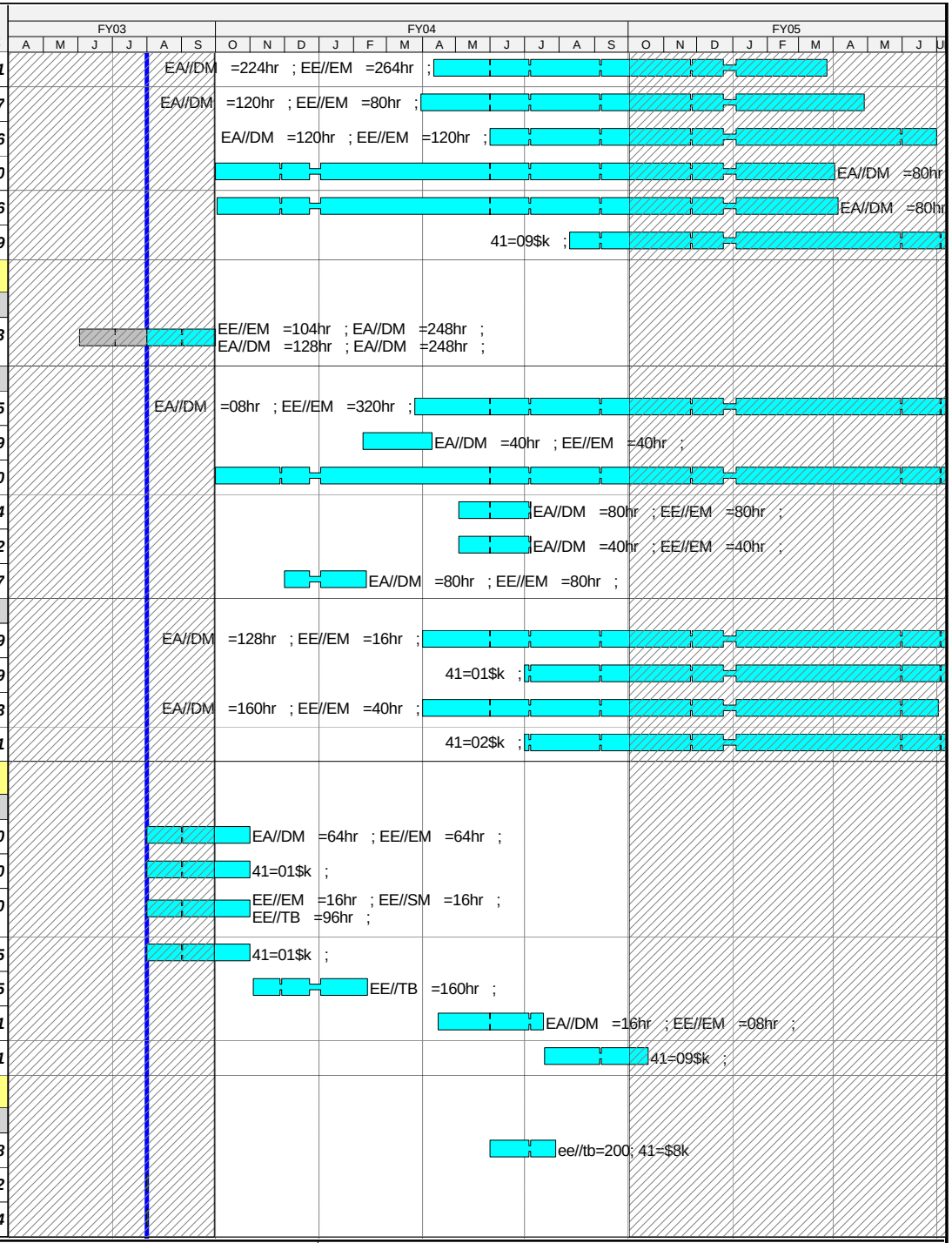
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
441-2-2	D-site-Dsn	238	12APR04*	25MAR05	231
441-3-2	D-to-C-site-Dsn	270	31MAR04*	28APR05	207
442-1-2	Kirk Keys-Dsn	271	01JUN04*	30JUN05	226
444-3-2	DC Shunts-Dsn	372	01OCT03*	01APR05	240
444-4-2	Signal Conditioning & Cabling-Dsn	371	03OCT03*	04APR05	266
444-4-4	Signal Conditioning & Cabling-Procure	439	10AUG04*	15MAY06	129
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN					
FY03 Work Accomplished					
451-0001	WBS 4 Advanced Conceptual Design FY03	85*	02JUN03A	30SEP03	2,303
451 - System Design & Interfaces					
451-1-2	Calculations-Dsn	630	26MAR04*	29SEP06	1,555
451-2-2	PDR Power system -Dsn	45	09FEB04*	09APR04	2,109
451-3-2	Drawings,changes,asbuilts -Elect Dsn Integration	913	01OCT03*	31MAY07	1,390
451-6-2	FDR C-Site -Dsn	45	03MAY04*	06JUL04	2,114
451-7-2	FDR DC transmission-Dsn	45	03MAY04*	06JUL04	532
451-8-2	FDR D-Site -Dsn	45	01DEC03*	10FEB04	2,217
452 - Electrical System Support					
452-1-2	Diagnostics AC Power Distr-Dsn	318	01APR04*	08JUL05	189
452-1-4	Diagnostics AC Power Distr-Procure	563	01JUL04*	02OCT06	129
452-2-2	Diagnostics sensor cabling-Dsn	314	01APR04*	01JUL05	193
452-2-4	Diagnostics sensor cabling-Procure	461	01JUL04*	08MAY06	231
Job: 4601 - FCPC Bldg Mods-RAMAKRISHNAN					
460-1-2	Clear area in West wing)-Dsn	65	01AUG03*	31OCT03	2,280
460-1-4	Clear area in West wing -Procure	65	01AUG03	31OCT03	2,280
460-1-6	Clear area in West wing)-Install	65	01AUG03	31OCT03	2,280
460-2-4	Clear the small Vacuum prep lab -Procure	65	01AUG03	31OCT03	2,215
460-2-6	Clear the small Vacuum prep lab -Install	65	03NOV03	12FEB04	2,215
460-3-2	Floor & Wall Penetrations-Dsn	65	15APR04*	16JUL04	431
460-3-4	Floor & Wall Penetrations-Procure	65	19JUL04	18OCT04	431
Job: 7201 - Control Room Block Wall-PERRY					
710.001	Block Wall east side control room	41	01JUN04*	28JUL04	2,078
72-00	see WBS 57	1	01AUG03	01AUG03	2,362
GPP009	Control Room Lights & Outlets **GPP**	1	01AUG03	01AUG03	2,344



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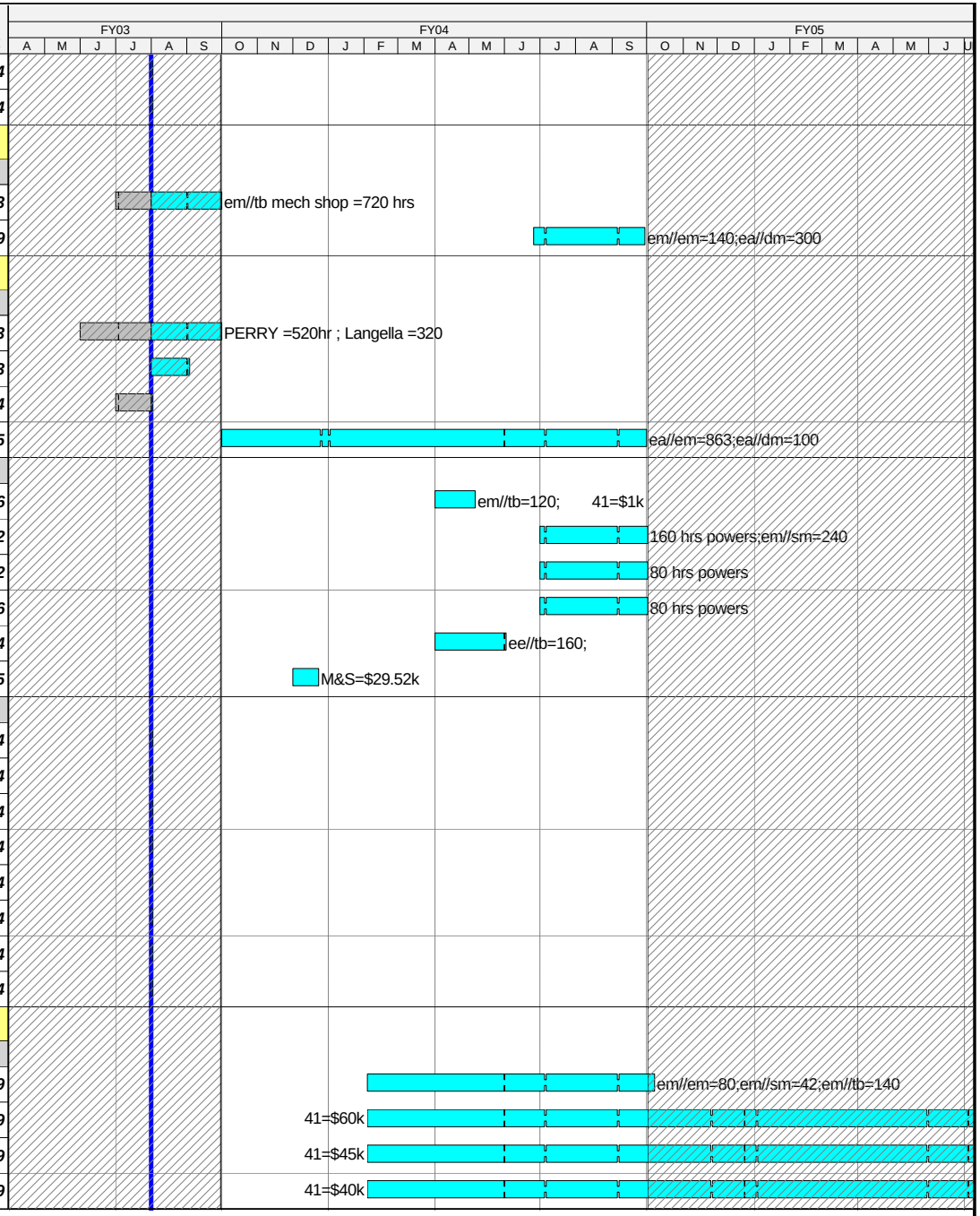
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float
GPP010	Control Room HVAC **GPP**	1	01AUG03	01AUG03	2,344
GPP011	Control Room Ceiling **GPP**	1	01AUG03	01AUG03	2,344
Job: 7301 - Platform Design&Fab-PERRY					
711A.040	Platform nut plates	64*	01JUL03A	30SEP03	2,303
712.010	Final Design	66	25JUN04*	28SEP04	369
Job: 7401 - TC Prep & Mach Assy Planning-PERRY					
Oversight and Supervision					
711A.010	FY03 June - Sept	85*	01JUN03A	30SEP03	2,303
711A.010.1	Prep Final Assembly Plan	22*	01AUG03	02SEP03	2,323
711A.011	Review and update WBS 7 cost/schedule baseline	23*	01JUL03A	01AUG03	2,344
711A.020	LOE FY04	256*	01OCT03*	30SEP04	2,065
Test Cell Modifications & Upgrades					
613.030	Test Cell copper ground plane cuts	25	01APR04*	05MAY04	586
7502-001	Test Cell 110v outlets	65	01JUL04*	01OCT04	472
7502-002	Test Cell 208v outlets	65	01JUL04*	01OCT04	472
7502-010	Ready Rooms (under control room) 110v outlets	65	01JUL04*	01OCT04	346
7502-025	TC Floor penetration covers	42	02APR04*	01JUN04	474
EXFAC001.2	Complete Crane Modifications (S04354)	17*	01DEC03*	23DEC03	2,245
FED/Infrastructure Support (non Project cost)					
GPP002	GPP-CS Water sys refurbishment **TBD**	1	01AUG03	01AUG03	2,344
GPP003	GPP-Demineralizer refurbishment **TBD**	1	01AUG03	01AUG03	2,344
GPP004	GPP-Roofing **TBD**	1	01AUG03	01AUG03	2,344
GPP005	GPP-Test Cell lighting **TBD**	1	01AUG03	01AUG03	2,344
GPP006	GPP-Test Cell HVAC/dew point control **TBD**	1	01AUG03	01AUG03	2,344
GPP007	GPP-C-Site elevators **TBD**	1	01AUG03	01AUG03	2,344
GPP008	GPP-Fire suppression **TBD**	1	01AUG03	01AUG03	2,344
GPP012	Fire Detection & Suppression **TBD**	1	01AUG03	01AUG03	2,344
Job: 7601 - Tooling & Fixtures-PERRY					
713.020	Lab Fab/Assy/Installation	174	04FEB04*	07OCT04	1,409
713.030	Tooling,assy fixtures,misc equipt	825	04FEB04	30APR07	1,409
713.040	General procurements	825	04FEB04	30APR07	1,409
713.050	Welding tools, materials & equipt	825	04FEB04	30APR07	1,409



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