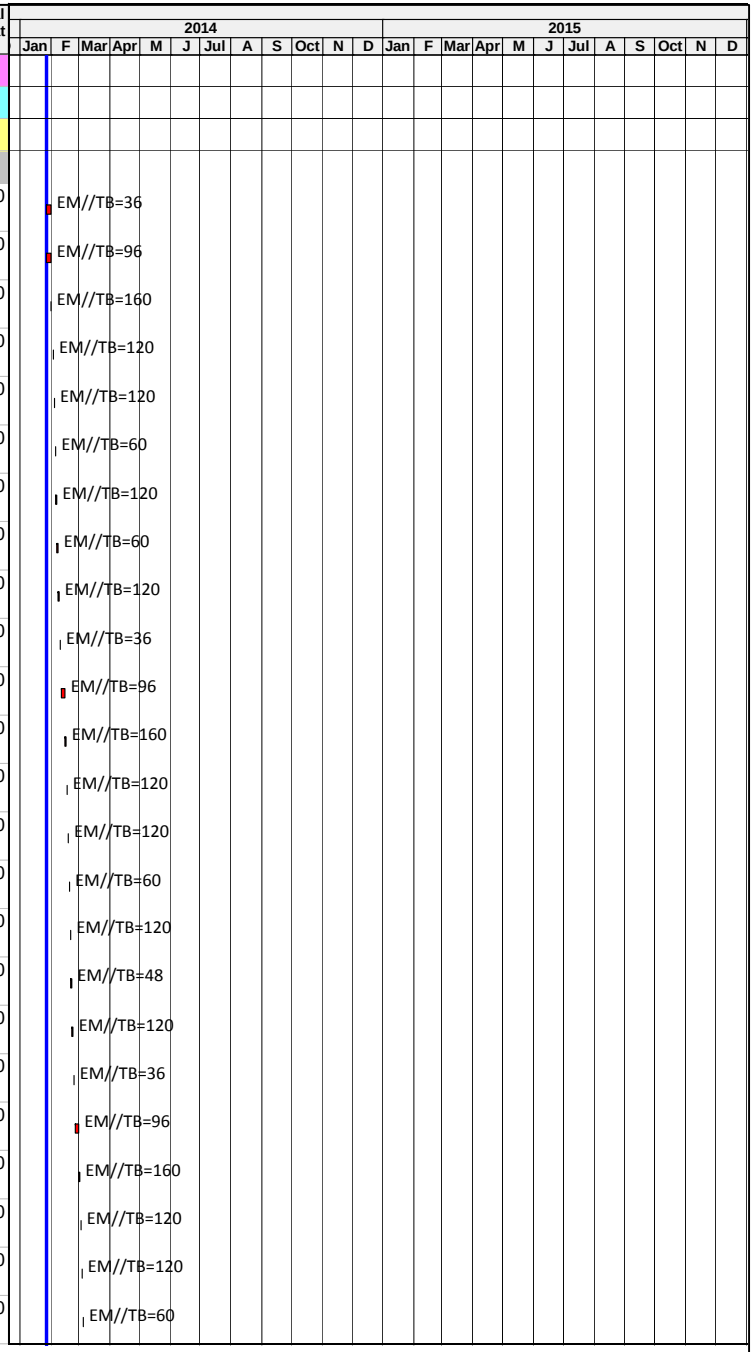
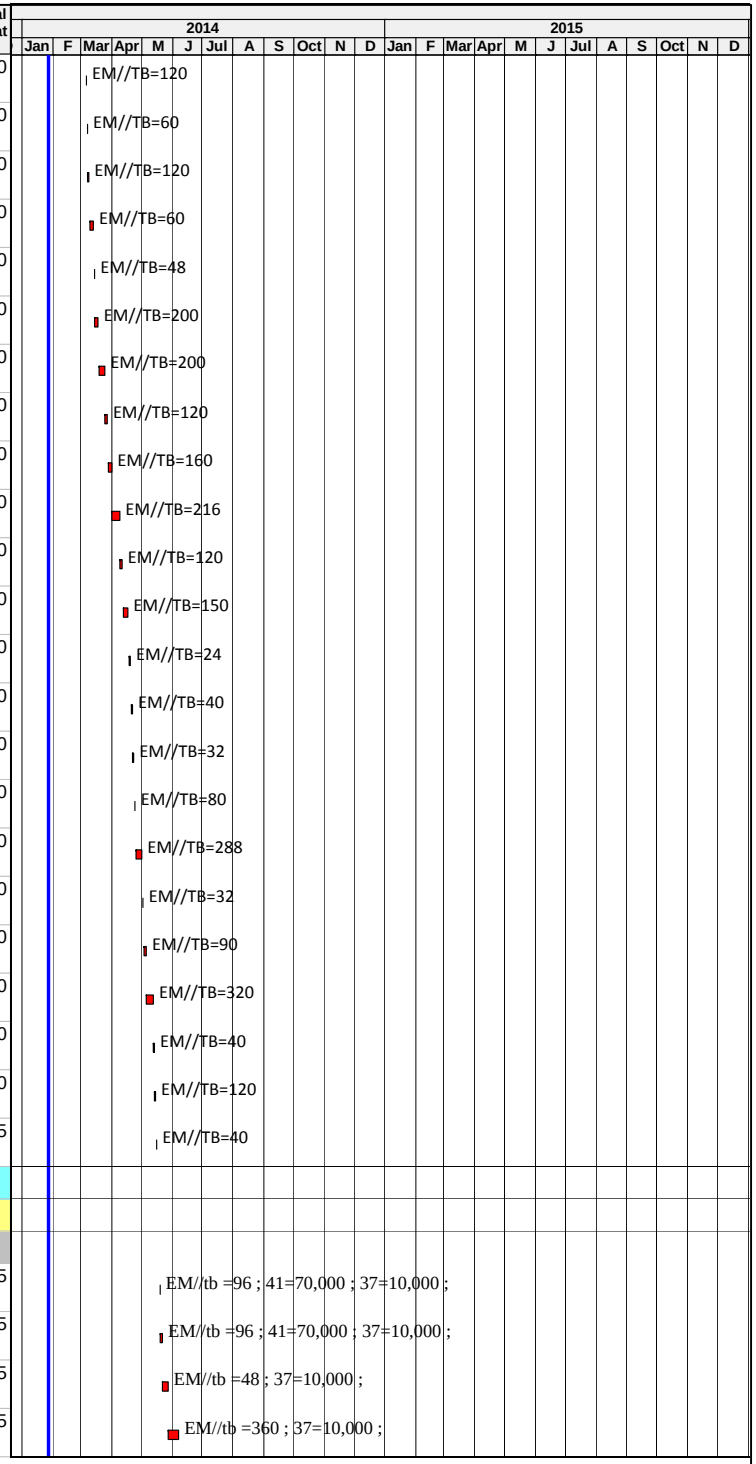
Activity ID	Activity Name	Original Duration	Act % Comp	Start	Finish	BL Finish	Budgeted Total Cost	Total Float
NSTX Upgrade Project								
Job: 1305 - OHMIC Heating Coil (OH)-CHRZANOWSKI								
CS High Bay								
TF/OH Fabrication								
1305-6300	Perform prelim electrcial tests of lay 1/Leak Chk fittings	5	0%	27-Jan-14	31-Jan-14*	16-Sep-13	$3,879.36	-30
1305-6400	Braze layer to layer joint layer #1	5	0%	27-Jan-14	31-Jan-14	18-Sep-13	$10,344.96	-30
1305-6500	Wind 1st Quarter of layer #2	1	0%	01-Feb-14	01-Feb-14	19-Sep-13	$17,241.60	-30
1305-6600	Make (2) in-line brazes of 1st Qtr of layer #2	1	0%	03-Feb-14	03-Feb-14	20-Sep-13	$12,931.20	-30
1305-6700	Wind second Quarter of layer #2	1	0%	04-Feb-14	04-Feb-14	23-Sep-13	$12,931.20	-30
1305-6700A	Make (2) in-line brazes of 2nd Qtr of layer #2	1	0%	05-Feb-14	05-Feb-14	24-Sep-13	$6,465.60	-30
1305-6700B	Wind Third Quarter of layer #2	1	0%	06-Feb-14	06-Feb-14	25-Sep-13	$12,931.20	-30
1305-6700C	Make (2) in-line brazes of 3rd Qtr of layer #2	1	0%	07-Feb-14	07-Feb-14	26-Sep-13	$6,465.60	-30
1305-6700D	Wind 4th Quarter of layer #2	1	0%	08-Feb-14	08-Feb-14	27-Sep-13	$12,931.20	-30
1305-6800	Perform prelim electrical test lay 2/Leak Chk fittings	1	0%	10-Feb-14	10-Feb-14	27-Sep-13	$3,879.36	-30
1305-6900	Braze layer to layer joint layer #2	4	0%	11-Feb-14	14-Feb-14	30-Sep-13	$10,344.96	-30
1305-7000	Wind 1st Quarter of layer #3	1	0%	15-Feb-14	15-Feb-14	02-Oct-13	$17,241.60	-30
1305-7100	Make (2) in-line brazes of 1st Qtr of layer #3	1	0%	17-Feb-14	17-Feb-14	03-Oct-13	$12,931.20	-30
1305-7200	Wind second Quarter of layer #3	1	0%	18-Feb-14	18-Feb-14	04-Oct-13	$12,931.20	-30
1305-7200A	Make (2) in-line brazes of 2nd Qtr of layer #3	1	0%	19-Feb-14	19-Feb-14	07-Oct-13	$6,465.60	-30
1305-7200B	Wind third Quarter of layer #3	1	0%	20-Feb-14	20-Feb-14	08-Oct-13	$12,931.20	-30
1305-7200C	Make (2) in-line brazes of 3rd Qtr of layer #3	1	0%	21-Feb-14	21-Feb-14	09-Oct-13	$6,465.60	-30
1305-7200D	Wind 4th Quarter of layer #3	1	0%	22-Feb-14	22-Feb-14	10-Oct-13	$12,931.20	-30
1305-7300	Perform prelim electrical tests layer #3/Leak Chk fittings	1	0%	24-Feb-14	24-Feb-14	10-Oct-13	$3,879.36	-30
1305-7400	Braze layer to layer joint layer #3	4	0%	25-Feb-14	28-Feb-14	11-Oct-13	$10,344.96	-30
1305-7500	Wind first Quarter of layer #4	1	0%	01-Mar-14	01-Mar-14	15-Oct-13	$17,241.60	-30
1305-7600	Make (2) in-line brazes of 1st Qtr of layer #4	1	0%	03-Mar-14	03-Mar-14	16-Oct-13	$12,931.20	-30
1305-7700	Wind second Quarter of layer #4	1	0%	04-Mar-14	04-Mar-14	17-Oct-13	$12,931.20	-30
1305-7700A	Make (2) in-line brazes of 2nd Qtr of layer #4	1	0%	05-Mar-14	05-Mar-14	18-Oct-13	$6,465.60	-30



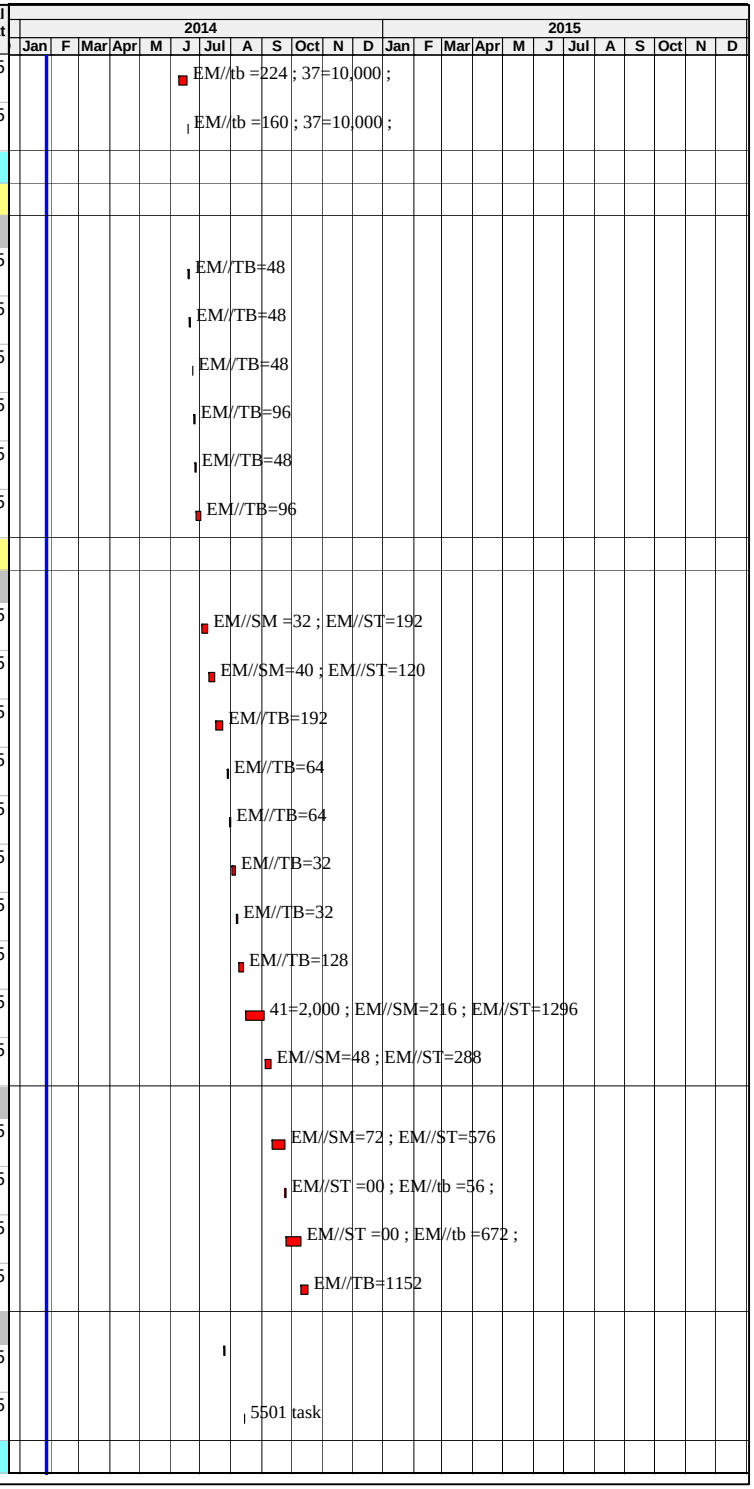
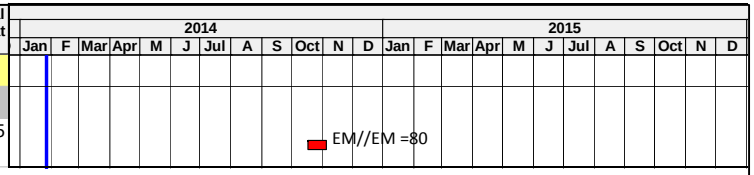
Primary Baseline
Remaining Work
Actual Work
Critical Remaining Work

NSTX-U Status
Critical Path Run Date:30-Jan-14

Activity ID	Activity Name	Original Duration	Act % Comp	Start	Finish	BL Finish	Budgeted Total Cost	Total Float
1305-7700B	Wind third quarter of layer #4	1	0%	06-Mar-14	06-Mar-14	21-Oct-13	$12,931.20	-30
1305-7700C	Make (2) in-line brazes of 3rd Qtr of layer #4	1	0%	07-Mar-14	07-Mar-14	22-Oct-13	$6,465.60	-30
1305-7700D	Wind 4th Quarter of layer #4	1	0%	08-Mar-14	08-Mar-14	23-Oct-13	$12,931.20	-30
1305-7700F	Make final lead brazes layer #4	4	0%	10-Mar-14	13-Mar-14	24-Oct-13	$6,465.60	-30
1305-7700E	Perform prelim electrical tests lay 4/Leak Chk fittings	1	0%	14-Mar-14	14-Mar-14	25-Oct-13	$5,172.48	-30
1305-7800	Apply groundwrap insulation (2 shift)	3	0%	15-Mar-14	18-Mar-14	30-Oct-13	$21,552.00	-30
1305-7900	Mount OH mold around coil	5	0%	19-Mar-14	24-Mar-14	13-Nov-13	$21,552.00	-30
1305-8000	Prepare VPI operation	3	0%	25-Mar-14	27-Mar-14	18-Nov-13	$12,931.20	-30
1305-8100	VPI- mold	3	0%	28-Mar-14	31-Mar-14	21-Nov-13	$19,396.80	-30
1305-8200	Cure VPI'd coil	7	0%	01-Apr-14	08-Apr-14	05-Dec-13	$23,276.16	-30
1305-8300	Remove mold from OH coil	3	0%	09-Apr-14	11-Apr-14	06-Dec-13	$12,931.20	-30
1305-8400	Cleanup OH coil	5	0%	12-Apr-14	17-Apr-14	10-Dec-13	$16,164.00	-30
1305-8500	Silverplate all electrical surfaces (OH/TF) (cont 2 shft)	2	0%	18-Apr-14	19-Apr-14	13-Dec-13	$2,586.24	-30
1305-8800	Perform hydrostat and flow tests - OH/TF coils (cont 2 shft)	1	0%	21-Apr-14	21-Apr-14	07-Jan-14	$4,310.40	-30
1305-8800C	Install temporary OH support structure (cont 2 shft)	2	0%	22-Apr-14	23-Apr-14	07-Jan-14	$3,448.32	-30
1305-8800D	Position OH/TF in vertical position (cont 2 shft)	1	0%	24-Apr-14	24-Apr-14	07-Jan-14	$8,620.80	-30
1305-8700	Remove aquapour between OH and TF (cont 2 shft)	6	0%	25-Apr-14	01-May-14	02-Jan-14	$31,034.88	-30
1305-8600	Perform Final OH electrical tests (cont 2 shft)	1	0%	02-May-14	02-May-14	16-Dec-13	$3,448.32	-30
1305-8800B	Lower/apply wet layup around U/L crown regions (cont 2 shft)	2	0%	03-May-14	05-May-14	14-May-14	$9,698.40	-30
1305-8800A	Install Upper & Lower Crowns (cont 2 shft)	6	0%	06-May-14	12-May-14	24-Jan-14	$34,483.20	-30
1305-8800E	Install upper silicone band between OH/TF (cont 2 shft)	1	0%	13-May-14	13-May-14	23-May-14	$4,310.40	-30
1305-8800F	Install belleville washer assly & reinst lwr sup (cont 2 shft)	2	0%	14-May-14	15-May-14	28-May-14	$12,931.20	-30
1305-8900	Transport to CS assembly station	1	0%	16-May-14	16-May-14	22-Jan-14	$4,310.40	-25
Job: 1302 - Center Stack Assembly-CHRZANOWSKI								
Fabrication / Assembly								
No group								
1302-1500A	Position OH/TF in vertical position	1	0%	19-May-14	19-May-14	27-Jan-14	$10,344.96	-25
1302-1500B	Join the lower PF1A assembly with OH/TF bundle	2	0%	20-May-14	21-May-14	30-Jan-14	$10,344.96	-25
1302-1501B	Apply ground plane to OH outer surface	3	0%	22-May-14	27-May-14	04-Feb-14	$5,172.48	-25
1302-1500C	Install the surface diagnostics onto OH surface	8	0%	28-May-14	06-Jun-14	25-Feb-14	$38,793.60	-25



Activity ID	Activity Name	Original Duration	Act % Comp	Start	Finish	BL Finish	Budgeted Total Cost	Total Float
1302-1500D	Install Micro-therm insulation around OH coil	7	0%	09-Jun-14	17-Jun-14	06-Mar-14	$24,138.24	-25
1302-1500F	****Ready for Delivery to Test Cell****	1	0%	18-Jun-14	18-Jun-14	24-Mar-14	$17,241.60	-25
Job: 8250 - Remove/Install Centerstack-PERRY								
CS Assembly in NSTX South High Bay								
Install New Centerstack								
8250-174B	OH/TF Bundle delivery to the NTC South High Bay	1	0%	19-Jun-14	19-Jun-14	28-Mar-14	$5,172.48	-25
8250-174F	Install OH/TF bundle into tilt up fixture	1	0%	20-Jun-14	20-Jun-14	04-Apr-14	$5,172.48	-25
8250-174G	Rotate OH/TF bundle to vertical position	1	0%	23-Jun-14	23-Jun-14	07-Apr-14	$5,172.48	-25
8250-174H	Lift CS casing over the OH/TF bundle	2	0%	24-Jun-14	25-Jun-14	09-Apr-14	$10,344.96	-25
8250-174I	Install PF1AU onto CS casing	1	0%	26-Jun-14	26-Jun-14	10-Apr-14	$5,172.48	-25
8250-174J	Install kapton/G10 flash shields	3	0%	27-Jun-14	01-Jul-14	15-Apr-14	$10,344.96	-25
Installation								
Install New Centerstack								
8250-129	Lift in new centerstack (2 times)	4	0%	02-Jul-14	08-Jul-14	09-Apr-14	$27,879.04	-25
8250-133	Check vacuum seals	5	0%	09-Jul-14	15-Jul-14	16-Apr-14	$26,455.20	-25
8250-174S	Install Upper/Lower TF flex bus support rings	6	0%	16-Jul-14	23-Jul-14	23-Apr-14	$20,689.92	-25
8250-174K	Install lower ceramic break assembly	2	0%	28-Jul-14	29-Jul-14	28-May-14	$6,896.64	-25
8250-174L	Install upper ceramic break assembly	2	0%	30-Jul-14	31-Jul-14	02-May-14	$6,896.64	-25
8250-174M	Install upper/lower organ pipes	3	0%	01-Aug-14	05-Aug-14	05-May-14	$3,448.32	-25
8250-174N	Install upper/lower CHI flags	2	0%	06-Aug-14	07-Aug-14	06-May-14	$3,448.32	-25
8250-174O	Install upper/lower edge tiles	4	0%	08-Aug-14	13-Aug-14	12-May-14	$13,793.28	-25
8250-137	Install new flex bus (3 times w/2 re-machinings)	13	0%	15-Aug-14	03-Sep-14	23-Jun-14	$190,883.52	-25
8250-141	Install new umbrella (3 times w/2 re-machinings)	5	0%	04-Sep-14	10-Sep-14	03-Jun-14	$41,818.56	-25
Close Vessel and Pumpdown								
8250-145	Clean, Photo, Close VV	9	0%	11-Sep-14	23-Sep-14	18-Jun-14	$79,264.80	-25
8250-149	Pumpdown	1	0%	24-Sep-14	24-Sep-14	19-Jun-14	$6,034.56	-25
8250-153	Leak check	11	0%	25-Sep-14	09-Oct-14	08-Jul-14	$72,414.72	-25
8250-165	Setup and perform CS bakeout	5	0%	10-Oct-14	16-Oct-14	13-Aug-14	$124,139.52	-25
No group								
8250-137H	Install inst. cables to CS organ pipes	2	0%	24-Jul-14	25-Jul-14		$0.00	-25
8250-137I	Install bus I/S umbrella etc. (placeholder)	1	0%	14-Aug-14	14-Aug-14		$0.00	-25
Job: 7900 - Integrated System Test-GENTILE								



Activity ID	Activity Name	Original Duration	Act % Comp	Start	Finish	BL Finish	Budgeted Total Cost	Total Float
Fabrication / Assembly								
Integrated System Testing (WBS 1.7 / Job 7900)								
7900-140	Perform ISTP	13	0%	17-Oct-14*	04-Nov-14	29-Sep-14	$14,651.20	-25