cc 9450 - NCSX Fabrication (MIE)

2 - Plasma Heating, Fueling & Vac Systems

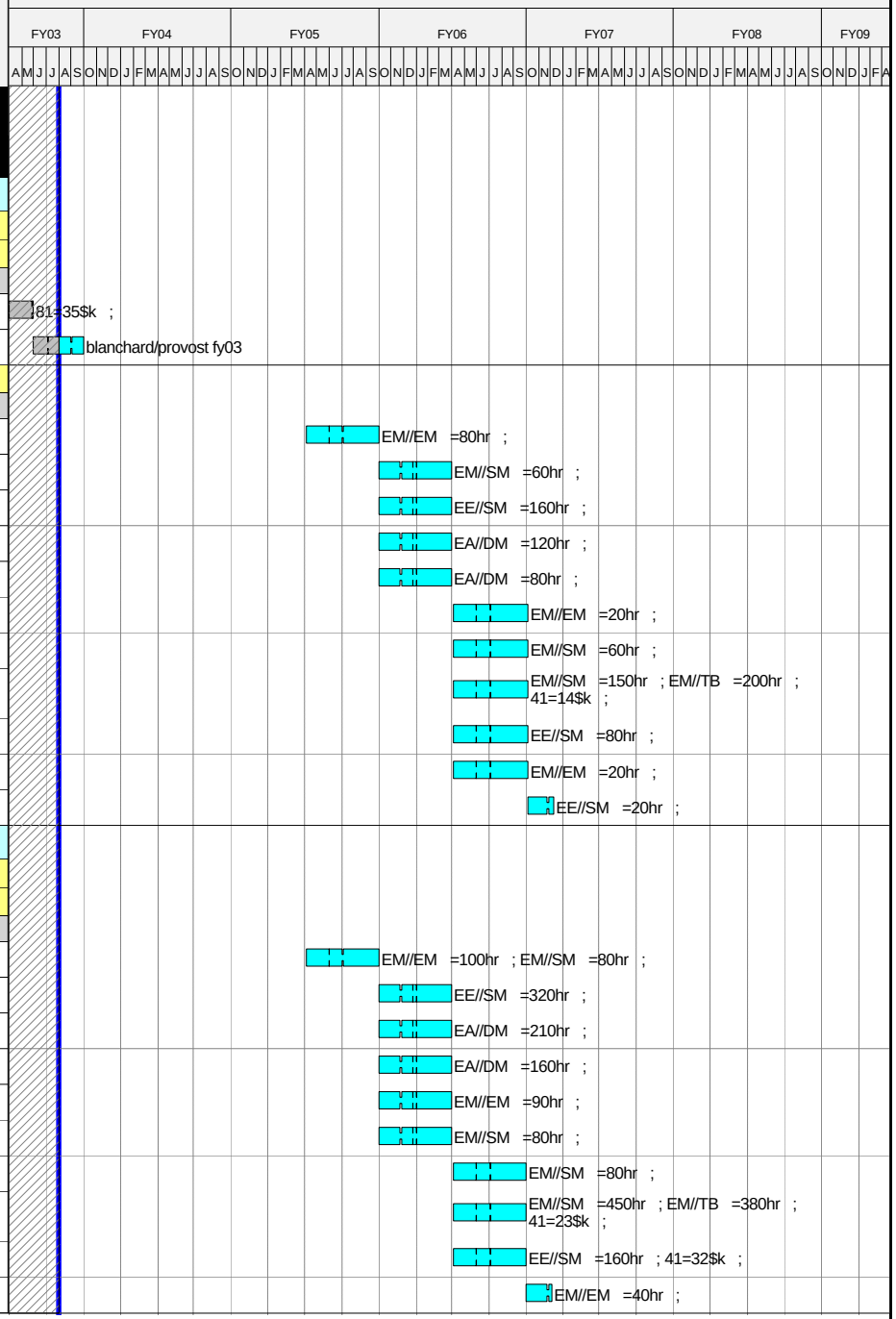
21 - Fueling Systems

Job: 2001-VPS,Gas& Cond Sys Oversight-BLANCHARD

Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float	CD-2 Baseline Budget without cont	Cont %
YTD (Oct - May)							
2001-001	Apr-May MIE Cost	43*	*01APR03A*	*30MAY03A*		35,300.00	0
2001-100	PDR Support	85*	*01JUN03A*	*30SEP03*	***2,303***	24,896.00	0
21-10	Eng. Work Planning and Design	126	*06APR05**	*30SEP05*	***127***	13,288.00	14
21-15	Design Gas Handling Hardware	126	*03OCT05**	*31MAR06*	***127***	6,606.00	14
21-20	Design PLC Controls	126	*03OCT05**	*31MAR06*	***127***	17,968.00	14
21-25	Electrical Drafting for pumping system	126	*03OCT05**	*31MAR06*	***127***	13,200.00	14
21-30	Drafting	126	*03OCT05**	*31MAR06*	***127***	8,800.00	14
21-35	Eng. Work Planning and Design	130	*03APR06**	*03OCT06*	***127***	3,382.00	14
21-40	Fabrication/Install Hardware	130	*03APR06**	*03OCT06*	***127***	6,613.85	14
21-45	Fabrication/installation	130	*03APR06**	*03OCT06*	***127***	50,371.53	14
21-55	Install PLC Controls	130	*03APR06**	*03OCT06*	***127***	8,994.58	14
21-60	Integrated Systems Testing/Eng	130	*03APR06**	*03OCT06*	***127***	3,382.00	14
21-65	Integrated Systems Testing/Tech Support	45	*04OCT06**	*07DEC06*	***127***	2,418.00	14

22 - Torus Vacuum Pumping Systems

Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float	CD-2 Baseline Budget without cont	Cont %
22-25	Eng. Work Planning and Design	126	*06APR05**	*30SEP05*	***131***	25,274.00	14
22-30	Design PLC based control system	126	*03OCT05**	*31MAR06*	***131***	35,936.00	14
22-35	Electrical Drafting for pumping system	126	*03OCT05**	*31MAR06*	***131***	23,100.00	14
22-40	Drafting	126	*03OCT05**	*31MAR06*	***131***	17,600.00	14
22-45	Eng. Work Planning and Design	126	*03OCT05**	*31MAR06*	***131***	15,201.00	14
22-50	Perform maint. & repair of pmpg sys	126	*03OCT05**	*31MAR06*	***131***	8,808.00	14
22-55	Repair and Calibration of vac instrumentation	126	*05APR06*	*29SEP06*	***129***	8,808.00	14
22-60	Fabrication/installation	126	*05APR06*	*29SEP06*	***129***	110,074.00	14
22-65	Fab PLC conrols	126	*05APR06*	*29SEP06*	***129***	59,728.00	14
22-70	Integrated Systems Testing/Eng	45	*02OCT06**	*05DEC06*	***129***	7,276.00	14



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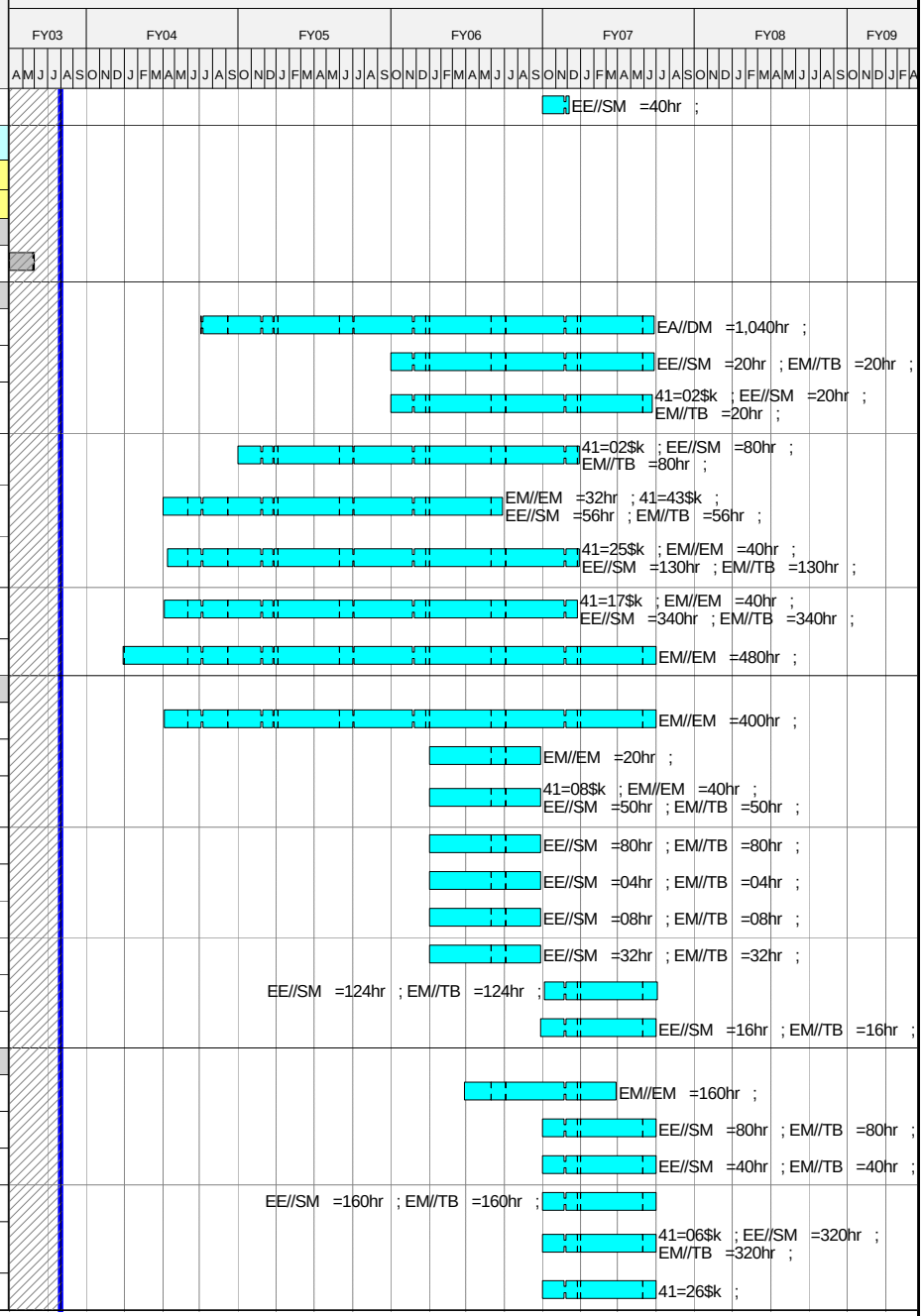
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float	CD-2 Baseline Budget without cont	Cont %
22-75	Integrated Systems Testing/Tech Support	45	02OCT06*	05DEC06	**129**	4,836.00	14
25 - Neutral Beam Injection System							
250 - Neutral Beam Injection System							
Job: 2501 - Neutral Beam Refurbishment-STEVENSON							
YTD (Oct - May)							
2501-001	Apr-May MIE Cost	43*	01APR03A	30MAY03A		108,150.00	0
Refurbishment							
25-100	6) Drafting Support	758	02JUL04*	25JUN07	**1,370**	115,489.53	16
25-105	7) Refurbish sources	441	03OCT05*	26JUN07	**1,369**	3,977.51	16
25-110	8) Fabricate and install new filaments	438	03OCT05*	21JUN07	**1,372**	6,625.84	16
25-115	9) Refurbish calorimeters as needed	570	01OCT04*	28DEC06	**1,495**	18,028.61	16
25-130	12) Dsn,Fan,Instl NBI vacuum system	570	02APR04*	28JUN06	**1,622**	71,480.50	16
25-145	15)Upgrade/Calibr of telemetry, ptical links etc	688	16APR04*	29DEC06	**1,494**	64,061.14	16
25-155	17) Fab/Instl Front Box Nitrogen Cryopanels.	690	08APR04*	22DEC06	**1,498**	93,777.87	16
25-175	21) Sys Engr & Work Planning Procedures	892	30DEC03*	29JUN07	**1,366**	81,248.39	16
Re-Install Beamline							
25-180	31)Work Planning Procedures	824	05APR04*	28JUN07	**1,367**	67,953.50	16
25-185	32) EAD analysis of platform support capability	190	03JAN06*	27SEP06	**1,558**	3,378.00	16
25-190	33) Fabr BL alignment measur fixture,	190	03JAN06*	27SEP06	**1,558**	26,826.00	16
25-195	34) Fabr new bellows/electrical break	190	03JAN06*	27SEP06	**1,558**	15,408.00	16
25-200	35) Perform alignment measurements	190	03JAN06*	27SEP06	**1,558**	770.40	16
25-205	36) Prepare platform for base plate	190	03JAN06*	27SEP06	**1,558**	1,540.80	16
25-210	37) Relocate base plate to NCSX location	190	03JAN06*	27SEP06	**1,558**	6,163.20	16
25-215	38) Lift NB from Refurb location to NCSX locatio	190	04OCT06*	03JUL07	**1,364**	25,717.60	16
25-220	39) Enclose platform around base plate	190	29SEP06*	28JUN07	**1,367**	3,317.16	16
Re-Install Cables							
25-225	Cabling-Design & WP Procedures	255	27MAR06*	26MAR07	**1,434**	28,019.14	16
25-230	Cabling-Fabr and Install new Junction Box	190	02OCT06*	29JUN07	**1,366**	16,592.00	16
25-235	Cabling-Hi-potting cable run and fixing problems	190	02OCT06*	29JUN07	**1,366**	8,296.00	16
25-240	Cabling-Install Cable Trays	190	02OCT06*	29JUN07	**1,366**	33,184.00	16
25-245	Cabling-Pull cables Arc Room to PVC Junction Box	190	02OCT06*	29JUN07	**1,366**	74,480.00	16
25-250	Cabling- M&S f/ trays, fixtures, materials	190	02OCT06*	29JUN07	**1,366**	35,152.00	16



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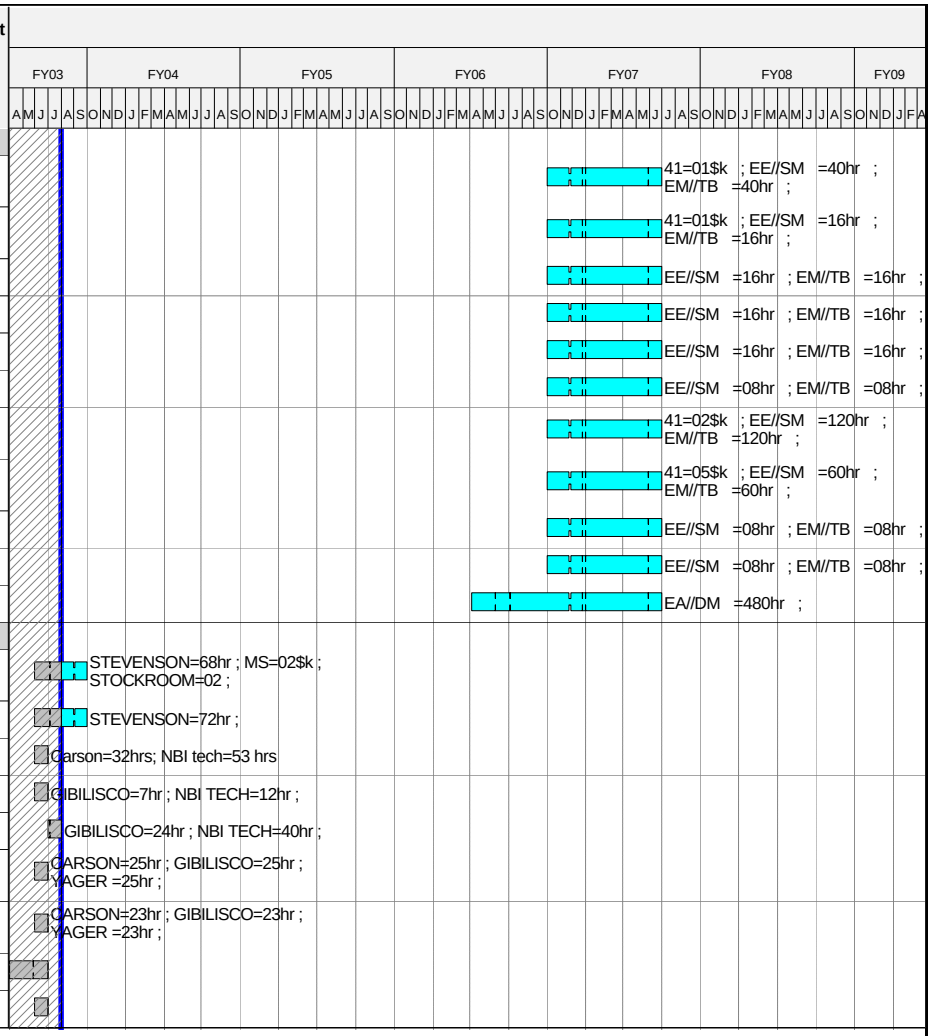
Activity ID	Activity Description	Orig Dur	Forecast Start	Forecast Finish	Total Float	CD-2 Baseline Budget without cont	Cont %
Beamline Connections							
25-255	Install weld cables Juncton Box to Ion Source.	190	*02OCT06**	*29JUN07*	***1,366***	9,107.20	16
25-260	Connect bBL to foreline and exhaust manifold.	190	*02OCT06**	*29JUN07*	***1,366***	4,129.60	16
25-265	New PLC. Test system after installation.	190	*02OCT06**	*29JUN07*	***1,366***	3,318.40	16
25-270	Connect BL to new manifold & test	190	*02OCT06**	*29JUN07*	***1,366***	3,318.40	16
25-275	Connect beamline to new manifold & test.	190	*02OCT06**	*29JUN07*	***1,366***	3,318.40	16
25-280	Connect beamline to new manifold and test	190	*02OCT06**	*29JUN07*	***1,366***	1,659.20	16
25-285	Install Water System	190	*02OCT06**	*29JUN07*	***1,366***	27,727.20	16
25-290	Fab & Install Water Cooled Aperture	190	*02OCT06**	*29JUN07*	***1,366***	19,609.60	16
25-295	New PLC for water sys & test	190	*02OCT06**	*29JUN07*	***1,366***	1,659.20	16
25-300	Diag Sys-Fab/install new cables	190	*02OCT06**	*29JUN07*	***1,366***	1,659.20	16
25-310	Drafting Labor Support	318	*03APR06**	*29JUN07*	***1,366***	55,237.74	16
250-0001	Design & work planning (50% 6/1)	85*	*01JUN03A*	*30SEP03*	***2,303***	14,817.10	0
250-0003	Systems Engineering & Interfaces (25% 6/1)	85*	*01JUN03A*	*30SEP03*	***2,303***	10,454.40	0
250-0013	Power Supply Eval-Local Test Accel Rectifier	9	*01JUN03A*	*30JUN03A*		7,181.00	0
250-0017	Power Supply Eval-Modulator Restoration (70% 6/1	21*	*01JUN03A*	*30JUN03A*		1,600.50	0
250-0021	Power Supply Eval-Crowbar Test	30	*01JUL03A*	*31JUL03A*		5,404.00	0
250-0035	Beamline #1 Evaluations-Cryo Pump Test (15% 6/1)	21*	*01JUN03A*	*30JUN03A*		7,712.50	0
250-0037	Beamline #2 Evaluations-Cryo Pump Test (25% 6/1)	21*	*01JUN03A*	*30JUN03A*		7,712.50	0
NEW-002	Cryo feedthrough Mod for clearances (50% 6/1)	85*	*01APR03A*	*30JUN03A*		0.00	0
NEW-005	Modular DI Water System Mods (50% 6/1)	21*	*01JUN03A*	*30JUN03A*		0.00	0



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