

CP	Activity Description	Duration (Days)	Baseline Start	Baseline Finish	Shfts	Final
7 - Test Cell Preparation and Machine Assy						
75 - Test Cell and Basement Assembly Operations						
Job: 7503 - Machine Assembly (station 6) PERKY						
7501-10	C Fabricate/Assemble assembly structure	20	04DEC08	23JAN09	1	13
7501-11	C Fabricate support base and columns	20	04DEC08	23JAN09	1	23
7501-12	C Assemble 3 FPA support stands	15	12NOV08	06DEC08	1	12
7501-13	C Assemble 3 VV spool piece support stands	10	05DEC08	15DEC08	1	12
7501-14	C Assemble machine base structure	10	19DEC08	12JAN09	1	12
7501-15	C Assemble 3 FPA installation carts	10	13JAN09	23JAN09	1	12
7501-16	C Fabricate 3 laser support spools	20	20NOV08	13JAN09	1	20
7501-17	C Fabricate concrete blocks for testing assay struc	12	14JAN09	23JAN09	1	20
7503-010	C Begin Assembly Activities	0	26JAN09		1	3
7503-020	C Install Permanent support base and columns	10	26JAN09	06FEB09	1	3
7503-015	C Install Temp Assembly Structure	15	09FEB09	27FEB09	1	3
7503-060	C Install Lower PF 4566 into prelin position	1	02MAR09	02MAR09	1	3
7503-070	C Install 3 Spool Pieces on flat & test movement	10	03MAR09	16MAR09	1	3
7501-15.9	C Install test cell metrology site monuments & chk	20	17MAR09	13APR09	1	3
7501-16.10	C Test TC floor deflections with concrete block	15	14APR09	06MAY09	1	3
7501-16.8	C Exercise assay struc with concrete blocks & metro	20	06MAY09	03JUN09	2	3
7503-080A	C FPA-1 Installation and assembly test	20	03JUN09	30JUN09	1	3
7503-090	C FPA-1 installed on sleds	0	30JUN09		1	3
7501-11	C Exercise assay struc w/FPA-1 before start of assay	40	03JUL09	24AUG09	1	3
7503-415.7	C Measure vsl gaps to determine spool piece dimension	18	27JUL09	23SEP09	1	3
7503-415.0	C Spool piece installation test	20	23SEP09	20OCT09	1	3
7503-416.1	C Machine Flange A & B of Spool Piece 1	20	21OCT09	03DEC09	1	3
7503-416.2	C Machine Flange A & B of Spool Piece 2	20	24OCT09	26JAN10	1	3
7503-416.3	C Machine Flange A & B of Spool Piece 3	20	27JAN10	06MAR10	1	3
7503-110A	C FPA-2 Installation and assembly test	20	06OCT09	02NOV09	1	9
7503-110	C FPA-2 installed on sleds	0	02NOV09		1	9
7503-10A	C FPA-3 Installation and assembly test	20	16NOV09	10DEC09	1	9
7503-10	C FPA-3 installed on sleds	0	10DEC09		1	9
7503-120	C Test movement of FPA's incl position checks.	5	16DEC09	23DEC09	1	9
7503-400	C Install inboard and outboard shims	6	04JAN10	11JAN10	1	0
7503-402	C Move all FPA's together, chk flagback shims	6	12JAN10	19JAN10	1	0
7503-404	C Weld inboard shims on mating flanges	6	20JAN10	26JAN10	1	0
7503-406	C Install TF coils at ends of each FPA	6	26JAN10	01FEB10	1	0
7503-410	C Install spacer supports and spacers	2	05FEB10	08FEB10	1	0
7503-412	C Move FPA's & spacers together/CHK flag	6	09FEB10	16FEB10	1	0
7503-414	C Remove Spacers & Machine spacers to fit	4	17FEB10	23FEB10	1	0
7503-415	C Re-install spacers	2	23FEB10	26FEB10	1	0
7503-140	C Position all FPA's / Spool Pieces @ MC Interface	6	25FEB10	04MAR10	1	0
7503-090	C Install local Platforms around FPA-1	2	05MAR10	08MAR10	2	0
7503-130	C Install local Platforms around FPA-2	2	09MAR10	10MAR10	2	0
7503-100	C Install local Platforms around FPA-3	2	11MAR10	12MAR10	2	0
7503-415.5	C MC Interface/measure hole/mark bushings/fitting	3	05MAR10	08MAR10	1	0
7503-415.6	C drill eccentric custom holes in bushings	3	10MAR10	12MAR10	1	0
7503-416	C Position Spool pieces and Bolt MC Flanges	9	15MAR10	23MAR10	2	0
7503-417	C Retorque all upper nuts after 30 days	6	26MAR10	02MAY10	2	0
7503-418	C Raise permanent supports to take machine loads	9	20MAR10	06APR10	2	3
7503-419	C Remove temporary assay structure	1	07APR10	07APR10	2	3
7503-419.1	C Install Level FPA's and spool piece supports	15	08APR10	26APR10	2	3
7503-419.2	C FPA Metrology checks to assure alignment	3	04MAY10	06MAY10	2	0
7503-420	C Make-up and Weld spacers onto vsls	15	07MAY10	27MAY10	2	0
7503-422	C Weld all six port 4's in place	15	28MAY10	16JUN10	2	0
7503-422.1	C Install E-beam mapping & diag equip	5	21JUN10	25JUN10	2	0
7503-430	C Install Vacuum pumping system	3	21JUN10	23JUN10	2	2
7503-200	C Begin VV W/ Pumpdown	0	28JUN10		2	0
7503-240	C PTP Pumpdown & leak check VV	8	28JUN10	08JUL10	2	0
7503-424	C Install TF alignment & traction ring	4	09JUL10	14JUL10	2	0
7503-426	C Pull TF coil ready to insert. Verify nose fit up	5	15JUL10	21JUL10	2	0
7503-428	C Lock TF coils at far support location	4	22JUL10	27JUL10	2	0
7503-430	C Install MC structure insulation boots port 4's	5	28JUL10	03AUG10	2	0
7503-431	C Seal gaps MC shims,cooling tubes, for insul pour	10	04AUG10	17AUG10	2	0
7503-432	C Fill MC/VSA annulus with pourable aerogel insul	1	18AUG10	18AUG10	2	0
7503-433.1	C Install LNZ manifolds	8	19AUG10	26AUG10	2	16
7503-434	C Install cryostat cabling for elect port to coils	8	19AUG10	26AUG10	2	0
7503-436	C Connect cabling, and MC to MC & TF Coils	8	31AUG10	10SEP10	2	0
7503-439	C Complete mag diag & machine IAC	5	13SEP10	17SEP10	2	0
7503-440	C Adjust guide mechanism for solenoid installation	1	20SEP10	20SEP10	2	0
7503-444	C Install solenoid support structure	1	21SEP10	21SEP10	2	0
7503-440	C Install solenoid assembly	1	22SEP10	22SEP10	2	0
7503-442	C Connect cabling, LNZ and B&C to solenoid assy	1	23SEP10	23SEP10	2	0
7503-446	C Install PFL	1	24SEP10	24SEP10	2	0
7503-448	C Connect cabling, LNZ and IAC to PFL	1	27SEP10	27SEP10	2	0
7503-450	C Adjust spring compression in solenoid spnt struc	1	28SEP10	28SEP10	2	0
7503-451	C Raise lower PF 586 coils into final position	3	29SEP10	01OCT10	2	0
7503-452	C Install Upper PF 4, 5 & 6	3	04OCT10	06OCT10	2	0
7503-230	C Begin Cryostat Installation	0	07OCT10		2	0
7503-454	C Install cryostat base, vapor barrier, port boots	5	07OCT10	13OCT10	2	0
7503-456	C Install elec par, LNZ, & inter feedthrus	3	14OCT10	18OCT10	2	0
7503-458	C Integrated Electrical testing	5	19OCT10	20OCT10	2	0
7503-460	C Install traction base cabling & connect to gear sup	5	20OCT10	01NOV10	2	24
7503-462	C LNZ connections from coils to manifolds	5	20OCT10	01NOV10	2	8
7503-464	C Connect coil & VV instrumentation	5	26OCT10	01NOV10	2	0
7503-466	C Connect 190C battery	3	02NOV10	04NOV10	2	0
7503-470	C Install cryostat cooling syst & instrumentation	10	12NOV10	20NOV10	2	0
7503-471	C Install cryostat upper sections, V8 & port boots	5	30NOV10	05DEC10	2	0
7503-472	C Install midplane cryostat sections & port boots	8	07DEC10	16DEC10	2	0
7503-473	C Install cryostat circulation duct	3	17DEC10	21DEC10	2	0
7503-800	C PTP and Cool down	3	22DEC10	03JAN11	2	0
8 - Project Oversight and Support						
82 - Project Engineering						
Job: 8205 - Dimensional Control Coordin-ELLIS						
8205-01	C Dimensional control plans for station 2	65	01JAN07	31AUG07	0	0
85 - Integrated Systems Testing						
Job: 8501 - Integrated Systems Testing-GENTILE						
8501-102	C Punch list & CBS & HSS PTP's complete	5	01OCT10	07OCT10	1	5
8501-103	C PTP's complete for ECS,HCS,vac prng	5	14OCT10	14OCT10	1	5
8501-104	C ACC review and OKA	5	15OCT10	21OCT10	1	5
730-120	C PSD Operational Readiness Assessment	0	21OCT10		1	5
8501-201	C Configure for Startup (STP)	5	26OCT10	01NOV10	1	5
8501-205	C Coil Testing at room temp	5	02NOV10	11NOV10	1	0
8501-106	C Coil testing @ cryo temp, Pump-down VV	5	04JAN11	10JAN11	1	0
8501-107	C Combined field testing, Make 1st Plasma	5	11JAN11	17JAN11	1	0
8501-108	C Vent VV, Config for & install e-beam mapping	5	16JAN11	21JAN11	1	0
8501-206	C E-beam mapping	5	25JAN11	29JAN11	1	0
8501-110	C NCSX Startup Complete	0	31JAN11		1	0
730-900	C CD-4	0	23DEC11		1	0

