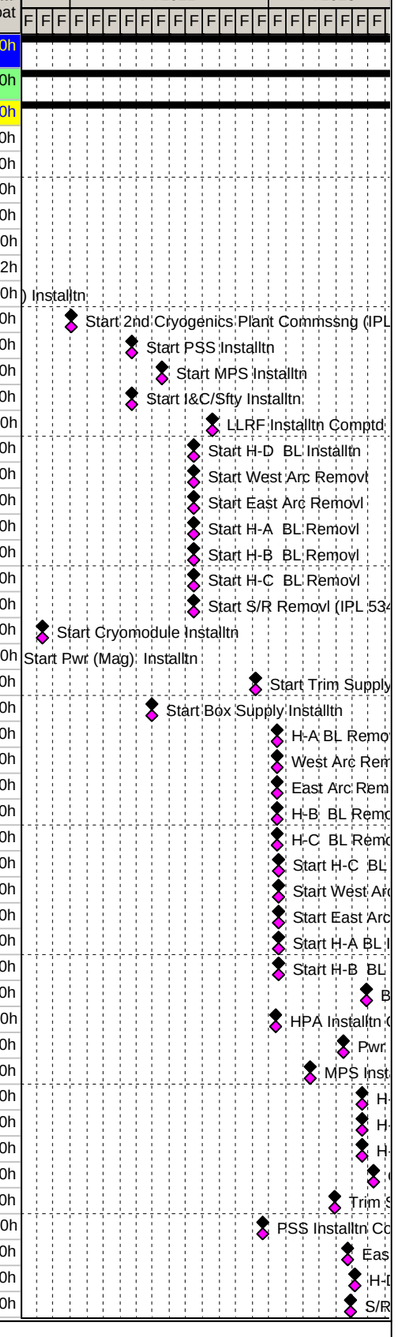
Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
COSTED BL12-025 12 GeV CR11-059,12-001A-D, 05, 02, 03,07-01...			02-Jan-09 08:00 AM	25-Oct-13 08:00 AM		9584.00h	9584.00h	16090.91h	$6,082,275.62	$15,620,744.39	$941,166.17	$22,644,186.18	144.00h
1.M MILESTONES			21-Apr-09 08:...	25-Oct-13 08...		8984.00h	8984.00h	0.00h	$0.00	$0.00	$0.00	$0.00	144.00h
1.03A LEVEL 3 ACCELERATOR MILESTONES			21-Apr-09 08:...	25-Oct-13 08...		8984.00h	8984.00h	0.00h	$0.00	$0.00	$0.00	$0.00	144.00h
32-01M		Award Initial Major Acc contract	21-Apr-09 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-296.00h
32-02M		Vendor Dsgn Review of 4K Coldbox		29-Jan-10 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
32-03M		Start Accel Component Assy	18-Mar-10 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	576.00h
32-05M		Start Accel Beam Commssng	25-Oct-13 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	144.00h
3A-01M		Start Linac Installtn	01-Oct-09 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	3448.00h
3A-02M		Start LLRF Installtn	01-Oct-10 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1288.02h
3A-03M		Start Pwr (rf) Installtn	04-Jan-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1504.00h
3A-04M		Start 2nd Cryogenics Plant Commssng (IPL 53311...	03-Oct-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	320.00h
3A-07M		Start PSS Installtn	23-Jan-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	48.00h
3A-08M		Start MPS Installtn	19-Mar-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	216.00h
3A-09M		Start I&C/Sfty Installtn	23-Jan-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	48.00h
3A-10M		LLRF Installtn Comptd		19-Jun-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1368.00h
3A-12M		Start H-D BL Installtn	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-13M		Start West Arc Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-14M		Start East Arc Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-16M		Start H-A BL Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-17M		Start H-B BL Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-18M		Start H-C BL Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-19M		Start S/R Removl (IPL 53417004M, 53417070M, 5...	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-20M		Start Cryomodule Installtn	12-Aug-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	664.00h
3A-21M		Start Pwr (Mag) Installtn	13-Jun-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2520.00h
3A-22M		Start Trim Supply Installtn	06-Sep-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	56.00h
3A-23M		Start Box Supply Installtn	29-Feb-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	480.00h
3A-28M		H-A BL Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-29M		West Arc Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-30M		East Arc Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-31M		H-B BL Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-32M		H-C BL Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-33M		Start H-C BL Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-34M		Start West Arc Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-36M		Start East Arc Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-37M		Start H-A BL Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-38M		Start H-B BL Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-39M		Box Supply Installtn Comptd		27-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	16.00h
3A-40M		HPA Installtn Comptd		12-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1056.00h
3A-41M		Pwr (rf) Installtn Comptd		14-Feb-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	416.00h
3A-42M		MPS Installtn Comptd		14-Dec-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	216.00h
3A-43M		H-A BL Installtn Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
3A-44M		H-B BL Installtn Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
3A-46M		H-C BL Installtn Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
3A-47M		Cryomodule Installtn Comptd		09-Apr-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	120.00h
3A-48M		Trim Supply Installtn Comptd		28-Jan-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	24.00h
3A-49M		PSS Installtn Comptd		19-Sep-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1368.00h
3A-52M		East arc Installtn Comptd (IPL 534211000M, 5342...		22-Feb-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	376.00h
3A-53M		H-D BL Installtn Comptd		06-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	488.00h
3A-54M		S/R Installtn Comptd (IPL 53411000M, 53411005...		26-Feb-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	360.00h

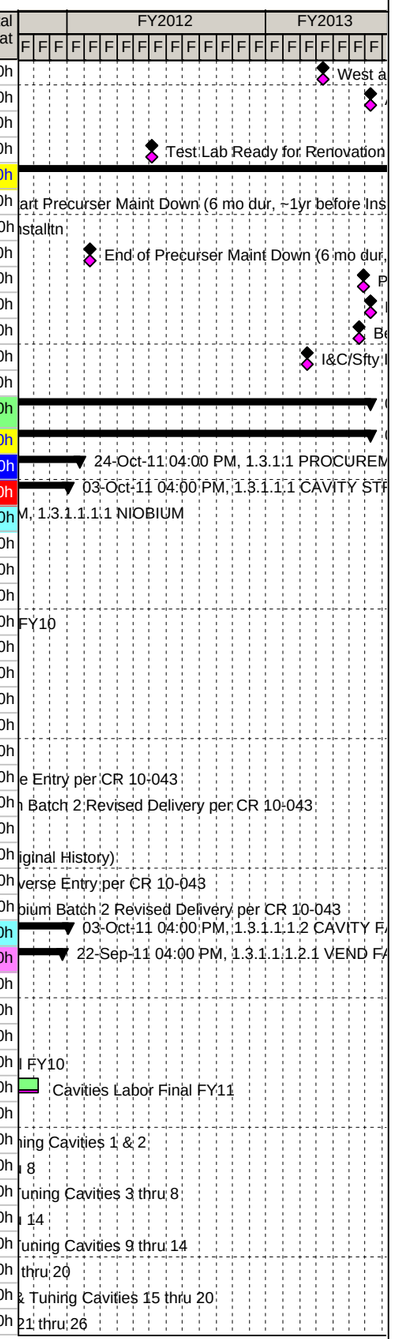


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: WBS.

(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
3A-56M		West arc Installtn Comptd (IPL 534212005M, 5342...		14-Jan-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	592.00h
3A-57M		Accel Installtn Comptd		09-Apr-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
3A-58M		End of Long Accel Constr Down		13-Sep-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
3A-59M		Test Lab Ready for Renovation		05-Mar-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1.04A LEVEL 4 ACCELERATOR MILESTONES			04-Jan-11 08:...	13-Sep-13 0...		5376.00h	5376.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
4A-01M		Start Precurser Maint Down (6 mo dur, ~1yr before...	13-May-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
4A-03M		Start HPA Installtn	04-Jan-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1344.00h
4A-04M		End of Precurser Maint Down (6 mo dur, ~1 yr bef...		11-Nov-11 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
4A-06M		Pwr (Mag) Installtn Comptd		27-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	368.00h
4A-07M		Linac Installtn Comptd		09-Apr-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
4A-08M		Beam Transport Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
4A-09M		I&C/Sfty Installtn Comptd		14-Dec-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	888.00h
4A-10M		Start Accel Hot Chkout	13-Sep-13 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1.3 CONSTRUCTION ACCELERATOR SYSTEMS			02-Jan-09 08:...	09-Apr-13 04...		8472.00h	8472.00h	16090.91h	$6,082,275.62	$15,620,744.39	$941,166.17	$22,644,186.18	120.00h
1.3.1 CRYOMODULES			02-Jan-09 08:...	09-Apr-13 04...		8472.00h	8472.00h	16090.91h	$6,082,275.62	$15,620,744.39	$941,166.17	$22,644,186.18	120.00h
1.3.1.1 PROCUREMENTS			02-Jan-09 08:...	24-Oct-11 04...		5608.00h	5608.00h	34752.04h	$1,904,888.89	$15,620,744.39	$351,329.01	$17,876,962.30	2440.00h
1.3.1.1.1 CAVITY STRING PROCUREMENTS			05-Jan-09 08:...	03-Oct-11 04...		5480.00h	5480.00h	18866.94h	$1,059,915.52	$7,959,656.56	$76,389.76	$9,095,961.84	624.00h
1.3.1.1.1.1 NIOBIUM			05-Jan-09 08:...	30-Sep-10 0...		3488.00h	3488.00h	2136.00h	$129,066.83	$2,536,017.00	$15,895.52	$2,680,979.35	2616.00h
131111010		Proc Niobium	05-Jan-09 08:...	05-Jan-09 04...	0%	8.00h	8.00h	56.00h	$2,778.16	$0.00	$0.00	$2,778.16	3800.00h
131111011		Niobium Labor and Expenses Initial	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	384.00h	$26,445.04	$0.00	$2,487.39	$28,932.43	3800.00h
131111011LOE		Niobium Labor and Expenses Final FY09	15-Jul-09 08:0...	30-Sep-09 0...	0%	440.00h	440.00h	34.08h	$2,313.31	$0.00	$514.22	$2,827.53	3800.00h
131111011LOEb		Niobium Labor and Expenses Final FY10	01-Oct-09 08:...	03-Mar-10 0...	0%	800.00h	800.00h	61.92h	$4,337.12	$0.00	$964.79	$5,301.91	3800.00h
131111012		Expenses Niobium Batch 1	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	0.00h	$0.00	$0.00	$2,294.62	$2,294.62	5288.00h
131111012A		Vend Fab - Order Niobium	15-Jul-09 08:0...	10-Aug-09 0...	0%	152.00h	152.00h	0.00h	$0.00	$355,042.38	$0.00	$355,042.38	4888.00h
131111012B		Vend Fab - Niobium Batch 1	15-Jul-09 08:0...	11-Nov-09 0...	0%	680.00h	680.00h	0.00h	$0.00	$634,004.25	$0.00	$634,004.25	4200.00h
131111013		Expenses Niobium Batch 2	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	0.00h	$0.00	$0.00	$2,294.62	$2,294.62	5288.00h
131111013A		Vend Fab - Niobium Batch 2	15-Jul-09 08:0...	11-Feb-10 0...	0%	1136.00h	1136.00h	0.00h	$0.00	$1,546,970.37	$0.00	$1,546,970.37	3824.00h
131111013B		Vend Fab - Niobium Batch 2 Reverse Entry per C...	01-Mar-10 08:...	01-Mar-10 0...	0%	8.00h	8.00h	0.00h	$0.00	($1,546,970.37)	$0.00	($1,546,970.37)	3808.00h
131111013C		Vend Fab - Niobium Batch 2 Revised Delivery per ...	01-Mar-10 08:...	30-Sep-10 0...	0%	1208.00h	1208.00h	0.00h	$0.00	$1,546,970.37	$0.00	$1,546,970.37	2616.00h
131111015		Receive & Insp Niobium Batch 1	12-Nov-09 08:...	11-Dec-09 0...	0%	160.00h	160.00h	840.00h	$55,477.20	$0.00	$4,537.99	$60,015.19	4200.00h
131111020		Receive & Insp Niobium Batch 2 (Original History)	12-Feb-10 08:...	26-Feb-10 0...	0%	80.00h	80.00h	380.00h	$18,858.00	$0.00	$1,400.95	$20,258.95	3824.00h
131111020A		Receive & Insp Niobium Batch 2 Reverse Entry pe...	02-Mar-10 08:...	02-Mar-10 0...	0%	8.00h	8.00h	-380.00h	($18,858.00)	$0.00	($1,400.95)	($20,258.95)	3808.00h
131111020B		Receive & Insp Niobium Batch 2 Revised Delivery ...	17-Sep-10 08:...	30-Sep-10 0...	0%	80.00h	80.00h	760.00h	$37,716.00	$0.00	$2,801.90	$40,517.90	2616.00h
1.3.1.1.1.2 CAVITY FABRICATION			05-Jan-09 08:...	03-Oct-11 04...		5480.00h	5480.00h	9053.93h	$518,070.35	$4,381,370.94	$23,291.80	$4,922,733.09	624.00h
1.3.1.1.1.2.1 VEND FAB CAVITIES			05-Jan-09 08:...	22-Sep-11 0...		5424.00h	5424.00h	1184.10h	$79,262.09	$4,381,370.94	$0.00	$4,460,633.03	680.00h
1311121010		Proc Cavity Fab	05-Jan-09 08:...	09-Jan-09 04...	0%	40.00h	40.00h	80.00h	$4,306.00	$0.00	$0.00	$4,306.00	936.00h
1311121015		Cavities Labor Initial	12-Jan-09 08:...	29-May-09 0...	0%	776.00h	776.00h	302.00h	$19,864.60	$0.00	$0.00	$19,864.60	936.00h
1311121015LOE		Cavities Labor Final FY09	15-Jul-09 08:0...	30-Sep-09 0...	0%	440.00h	440.00h	31.96h	$2,142.53	$0.00	$0.00	$2,142.53	936.00h
1311121015LO		Cavities Labor Final FY10	01-Oct-09 08:...	30-Sep-10 0...	0%	1984.00h	1984.00h	144.12h	$9,970.15	$0.00	$0.00	$9,970.15	936.00h
1311121015LO		Cavities Labor Final FY11	01-Oct-10 08:...	08-Aug-11 0...	0%	1680.00h	1680.00h	122.02h	$8,710.56	$0.00	$0.00	$8,710.56	936.00h
1311121016		Vend Fab Cavities 1 & 2	15-Jul-09 08:0...	30-Jun-10 04...	0%	1912.00h	1912.00h	0.00h	$0.00	$83,288.00	$0.00	$83,288.00	424.00h
1311121017		Vend Fab Chemistry & Tuning Cavities 1 & 2	04-Jan-10 08:...	30-Jun-10 04...	0%	1000.00h	1000.00h	0.00h	$0.00	$17,441.56	$0.00	$17,441.56	424.00h
1311121020		Vend Fab Cavities 3 thru 8	15-Jul-09 08:0...	30-Jul-10 04:...	0%	2080.00h	2080.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	320.00h
1311121021		Vend Fab Chemistry & Tuning Cavities 3 thru 8	04-Jan-10 08:...	30-Jul-10 04:...	0%	1168.00h	1168.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	320.00h
1311121025		Vend Fab Cavities 9 thru 14	15-Jul-09 08:0...	30-Jul-10 04:...	0%	2080.00h	2080.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	640.00h
1311121026		Vend Fab Chemistry & Tuning Cavities 9 thru 14	04-Jan-10 08:...	30-Jul-10 04:...	0%	1168.00h	1168.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	640.00h
1311121030		Vend Fab Cavities 15 thru 20	15-Jul-09 08:0...	31-Aug-10 0...	0%	2256.00h	2256.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	584.00h
1311121031		Vend Fab Chemistry & Tuning Cavities 15 thru 20	04-Jan-10 08:...	31-Aug-10 0...	0%	1344.00h	1344.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	584.00h
1311121035		Vend Fab Cavities 21 thru 26	15-Jul-09 08:0...	30-Sep-10 0...	0%	2424.00h	2424.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	688.00h

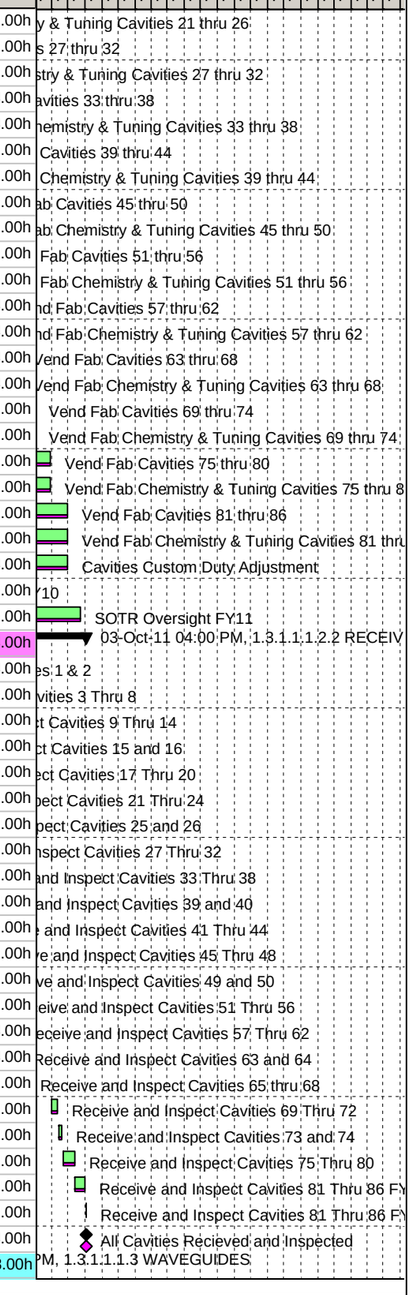


Primary Baseline | Actual Work | Remaining Work | Critical Remaining Work | Baseline Milestone | Milestone

TASK filter: WBS.

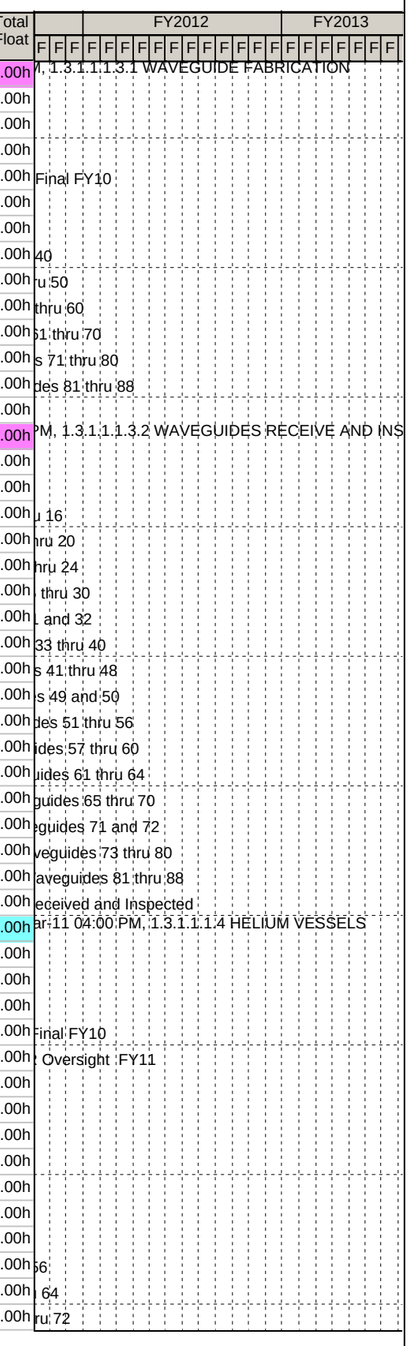
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1311121036		Vend Fab Chemistry & Tuning Cavities 21 thru 26	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	688.00h
1311121040		Vend Fab Cavities 27 thru 32	15-Jul-09 08:0...	29-Oct-10 04...	0%	2592.00h	2592.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	656.00h
1311121041		Vend Fab Chemistry & Tuning Cavities 27 thru 32	04-Jan-10 08:...	29-Oct-10 04...	0%	1680.00h	1680.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	656.00h
1311121045		Vend Fab Cavities 33 thru 38	15-Jul-09 08:0...	30-Dec-10 0...	0%	2888.00h	2888.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	624.00h
1311121046		Vend Fab Chemistry & Tuning Cavities 33 thru 38	04-Jan-10 08:...	30-Dec-10 0...	0%	1976.00h	1976.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	624.00h
1311121050		Vend Fab Cavities 39 thru 44	15-Jul-09 08:0...	31-Jan-11 04...	0%	3048.00h	3048.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	616.00h
1311121051		Vend Fab Chemistry & Tuning Cavities 39 thru 44	04-Jan-10 08:...	31-Jan-11 04...	0%	2136.00h	2136.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	616.00h
1311121055		Vend Fab Cavities 45 thru 50	15-Jul-09 08:0...	28-Feb-11 0...	0%	3200.00h	3200.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	456.00h
1311121056		Vend Fab Chemistry & Tuning Cavities 45 thru 50	04-Jan-10 08:...	28-Feb-11 0...	0%	2288.00h	2288.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	456.00h
1311121060		Vend Fab Cavities 51 thru 56	15-Jul-09 08:0...	31-Mar-11 0...	0%	3384.00h	3384.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	472.00h
1311121061		Vend Fab Chemistry & Tuning Cavities 51 thru 56	04-Jan-10 08:...	31-Mar-11 0...	0%	2472.00h	2472.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	472.00h
1311121065		Vend Fab Cavities 57 thru 62	15-Jul-09 08:0...	29-Apr-11 04...	0%	3552.00h	3552.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	464.00h
1311121066		Vend Fab Chemistry & Tuning Cavities 57 thru 62	04-Jan-10 08:...	29-Apr-11 04...	0%	2640.00h	2640.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	464.00h
1311121070		Vend Fab Cavities 63 thru 68	15-Jul-09 08:0...	31-May-11 0...	0%	3720.00h	3720.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	424.00h
1311121071		Vend Fab Chemistry & Tuning Cavities 63 thru 68	04-Jan-10 08:...	31-May-11 0...	0%	2808.00h	2808.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	424.00h
1311121075		Vend Fab Cavities 69 thru 74	15-Jul-09 08:0...	30-Jun-11 04...	0%	3896.00h	3896.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	568.00h
1311121076		Vend Fab Chemistry & Tuning Cavities 69 thru 74	04-Jan-10 08:...	30-Jun-11 04...	0%	2984.00h	2984.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	568.00h
1311121080		Vend Fab Cavities 75 thru 80	15-Jul-09 08:0...	29-Jul-11 04:...	0%	4056.00h	4056.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	536.00h
1311121081		Vend Fab Chemistry & Tuning Cavities 75 thru 80	04-Jan-10 08:...	29-Jul-11 04:...	0%	3144.00h	3144.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	536.00h
1311121085		Vend Fab Cavities 81 thru 86	15-Jul-09 08:0...	31-Aug-11 0...	0%	4240.00h	4240.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	472.00h
1311121086		Vend Fab Chemistry & Tuning Cavities 81 thru 86	04-Jan-10 08:...	31-Aug-11 0...	0%	3328.00h	3328.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	472.00h
1311121091		Cavities Custom Duty Adjustment	01-Jul-10 08:0...	31-Aug-11 0...	0%	2328.00h	2328.00h	0.00h	$0.00	$50,000.00	$0.00	$50,000.00	424.00h
1311121096LOE		SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	104.00h	$6,896.24	$0.00	$0.00	$6,896.24	680.00h
1311121101LOE		SOTR Oversight FY11	01-Oct-10 08:...	22-Sep-11 0...	0%	1936.00h	1936.00h	400.00h	$27,372.00	$0.00	$0.00	$27,372.00	680.00h
1.3.1.1.1.2.2 RECEIVE AND INSPECT CAVITIES			11-Jun-10 08:...	03-Oct-11 04...		2616.00h	2616.00h	7869.83h	$438,808.26	$0.00	$23,291.80	$462,100.06	624.00h
1311122005		Receive and Inspect Cavities 1 & 2	11-Jun-10 08:...	24-Jun-10 04...	0%	80.00h	80.00h	271.83h	$15,603.12	$0.00	$515.43	$16,118.56	424.00h
1311122010		Receive and Inspect Cavities 3 Thru 8	15-Jul-10 08:0...	04-Aug-10 0...	0%	120.00h	120.00h	738.00h	$41,137.08	$0.00	$1,546.29	$42,683.37	320.00h
1311122015		Receive and Inspect Cavities 9 Thru 14	10-Sep-10 08:...	30-Sep-10 0...	0%	120.00h	120.00h	618.00h	$34,712.28	$0.00	$1,546.29	$36,258.57	296.00h
1311122020		Receive and Inspect Cavities 15 and 16	01-Oct-10 08:...	07-Oct-10 04...	0%	40.00h	40.00h	206.00h	$11,939.68	$0.00	$531.87	$12,471.55	296.00h
1311122022		Receive and Inspect Cavities 17 Thru 20	08-Oct-10 08:...	21-Oct-10 04...	0%	80.00h	80.00h	412.00h	$23,462.96	$0.00	$1,063.74	$24,526.70	440.00h
1311122025		Receive and Inspect Cavities 21 Thru 24	22-Oct-10 08:...	04-Nov-10 0...	0%	80.00h	80.00h	392.00h	$21,272.76	$0.00	$1,063.74	$22,336.50	440.00h
1311122027		Receive and Inspect Cavities 25 and 26	05-Nov-10 08:...	11-Nov-10 0...	0%	40.00h	40.00h	179.00h	$10,148.63	$0.00	$531.87	$10,680.50	448.00h
1311122030		Receive and Inspect Cavities 27 Thru 32	12-Nov-10 08:...	06-Dec-10 0...	0%	120.00h	120.00h	537.00h	$30,445.89	$0.00	$1,595.62	$32,041.51	448.00h
1311122035		Receive and Inspect Cavities 33 Thru 38	18-Jan-11 08:...	07-Feb-11 0...	0%	120.00h	120.00h	522.00h	$29,745.69	$0.00	$1,595.62	$31,341.31	448.00h
1311122065		Receive and Inspect Cavities 39 and 40	08-Feb-11 08:...	14-Feb-11 0...	0%	40.00h	40.00h	174.00h	$9,915.23	$0.00	$531.87	$10,447.10	448.00h
1311122067		Receive and Inspect Cavities 41 Thru 44	15-Feb-11 08:...	01-Mar-11 0...	0%	80.00h	80.00h	348.00h	$19,830.46	$0.00	$1,063.74	$20,894.20	480.00h
1311122070		Receive and Inspect Cavities 45 Thru 48	07-Mar-11 08:...	18-Mar-11 0...	0%	80.00h	80.00h	348.00h	$19,830.46	$0.00	$1,063.74	$20,894.20	456.00h
1311122072		Receive and Inspect Cavities 49 and 50	21-Mar-11 08:...	25-Mar-11 0...	0%	40.00h	40.00h	174.00h	$9,915.23	$0.00	$531.87	$10,447.10	488.00h
1311122075		Receive and Inspect Cavities 51 Thru 56	30-Mar-11 08:...	19-Apr-11 04...	0%	120.00h	120.00h	522.00h	$29,745.69	$0.00	$1,595.62	$31,341.31	472.00h
1311122080		Receive and Inspect Cavities 57 Thru 62	27-Apr-11 08:...	17-May-11 0...	0%	120.00h	120.00h	492.00h	$26,460.39	$0.00	$1,595.62	$28,056.01	464.00h
1311122085		Receive and Inspect Cavities 63 and 64	25-May-11 08:...	01-Jun-11 04...	0%	40.00h	40.00h	164.00h	$8,820.13	$0.00	$531.87	$9,352.00	424.00h
1311122087		Receive and Inspect Cavities 65 thru 68	02-Jun-11 08:...	15-Jun-11 04...	0%	80.00h	80.00h	318.00h	$17,173.46	$0.00	$1,063.74	$18,237.20	456.00h
1311122090		Receive and Inspect Cavities 69 Thru 72	01-Aug-11 08:...	12-Aug-11 0...	0%	80.00h	80.00h	318.00h	$17,173.46	$0.00	$1,063.74	$18,237.20	368.00h
1311122092		Receive and Inspect Cavities 73 and 74	15-Aug-11 08:...	19-Aug-11 0...	0%	40.00h	40.00h	159.00h	$8,586.73	$0.00	$531.87	$9,118.60	368.00h
1311122095		Receive and Inspect Cavities 75 Thru 80	22-Aug-11 08:...	12-Sep-11 0...	0%	120.00h	120.00h	477.00h	$25,760.19	$0.00	$1,595.62	$27,355.81	368.00h
1311122100		Receive and Inspect Cavities 81 Thru 86 FY11	13-Sep-11 08:...	30-Sep-11 0...	0%	112.00h	112.00h	466.66h	$25,266.12	$0.00	$1,985.67	$27,251.79	368.00h
1311122100a		Receive and Inspect Cavities 81 Thru 86 FY12	03-Oct-11 08:...	03-Oct-11 04...	0%	8.00h	8.00h	33.34h	$1,862.62	$0.00	$146.35	$2,008.97	368.00h
1311122105M		All Cavities Recieved and Inspected		03-Oct-11 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	624.00h
1.3.1.1.1.3 WAVEGUIDES			05-Jan-09 08:...	22-Oct-10 04...		3616.00h	3616.00h	3812.00h	$205,258.93	$461,666.00	$26,862.84	$693,787.76	2488.00h



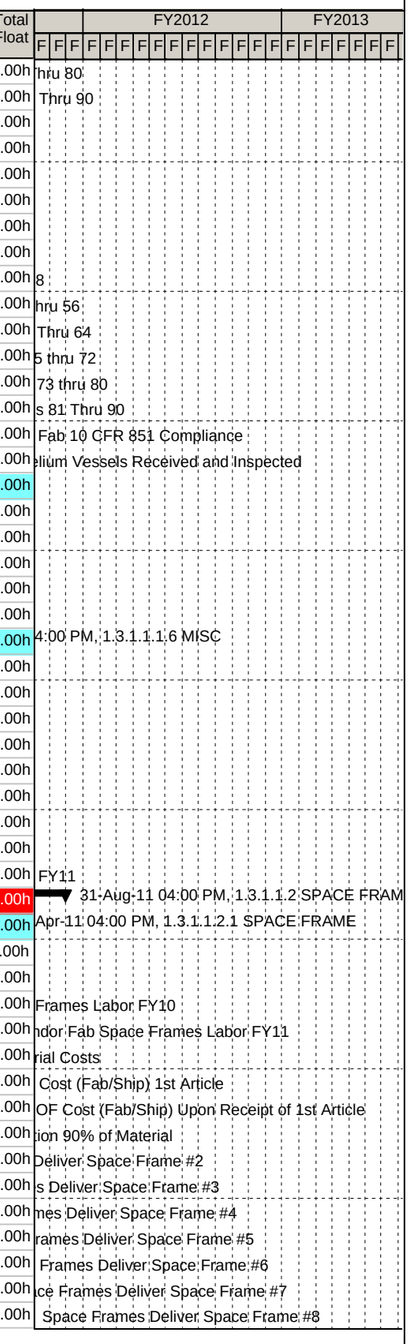
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1.3.1.1.1.3.1 WAVEGUIDE FABRICATION			05-Jan-09 08:...	01-Oct-10 04...		3496.00h	3496.00h	680.00h	$42,193.73	$461,666.00	$24,102.94	$527,962.67	2608.00h
1311131010		Proc Waveguides	05-Jan-09 08:...	05-Jan-09 04...	0%	8.00h	8.00h	120.00h	$6,059.60	$0.00	$0.00	$6,059.60	2488.00h
1311131015		Waveguides Labor Initial	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	280.00h	$17,855.60	$0.00	$17,855.60	$35,711.20	2616.00h
1311131015LOE		Waveguides Labor Final FY09	01-Jun-09 08:...	30-Sep-09 0...	0%	688.00h	688.00h	72.10h	$4,597.82	$0.00	$1,571.38	$6,169.20	2616.00h
1311131015LO		Waveguides Labor Final FY10	01-Oct-09 08:...	30-Sep-10 0...	0%	1984.00h	1984.00h	207.90h	$13,680.71	$0.00	$4,675.96	$18,356.67	2616.00h
1311131020		Vend Fab Waveguides 1 thru 10	01-Jun-09 08:...	15-Dec-09 0...	0%	1104.00h	1104.00h	0.00h	$0.00	$55,500.00	$0.00	$55,500.00	1872.00h
1311131025		Vend Fab Waveguides 11 thru 30	01-Jun-09 08:...	22-Feb-10 0...	0%	1432.00h	1432.00h	0.00h	$0.00	$111,000.00	$0.00	$111,000.00	1704.00h
1311131030		Vend Fab Waveguides 31 thru 40	01-Jun-09 08:...	03-May-10 0...	0%	1832.00h	1832.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2440.00h
1311131035		Vend Fab Waveguides 41 thru 50	01-Jun-09 08:...	01-Jun-10 04...	0%	1992.00h	1992.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2528.00h
1311131040		Vend Fab Waveguides 51 thru 60	01-Jun-09 08:...	01-Jul-10 04:...	0%	2168.00h	2168.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2512.00h
1311131045		Vend Fab Waveguides 61 thru 70	01-Jun-09 08:...	02-Aug-10 0...	0%	2336.00h	2336.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2508.00h
1311131050		Vend Fab Waveguides 71 thru 80	01-Jun-09 08:...	01-Sep-10 0...	0%	2512.00h	2512.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2496.00h
1311131055		Vend Fab Waveguides 81 thru 88	01-Jun-09 08:...	01-Oct-10 04...	0%	2680.00h	2680.00h	0.00h	$0.00	$33,816.00	$0.00	$33,816.00	2488.00h
1311131060		Exchange Rate	30-Jun-10 08:...	01-Oct-10 04...	0%	528.00h	528.00h	0.00h	$0.00	$50,000.00	$0.00	$50,000.00	2488.00h
1.3.1.1.1.3.2 WAVEGUIDES RECEIVE AND INSPECT			16-Dec-09 08:...	22-Oct-10 04...		1696.00h	1696.00h	3132.00h	$163,065.20	$0.00	$2,759.89	$165,825.09	2488.00h
1311132010		Receive & Insp Waveguides 1 thru 8	16-Dec-09 08:...	13-Jan-10 04...	0%	120.00h	120.00h	512.00h	$30,352.00	$0.00	$249.98	$30,601.98	1872.00h
1311132015		Receive & Insp Waveguides 9 & 10	14-Jan-10 08:...	21-Jan-10 04...	0%	40.00h	40.00h	128.00h	$7,588.00	$0.00	$63.18	$7,651.18	1872.00h
1311132020		Receive & Insp Waveguides 11 thru 16	23-Feb-10 08:...	15-Mar-10 0...	0%	120.00h	120.00h	312.00h	$19,002.00	$0.00	$187.34	$19,189.34	1704.00h
1311132025		Receive & Insp Waveguides 17 Thru 20	16-Mar-10 08:...	29-Mar-10 0...	0%	80.00h	80.00h	208.00h	$12,668.00	$0.00	$124.98	$12,792.98	2352.00h
1311132030		Receive & Insp Waveguides 21 thru 24	30-Mar-10 08:...	12-Apr-10 04...	0%	80.00h	80.00h	174.40h	$9,173.57	$0.00	$124.98	$9,298.55	2352.00h
1311132035		Receive & Insp Waveguides 25 thru 30	13-Apr-10 08:...	03-May-10 0...	0%	120.00h	120.00h	261.60h	$13,760.35	$0.00	$187.34	$13,947.69	2440.00h
1311132040		Receive & Insp Waveguides 31 and 32	04-May-10 08:...	10-May-10 0...	0%	40.00h	40.00h	59.20h	$2,865.65	$0.00	$63.18	$2,928.83	2440.00h
1311132045		Receive & Insp Waveguides 33 thru 40	11-May-10 08:...	01-Jun-10 04...	0%	120.00h	120.00h	236.80h	$11,462.59	$0.00	$249.98	$11,712.57	2440.00h
1311132050		Receive & Insp Waveguides 41 thru 48	02-Jun-10 08:...	22-Jun-10 04...	0%	120.00h	120.00h	198.40h	$8,933.95	$0.00	$249.98	$9,183.93	2528.00h
1311132055		Receive & Insp Waveguides 49 and 50	23-Jun-10 08:...	29-Jun-10 04...	0%	40.00h	40.00h	49.60h	$2,233.49	$0.00	$63.18	$2,296.67	2528.00h
1311132060		Receive & Insp Waveguides 51 thru 56	02-Jul-10 08:0...	21-Jul-10 04:...	0%	104.00h	104.00h	148.80h	$6,700.46	$0.00	$187.34	$6,887.81	2512.00h
1311132065		Receive & Insp Waveguides 57 thru 60	22-Jul-10 08:0...	02-Aug-10 1...	0%	60.00h	60.00h	99.20h	$4,466.98	$0.00	$124.98	$4,591.96	2512.00h
1311132070		Receive & Insp Waveguides 61 thru 64	03-Aug-10 08:...	12-Aug-10 0...	0%	64.00h	64.00h	99.20h	$4,466.98	$0.00	$124.98	$4,591.96	2508.00h
1311132075		Receive & Insp Waveguides 65 thru 70	13-Aug-10 08:...	31-Aug-10 1...	0%	100.00h	100.00h	148.80h	$6,700.46	$0.00	$187.34	$6,887.81	2508.00h
1311132080		Receive & Insp Waveguides 71 and 72	02-Sep-10 08:...	09-Sep-10 0...	0%	40.00h	40.00h	49.60h	$2,233.49	$0.00	$63.18	$2,296.67	2496.00h
1311132085		Receive & Insp Waveguides 73 thru 80	10-Sep-10 08:...	30-Sep-10 0...	0%	120.00h	120.00h	198.40h	$8,933.95	$0.00	$249.98	$9,183.93	2496.00h
1311132090		Receive & Insp Waveguides 81 thru 88	04-Oct-10 08:...	22-Oct-10 04...	0%	120.00h	120.00h	248.00h	$11,523.28	$0.00	$257.95	$11,781.23	2488.00h
1311132100M		All Waveguides Received and Inspected		22-Oct-10 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2488.00h
1.3.1.1.1.4 HELIUM VESSELS			02-Mar-09 08:...	31-Mar-11 0...		4144.00h	4144.00h	1266.61h	$66,067.42	$495,417.21	$9,269.46	$570,754.09	1400.00h
131114010		Proc Helium Vessels	02-Mar-09 08:...	29-May-09 0...	0%	512.00h	512.00h	60.00h	$3,029.80	$0.00	$0.00	$3,029.80	1400.00h
131114015		Helium Vessels Labor Initial	29-May-09 08:...	01-Jun-09 04...	0%	16.00h	16.00h	0.00h	$0.00	$0.00	$39.07	$39.07	1712.00h
131114015LOE		Helium Vessels Labor Final FY09	02-Jun-09 08:...	30-Sep-09 0...	0%	680.00h	680.00h	68.46h	$4,358.05	$0.00	$1,203.75	$5,561.80	1712.00h
131114015LOEb		Helium Vessels Labor Final FY10	01-Oct-09 08:...	11-Aug-10 0...	0%	1704.00h	1704.00h	171.54h	$11,268.75	$0.00	$3,112.69	$14,381.43	1712.00h
131114015LOEc		SOTR Oversight FY11	01-Oct-10 08:...	25-Mar-11 0...	0%	928.00h	928.00h	100.00h	$6,795.00	$0.00	$0.00	$6,795.00	1432.00h
131114016		Vend Fab - Helium Vessels 1 & 2	01-Jun-09 08:...	10-Aug-09 0...	0%	400.00h	400.00h	0.00h	$0.00	$4,898.16	$0.00	$4,898.16	2288.00h
131114017		Vend Fab - Helium Vessels 3 Thru 8	01-Jun-09 08:...	31-Aug-09 0...	0%	520.00h	520.00h	0.00h	$0.00	$14,694.48	$0.00	$14,694.48	2248.00h
131114020		Vend Fab - Helium Vessels 9 Thru 16	01-Jun-09 08:...	22-Sep-09 0...	0%	640.00h	640.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2328.00h
131114025		Vend Fab - Helium Vessels 17 Thru 24	01-Jun-09 08:...	13-Oct-09 04...	0%	760.00h	760.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2512.00h
131114030		Vend Fab - Helium Vessels 25 Thru 32	01-Jun-09 08:...	03-Nov-09 0...	0%	880.00h	880.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2696.00h
131114035		Vend Fab - Helium Vessels 33 Thru 40	01-Jun-09 08:...	24-Nov-09 0...	0%	1000.00h	1000.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2784.00h
131114040		Vend Fab - Helium Vessels 41 Thru 48	01-Jun-09 08:...	17-Dec-09 0...	0%	1120.00h	1120.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2856.00h
131114045		Vend Fab - Helium Vessels 49 Thru 56	01-Jun-09 08:...	16-Feb-10 0...	0%	1400.00h	1400.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2768.00h
131114050		Vend Fab - Helium Vessels 57 Thru 64	01-Jun-09 08:...	09-Mar-10 0...	0%	1520.00h	1520.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2840.00h
131114055		Vend Fab - Helium Vessels 65 Thru 72	01-Jun-09 08:...	30-Mar-10 0...	0%	1640.00h	1640.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3160.00h



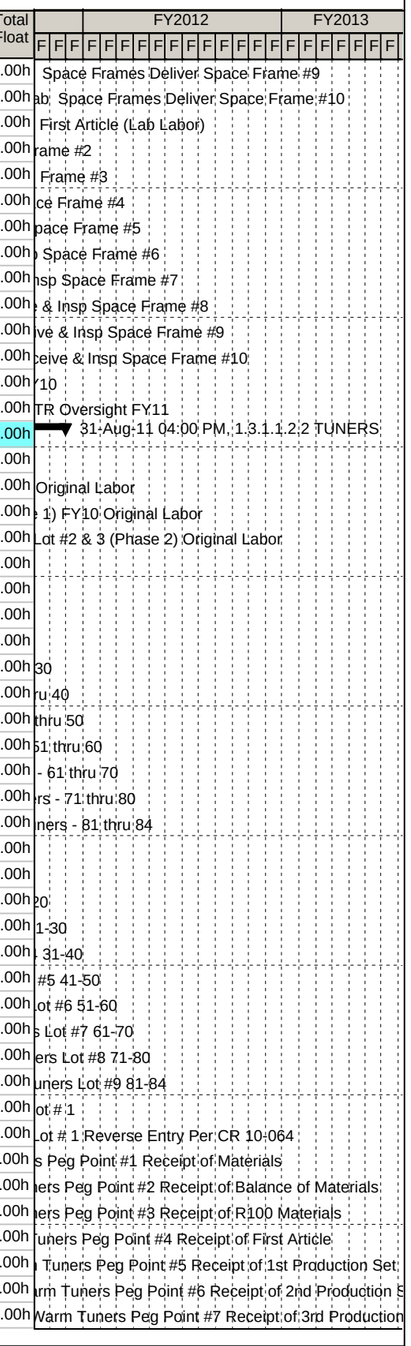
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131114060		Vend Fab - Helium Vessels 73 Thru 80	01-Jun-09 08:...	20-Apr-10 04...	0%	1760.00h	1760.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3192.00h
131114065		Vend Fab - Helium Vessels 81 Thru 90	01-Jun-09 08:...	11-May-10 0...	0%	1880.00h	1880.00h	0.00h	$0.00	$24,490.81	$0.00	$24,490.81	3112.00h
131114070		Receive & Insp Helium Vessels 1 & 2	11-Aug-09 08:...	24-Aug-09 0...	0%	80.00h	80.00h	28.00h	$1,346.60	$0.00	$212.92	$1,559.52	2288.00h
131114075		Receive & Insp Helium Vessels 3 Thru 8	01-Sep-09 08:...	08-Sep-09 0...	0%	40.00h	40.00h	84.00h	$4,039.80	$0.00	$319.45	$4,359.25	2248.00h
131114080		Receive & Insp Helium Vessels 9 Thru 16	23-Sep-09 08:...	29-Sep-09 0...	0%	40.00h	40.00h	97.60h	$4,755.10	$0.00	$425.93	$5,181.03	2328.00h
131114085		Receive & Insp Helium Vessels 17 thru 24	14-Oct-09 08:...	20-Oct-09 04...	0%	40.00h	40.00h	81.60h	$3,952.27	$0.00	$439.52	$4,391.79	2512.00h
131114090		Receive & Insp Helium Vessels 25 Thru 32	04-Nov-09 08:...	10-Nov-09 0...	0%	40.00h	40.00h	82.61h	$4,018.78	$0.00	$439.52	$4,458.30	2696.00h
131114095		Receive & Insp Helium Vessels 33 Thru 40	25-Nov-09 08:...	03-Dec-09 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	2784.00h
131114100		Receive & Insp Helium Vessels 41 thru 48	18-Dec-09 08:...	31-Dec-09 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	2856.00h
131114105		Receive & Insp Helium Vessels 49 Thru 56	17-Feb-10 08:...	23-Feb-10 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	2768.00h
131114110		Receive & Insp Helium Vessels 57 Thru 64	10-Mar-10 08:...	16-Mar-10 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	2840.00h
131114115		Receive & Insp Helium Vessels 65 thru 72	31-Mar-10 08:...	06-Apr-10 04...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3160.00h
131114120		Receive & Insp Helium Vessels 73 thru 80	21-Apr-10 08:...	27-Apr-10 04...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3192.00h
131114125		Receive & Insp Helium Vessels 81 Thru 90	12-May-10 08:...	18-May-10 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3112.00h
131114130		Vend Fab 10 CFR 851 Compliance	01-Jul-10 08:0...	31-Mar-11 0...	0%	1472.00h	1472.00h	0.00h	$0.00	$275,000.00	$0.00	$275,000.00	1400.00h
131114130M		All Helium Vessels Received and Inspected		31-Mar-11 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1400.00h
1.3.1.1.1.5 HARDWARE			02-Mar-09 08:...	02-Sep-09 0...		1048.00h	1048.00h	360.00h	$17,772.00	$37,268.62	$0.00	$55,040.62	3896.00h
131115010		Proc Hardware	02-Mar-09 08:...	01-May-09 0...	0%	360.00h	360.00h	80.00h	$4,306.00	$0.00	$0.00	$4,306.00	2848.00h
131115012		Vend Fab - Hardware (Phase 1)	01-May-09 08:...	12-Jun-09 04...	0%	240.00h	240.00h	60.00h	$2,962.00	$18,634.31	$0.00	$21,596.31	2848.00h
131115013		Vend Fab - Hardware (Phase 2)	15-Jun-09 08:...	28-Jul-09 04:...	0%	248.00h	248.00h	60.00h	$2,962.00	$18,634.31	$0.00	$21,596.31	3896.00h
131115015		Receive & Insp Hardware (Phase 1)	29-Jun-09 08:...	21-Jul-09 04:...	0%	128.00h	128.00h	80.00h	$3,771.00	$0.00	$0.00	$3,771.00	2848.00h
131115016		Receive & Insp Hardware (Phase 2)	12-Aug-09 08:...	02-Sep-09 0...	0%	128.00h	128.00h	80.00h	$3,771.00	$0.00	$0.00	$3,771.00	3896.00h
1.3.1.1.1.6 MISC			16-Mar-09 08:...	30-Dec-10 0...		3568.00h	3568.00h	2238.40h	$123,679.99	$47,916.80	$1,070.15	$172,666.94	1296.00h
131116010		Proc Misc	16-Mar-09 08:...	01-Jun-09 04...	0%	440.00h	440.00h	96.00h	$4,392.56	$0.00	$0.00	$4,392.56	2592.00h
131116012		Vend Fab - Misc (Phase 1)	01-Jun-09 08:...	11-Aug-09 0...	0%	408.00h	408.00h	60.00h	$2,962.00	$23,958.40	$532.41	$27,452.81	2592.00h
131116013		Vend Fab - Misc (Phase 2) Labor FY09	12-Aug-09 08:...	30-Sep-09 0...	0%	280.00h	280.00h	41.19h	$2,033.41	$0.00	$365.38	$2,398.79	3480.00h
131116013b		Vend Fab - Misc (Phase 2) Labor FY10	01-Oct-09 08:...	22-Oct-09 04...	0%	128.00h	128.00h	18.81h	$958.24	$0.00	$172.36	$1,130.60	3480.00h
131116013c		Vend Fab - Misc (Phase 2) Procurement	12-Aug-09 08:...	22-Oct-09 04...	0%	408.00h	408.00h	0.00h	$0.00	$23,958.40	$0.00	$23,958.40	3480.00h
131116015		Receive & Insp Misc (Phase 1)	12-Aug-09 08:...	03-Sep-09 0...	0%	136.00h	136.00h	80.00h	$3,771.00	$0.00	$0.00	$3,771.00	2592.00h
131116016		Receive & Insp Misc (Phase 2)	23-Oct-09 08:...	16-Nov-09 0...	0%	136.00h	136.00h	80.00h	$3,891.40	$0.00	$0.00	$3,891.40	3480.00h
131116020		QC Traveler FY10	01-Apr-10 08:...	30-Sep-10 0...	0%	1024.00h	1024.00h	942.40h	$53,632.58	$0.00	$0.00	$53,632.58	1008.00h
131116025		QC Traveler FY11	01-Oct-10 08:...	30-Dec-10 0...	0%	464.00h	464.00h	920.00h	$52,038.80	$0.00	$0.00	$52,038.80	1008.00h
1.3.1.1.2 SPACE FRAME PROCUREMENTS			02-Feb-09 08:...	31-Aug-11 0...		5152.00h	5152.00h	2660.00h	$147,240.32	$1,342,627.40	$68,210.82	$1,558,078.54	2736.00h
1.3.1.1.2.1 SPACE FRAME			02-Feb-09 08:...	29-Apr-11 04...		4464.00h	4464.00h	884.00h	$52,163.11	$375,579.00	$34,376.48	$462,118.59	3104.00h
131121010		Proc Space Frames	02-Feb-09 08:...	03-Aug-09 0...	0%	1024.00h	1024.00h	48.00h	$2,423.84	$0.00	$0.00	$2,423.84	152.00h
131121010ALOE		Vendor Fab Space Frames Labor FY09	27-Aug-09 08:...	30-Sep-09 0...	0%	192.00h	192.00h	15.00h	$954.88	$0.00	$1,647.80	$2,602.68	3104.00h
131121010BLOE		Vendor Fab Space Frames Labor FY10	01-Oct-09 08:...	30-Sep-10 0...	0%	1984.00h	1984.00h	159.10h	$10,451.56	$0.00	$18,228.84	$28,680.40	3104.00h
131121010CLOE		Vendor Fab Space Frames Labor FY11	01-Oct-10 08:...	29-Apr-11 04...	0%	1128.00h	1128.00h	65.90h	$4,467.13	$0.00	$7,780.95	$12,248.08	3104.00h
131121011		Vend Fab Space Frames 10% of Material Costs	27-Aug-09 08:...	29-Jan-10 04...	0%	816.00h	816.00h	0.00h	$0.00	$18,642.90	$0.00	$18,642.90	2112.00h
131121015		Vend Fab Space Frames 50% OF Cost (Fab/Ship)...	27-Aug-09 08:...	29-Mar-10 0...	0%	1136.00h	1136.00h	0.00h	$0.00	$22,260.00	$0.00	$22,260.00	1792.00h
131121016		Vend Fab Space Frames 50% OF Cost (Fab/Ship...	27-Aug-09 08:...	30-Apr-10 04...	0%	1328.00h	1328.00h	0.00h	$0.00	$22,260.00	$0.00	$22,260.00	1600.00h
131121016A		Vend Fab Space Frames Production 90% of Mate...	27-Aug-09 08:...	31-Mar-10 0...	0%	1152.00h	1152.00h	0.00h	$0.00	$167,786.10	$0.00	$167,786.10	2344.00h
131121016B		Vend Fab Space Frames Deliver Space Frame #2	27-Aug-09 08:...	30-Jun-10 04...	0%	1664.00h	1664.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	1564.00h
131121016C		Vend Fab Space Frames Deliver Space Frame #3	27-Aug-09 08:...	30-Jul-10 04:...	0%	1832.00h	1832.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	1664.00h
131121016D		Vend Fab Space Frames Deliver Space Frame #4	27-Aug-09 08:...	31-Aug-10 0...	0%	2008.00h	2008.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	1936.00h
131121016F		Vend Fab Space Frames Deliver Space Frame #5	27-Aug-09 08:...	30-Sep-10 0...	0%	2176.00h	2176.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2208.00h
131121016G		Vend Fab Space Frames Deliver Space Frame #6	27-Aug-09 08:...	29-Oct-10 04...	0%	2344.00h	2344.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2200.00h
131121016H		Vend Fab Space Frames Deliver Space Frame #7	27-Aug-09 08:...	30-Nov-10 0...	0%	2504.00h	2504.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3040.00h
131121016J		Vend Fab Space Frames Deliver Space Frame #8	27-Aug-09 08:...	31-Jan-11 04...	0%	2800.00h	2800.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2968.00h



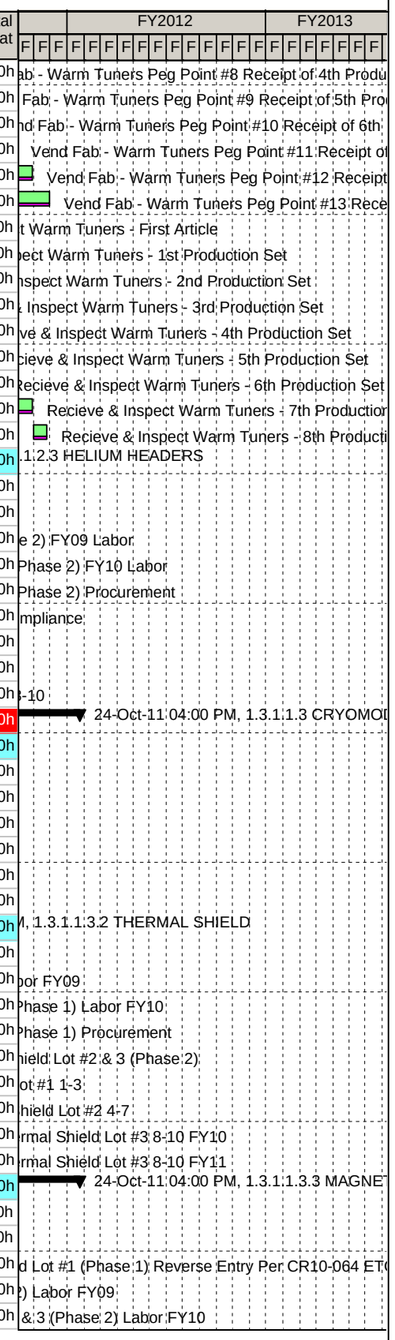
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131121016K		Vend Fab Space Frames Deliver Space Frame #9	27-Aug-09 08:...	31-Jan-11 04...	0%	2800.00h	2800.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3288.00h
131121016L		Vend Fab Space Frames Deliver Space Frame #10	27-Aug-09 08:...	28-Feb-11 0...	0%	2952.00h	2952.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3296.00h
131121020		Receive & Insp Space Frame First Article (Lab Lab...	03-May-10 08:...	28-May-10 0...	0%	160.00h	160.00h	62.40h	$3,208.88	$0.00	$659.27	$3,868.15	1600.00h
131121021		Receive & Insp Space Frame #2	01-Jul-10 08:0...	29-Jul-10 04:...	0%	160.00h	160.00h	49.92h	$2,567.11	$0.00	$659.27	$3,226.38	1564.00h
131121022		Receive & Insp Space Frame #3	02-Aug-10 08:...	27-Aug-10 0...	0%	160.00h	160.00h	41.60h	$2,139.26	$0.00	$659.27	$2,798.53	1664.00h
131121025		Receive & Insp Space Frame #4	01-Sep-10 08:...	29-Sep-10 0...	0%	160.00h	160.00h	37.44h	$1,925.33	$0.00	$659.27	$2,584.60	1936.00h
131121026		Receive & Insp Space Frame #5	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	2208.00h
131121027		Receive & Insp Space Frame #6	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	2200.00h
131121028		Receive & Insp Space Frame #7	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3040.00h
131121029		Receive & Insp Space Frame #8	01-Feb-11 08:...	01-Mar-11 0...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	2968.00h
131121030		Receive & Insp Space Frame #9	02-Mar-11 08:...	29-Mar-11 0...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3128.00h
131121035		Receive & Insp Space Frame #10	30-Mar-11 08:...	26-Apr-11 04...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3128.00h
131121040LOE		SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	60.00h	$3,951.00	$0.00	$0.00	$3,951.00	3128.00h
131121045LOE		SOTR Oversight FY11	01-Oct-10 08:...	26-Apr-11 04...	0%	1104.00h	1104.00h	120.00h	$8,154.00	$0.00	$0.00	$8,154.00	3128.00h
1.3.1.1.2.2 TUNERS			01-May-09 08:...	31-Aug-11 0...		4648.00h	4648.00h	1468.00h	$77,329.89	$688,159.34	$21,401.06	$786,890.28	2736.00h
131122010		Proc Tuners	01-May-09 08:...	01-Sep-09 0...	0%	688.00h	688.00h	48.00h	$2,423.84	$0.00	$0.00	$2,423.84	2112.00h
131122015		Vend Fab - Cold Tuners Lot #1 (Phase 1) FY09 Or...	01-Sep-09 08:...	30-Sep-09 0...	0%	168.00h	168.00h	13.44h	$921.65	$0.00	$1,341.67	$2,263.32	2544.00h
131122015A		Vend Fab - Cold Tuners Lot #1 (Phase 1) FY10 Or...	01-Oct-09 08:...	01-Feb-10 0...	0%	632.00h	632.00h	50.56h	$3,577.88	$0.00	$5,208.25	$8,786.13	2544.00h
131122016		Vend Fab - Cold Tuners Lot #2 & 3 (Phase 2) Origi...	02-Feb-10 08:...	22-Jul-10 04:...	0%	960.00h	960.00h	96.00h	$6,793.44	$0.00	$9,889.07	$16,682.51	2880.00h
131122016A		Vend Fab - Cold Tuners - Materials	09-Sep-09 08:...	30-Sep-09 0...	0%	128.00h	128.00h	0.00h	$0.00	$140,707.20	$0.00	$140,707.20	2112.00h
131122016B		Vend Fab - Cold Tuners - First Article	09-Sep-09 08:...	30-Oct-09 04...	0%	304.00h	304.00h	0.00h	$0.00	$11,556.60	$0.00	$11,556.60	2112.00h
131122016C		Vend Fab - Cold Tuners - 2 thru 10	09-Sep-09 08:...	29-Jan-10 04...	0%	752.00h	752.00h	0.00h	$0.00	$17,865.09	$0.00	$17,865.09	2112.00h
131122016D		Vend Fab - Cold Tuners - 11 thru 20	09-Sep-09 08:...	26-Feb-10 0...	0%	904.00h	904.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2240.00h
131122016F		Vend Fab - Cold Tuners - 21 thru 30	09-Sep-09 08:...	31-Mar-10 0...	0%	1088.00h	1088.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2344.00h
131122016G		Vend Fab - Cold Tuners - 31 thru 40	09-Sep-09 08:...	30-Apr-10 04...	0%	1264.00h	1264.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2536.00h
131122016H		Vend Fab - Cold Tuners - 41 thru 50	09-Sep-09 08:...	28-May-10 0...	0%	1424.00h	1424.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2816.00h
131122016J		Vend Fab - Cold Tuners - 51 thru 60	09-Sep-09 08:...	30-Jun-10 04...	0%	1600.00h	1600.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2840.00h
131122016K		Vend Fab - Cold Tuners - 61 thru 70	09-Sep-09 08:...	30-Jul-10 04:...	0%	1768.00h	1768.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	3712.00h
131122016L		Vend Fab - Cold Tuners - 71 thru 80	09-Sep-09 08:...	31-Aug-10 0...	0%	1944.00h	1944.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	3920.00h
131122016N		Vend Fab - Cold Tuners - 81 thru 84	09-Sep-09 08:...	30-Sep-10 0...	0%	2112.00h	2112.00h	0.00h	$0.00	$7,940.04	$0.00	$7,940.04	3928.00h
131122017		Receive & Insp First Article Tuner	02-Nov-09 08:...	13-Nov-09 0...	0%	80.00h	80.00h	24.00h	$1,222.64	$0.00	$109.88	$1,332.52	2600.00h
131122020		Receive & Insp Tuners Lot #1 2-10	01-Feb-10 08:...	22-Feb-10 0...	0%	120.00h	120.00h	96.00h	$4,890.56	$0.00	$439.52	$5,330.08	2112.00h
131122025		Receive & Insp Tuners Lot #2 11-20	01-Mar-10 08:...	26-Mar-10 0...	0%	160.00h	160.00h	88.00h	$4,665.52	$0.00	$549.39	$5,214.91	2240.00h
131122030		Receive & Insp Tuners Lot #3 21-30	01-Apr-10 08:...	28-Apr-10 04...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2344.00h
131122035		Receive & Insp Tuners Lot #4 31-40	03-May-10 08:...	28-May-10 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2536.00h
131122040		Receive & Insp Tuners Lot #5 41-50	01-Jun-10 08:...	28-Jun-10 04...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2816.00h
131122045		Receive & Insp Tuners Lot #6 51-60	01-Jul-10 08:0...	29-Jul-10 04:...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2840.00h
131122050		Receive & Insp Tuners Lot #7 61-70	02-Aug-10 08:...	27-Aug-10 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	3712.00h
131122055		Receive & Insp Tuners Lot #8 71-80	01-Sep-10 08:...	29-Sep-10 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	3920.00h
131122060		Receive & Insp Tuners Lot #9 81-84	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	60.00h	$2,911.64	$0.00	$566.92	$3,478.56	3928.00h
131122065		Vend Fab - Warm Tuners Lot # 1	01-Oct-09 08:...	24-Jun-10 04...	0%	1440.00h	1440.00h	0.00h	$0.00	$140,222.77	$0.00	$140,222.77	1264.00h
131122065A		Vend Fab - Warm Tuners Lot # 1 Reverse Entry P...	01-Jul-10 08:0...	01-Jul-10 04:...	0%	8.00h	8.00h	0.00h	$0.00	($140,222.77)	$0.00	($140,222.77)	1736.00h
131122065B		Vend Fab - Warm Tuners Peg Point #1 Receipt of ...	25-May-10 08:...	30-Jul-10 04:...	0%	376.00h	376.00h	0.00h	$0.00	$100,000.00	$0.00	$100,000.00	744.00h
131122065C		Vend Fab - Warm Tuners Peg Point #2 Receipt of ...	25-May-10 08:...	31-Aug-10 0...	0%	552.00h	552.00h	0.00h	$0.00	$100,172.50	$0.00	$100,172.50	744.00h
131122065D		Vend Fab - Warm Tuners Peg Point #3 Receipt of ...	25-May-10 08:...	31-Aug-10 0...	0%	552.00h	552.00h	0.00h	$0.00	$0.00	$0.00	$0.00	744.00h
131122065F		Vend Fab - Warm Tuners Peg Point #4 Receipt of ...	25-May-10 08:...	30-Sep-10 0...	0%	720.00h	720.00h	0.00h	$0.00	$4,446.51	$0.00	$4,446.51	744.00h
131122065G		Vend Fab - Warm Tuners Peg Point #5 Receipt of ...	25-May-10 08:...	29-Oct-10 04...	0%	888.00h	888.00h	0.00h	$0.00	$20,815.00	$0.00	$20,815.00	744.00h
131122065H		Vend Fab - Warm Tuners Peg Point #6 Receipt of ...	25-May-10 08:...	30-Nov-10 0...	0%	1048.00h	1048.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	904.00h
131122065J		Vend Fab - Warm Tuners Peg Point #7 Receipt of ...	25-May-10 08:...	30-Dec-10 0...	0%	1184.00h	1184.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1032.00h



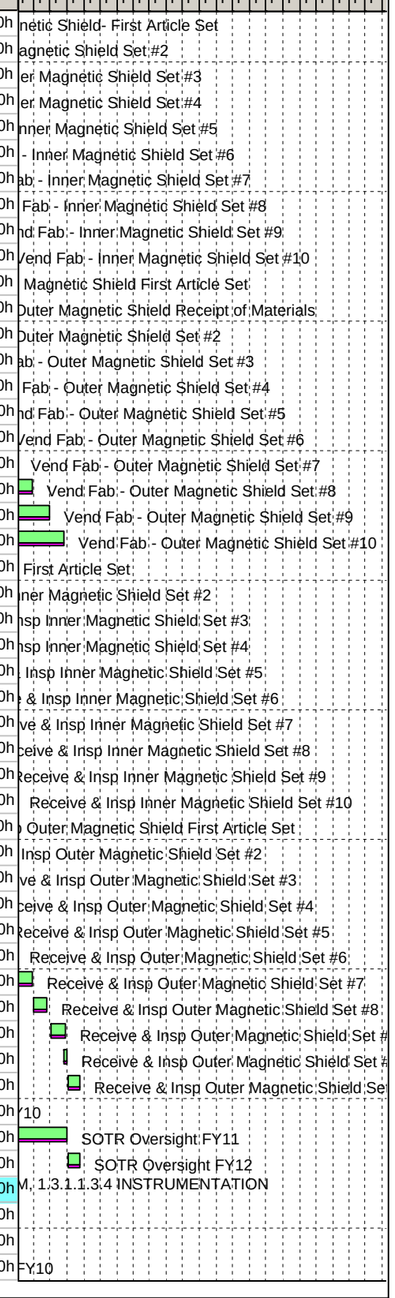
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131122065K		Vend Fab - Warm Tuners Peg Point #8 Receipt of ...	25-May-10 08:...	28-Feb-11 0...	0%	1496.00h	1496.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1032.00h
131122065L		Vend Fab - Warm Tuners Peg Point #9 Receipt of ...	25-May-10 08:...	31-Mar-11 0...	0%	1680.00h	1680.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1328.00h
131122065N		Vend Fab - Warm Tuners Peg Point #10 Receipt o...	25-May-10 08:...	29-Apr-11 04...	0%	1848.00h	1848.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1480.00h
131122065P		Vend Fab - Warm Tuners Peg Point #11 Receipt o...	25-May-10 08:...	30-Jun-11 04...	0%	2192.00h	2192.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	2216.00h
131122065Q		Vend Fab - Warm Tuners Peg Point #12 Receipt o...	25-May-10 08:...	29-Jul-11 04:...	0%	2352.00h	2352.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	2280.00h
131122065R		Vend Fab - Warm Tuners Peg Point #13 Receipt o...	25-May-10 08:...	31-Aug-11 0...	0%	2536.00h	2536.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2736.00h
131122070		Recieve & Inspect Warm Tuners - First Article	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	120.00h	$6,163.60	$0.00	$0.00	$6,163.60	752.00h
131122075		Recieve & Inspect Warm Tuners - 1st Production Set	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	744.00h
131122080		Recieve & Inspect Warm Tuners - 2nd Production ...	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	904.00h
131122085		Recieve & Inspect Warm Tuners - 3rd Production ...	06-Jan-11 08:...	03-Feb-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1072.00h
131122090		Recieve & Inspect Warm Tuners - 4th Production ...	01-Mar-11 08:...	28-Mar-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1032.00h
131122095		Recieve & Inspect Warm Tuners - 5th Production ...	01-Apr-11 08:...	28-Apr-11 04...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1328.00h
131122100		Recieve & Inspect Warm Tuners - 6th Production ...	02-May-11 08:...	27-May-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1480.00h
131122105		Recieve & Inspect Warm Tuners - 7th Production ...	01-Jul-11 08:0...	29-Jul-11 04:...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	2216.00h
131122110		Recieve & Inspect Warm Tuners - 8th Production ...	01-Aug-11 08:...	26-Aug-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	2280.00h
1.3.1.1.2.3 HELIUM HEADERS			01-Apr-09 08:...	09-Jul-10 04:...		2544.00h	2544.00h	308.00h	$17,747.33	$278,889.06	$12,433.29	$309,069.67	4376.00h
131123010		Proc Helium Headers	01-Apr-09 08:...	01-Jul-09 04:...	0%	520.00h	520.00h	48.00h	$2,423.84	$0.00	$0.00	$2,423.84	2192.00h
131123015		Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase 1)	01-Jul-09 08:0...	07-Aug-09 0...	0%	216.00h	216.00h	30.00h	$2,104.90	$21,083.41	$2,662.05	$25,850.36	2680.00h
131123016		Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase ...	10-Aug-09 08:...	30-Sep-09 0...	0%	296.00h	296.00h	41.64h	$2,921.60	$0.00	$3,693.58	$6,615.18	3368.00h
131123016b		Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase ...	01-Oct-09 08:...	02-Dec-09 0...	0%	344.00h	344.00h	48.36h	$3,501.43	$0.00	$4,429.47	$7,930.90	3368.00h
131123016c		Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase ...	10-Aug-09 08:...	02-Dec-09 0...	0%	640.00h	640.00h	0.00h	$0.00	$42,805.65	$0.00	$42,805.65	3368.00h
131123016d		Vend Fab 10 CFR 851 Compliance	02-Jul-10 08:0...	09-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$215,000.00	$0.00	$215,000.00	2192.00h
131123020		Receive & Insp Helium Headers Lot #1 1-3	05-Oct-09 08:...	30-Oct-09 04...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2680.00h
131123025		Receive & Insp Helium Headers Lot #2 4-7	02-Nov-09 08:...	01-Dec-09 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	3496.00h
131123030		Receive & Insp Helium Headers Lot #3 8-10	02-Dec-09 08:...	06-Jan-10 04...	0%	160.00h	160.00h	20.00h	$1,152.12	$0.00	$549.39	$1,701.51	5400.00h
1.3.1.1.3 CRYOMODULE PROCUREMENTS			02-Jan-09 08:...	24-Oct-11 04...		5608.00h	5608.00h	8665.10h	$470,251.75	$5,950,335.75	$168,438.79	$6,589,026.29	2440.00h
1.3.1.1.3.1 MLI			02-Mar-09 08:...	26-Oct-09 04...		1344.00h	1344.00h	280.00h	$16,019.65	$152,268.92	$5,864.68	$174,153.25	4048.00h
131131010		Proc MLI	02-Mar-09 08:...	01-Jun-09 04...	0%	520.00h	520.00h	40.00h	$2,153.00	$0.00	$0.00	$2,153.00	3040.00h
131131015		Vend Fab - MLI (Phase 1)	01-Jun-09 08:...	26-Jun-09 04...	0%	160.00h	160.00h	40.00h	$2,509.40	$38,067.22	$1,331.03	$41,907.65	3040.00h
131131016		Vend Fab - MLI (Phase 2)	29-Jun-09 08:...	16-Sep-09 0...	0%	448.00h	448.00h	120.00h	$7,528.20	$114,201.69	$3,993.06	$125,722.95	4048.00h
131131020		Receive & Insp MLI (Phase 1)	29-Jun-09 08:...	06-Aug-09 0...	0%	224.00h	224.00h	20.00h	$942.75	$0.00	$133.09	$1,075.84	3040.00h
131131021		Receive & Insp MLI (Phase 2) FY09	17-Sep-09 08:...	30-Sep-09 0...	0%	80.00h	80.00h	21.43h	$1,010.22	$0.00	$142.61	$1,152.83	4048.00h
131131021b		Receive & Insp MLI (Phase 2) FY10	01-Oct-09 08:...	26-Oct-09 04...	0%	144.00h	144.00h	38.57h	$1,876.07	$0.00	$264.89	$2,140.96	4048.00h
1.3.1.1.3.2 THERMAL SHIELD			02-Feb-09 08:...	01-Oct-10 04...		3344.00h	3344.00h	520.00h	$29,163.80	$380,651.59	$14,267.55	$424,082.94	3744.00h
131132010		Proc Thermal Shield	02-Feb-09 08:...	01-Sep-09 0...	0%	1192.00h	1192.00h	40.00h	$2,153.00	$0.00	$0.00	$2,153.00	1864.00h
131132015		Vend Fab - Thermal Shield Lot #1 (Phase 1) Labor...	01-Sep-09 08:...	30-Sep-09 0...	0%	168.00h	168.00h	10.50h	$668.09	$0.00	$559.03	$1,227.12	1864.00h
131132015b		Vend Fab - Thermal Shield Lot #1 (Phase 1) Labor...	01-Oct-09 08:...	02-Mar-10 0...	0%	792.00h	792.00h	49.50h	$3,250.17	$0.00	$2,719.49	$5,969.66	1864.00h
131132015c		Vend Fab - Thermal Shield Lot #1 (Phase 1) Procu...	01-Sep-09 08:...	02-Mar-10 0...	0%	960.00h	960.00h	0.00h	$0.00	$122,986.43	$0.00	$122,986.43	1864.00h
131132016		Vend Fab - Thermal Shield Lot #2 & 3 (Phase 2)	03-Mar-10 08:...	19-Aug-10 0...	0%	960.00h	960.00h	140.00h	$9,192.40	$257,665.15	$7,691.49	$274,549.05	2400.00h
131132020		Receive & Insp Thermal Shield Lot #1 1-3	03-Mar-10 08:...	13-Apr-10 04...	0%	240.00h	240.00h	120.00h	$6,113.20	$0.00	$1,098.79	$7,211.99	1864.00h
131132025		Receive & Insp Thermal Shield Lot #2 4-7	26-May-10 08:...	08-Jul-10 04:...	0%	240.00h	240.00h	80.00h	$3,891.40	$0.00	$1,098.79	$4,990.19	2400.00h
131132030		Receive & Insp Thermal Shield Lot #3 8-10 FY10	20-Aug-10 08:...	30-Sep-10 0...	0%	232.00h	232.00h	77.33h	$3,761.46	$0.00	$1,062.16	$4,823.62	3744.00h
131132030a		Receive & Insp Thermal Shield Lot #3 8-10 FY11	01-Oct-10 08:...	01-Oct-10 04...	0%	8.00h	8.00h	2.67h	$134.09	$0.00	$37.80	$171.89	3744.00h
1.3.1.1.3.3 MAGNETIC SHIELD			02-Jan-09 08:...	24-Oct-11 04...		5608.00h	5608.00h	1536.88h	$80,583.47	$381,405.60	$8,784.02	$470,773.10	2440.00h
131133010		Prcrmnt Prep for Magnetic Shield	02-Jan-09 08:...	11-Feb-09 0...	0%	224.00h	224.00h	12.88h	$693.27	$0.00	$0.00	$693.27	744.00h
131133015		Vend Fab - Magnetic Shield Lot #1 (Phase 1)	11-Feb-09 08:...	14-Sep-09 0...	0%	1200.00h	1200.00h	36.00h	$2,525.88	$85,949.94	$3,194.45	$91,670.28	744.00h
131133015a		Vend Fab - Magnetic Shield Lot #1 (Phase 1) Rev...	01-Jul-10 08:0...	01-Jul-10 04:...	0%	8.00h	8.00h	-36.00h	($2,606.52)	($85,949.94)	($3,194.46)	($91,750.92)	1456.00h
131133016		Vend Fab - Magnetic Shield Lot #2 & 3 (Phase 2) ...	15-Sep-09 08:...	30-Sep-09 0...	0%	96.00h	96.00h	8.40h	$589.37	$0.00	$745.36	$1,334.73	1824.00h
131133016b		Vend Fab - Magnetic Shield Lot #2 & 3 (Phase 2) ...	01-Oct-09 08:...	15-Mar-10 0...	0%	864.00h	864.00h	75.60h	$5,473.69	$0.00	$6,922.36	$12,396.05	1824.00h



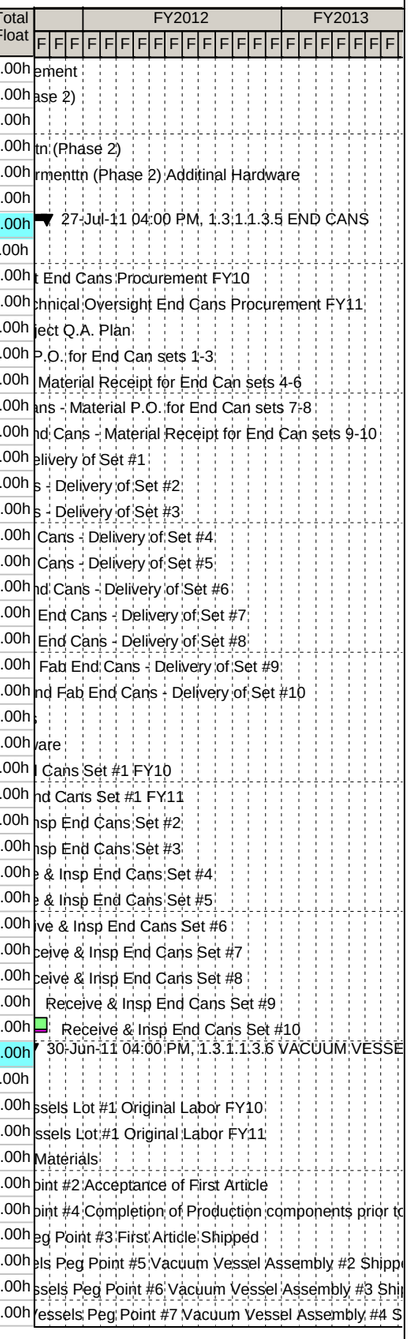
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131133016c		Vend Fab - Inner Magnetic Shield- First Article Set	01-Jul-10 08:0...	31-Aug-10 0...	0%	344.00h	344.00h	0.00h	$0.00	$22,615.00	$0.00	$22,615.00	952.00h
131133016c1		Vend Fab - Inner Magnetic Shield Set #2	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	952.00h
131133017		Vend Fab - Inner Magnetic Shield Set #3	01-Jul-10 08:0...	30-Nov-10 0...	0%	840.00h	840.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	992.00h
131133017A		Vend Fab - Inner Magnetic Shield Set #4	01-Jul-10 08:0...	30-Nov-10 0...	0%	840.00h	840.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	1240.00h
131133017B		Vend Fab - Inner Magnetic Shield Set #5	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	1584.00h
131133017C		Vend Fab - Inner Magnetic Shield Set #6	01-Jul-10 08:0...	31-Jan-11 04...	0%	1136.00h	1136.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	1664.00h
131133017D		Vend Fab - Inner Magnetic Shield Set #7	01-Jul-10 08:0...	28-Feb-11 0...	0%	1288.00h	1288.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2592.00h
131133017F		Vend Fab - Inner Magnetic Shield Set #8	01-Jul-10 08:0...	31-Mar-11 0...	0%	1472.00h	1472.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2632.00h
131133017G		Vend Fab - Inner Magnetic Shield Set #9	01-Jul-10 08:0...	29-Apr-11 04...	0%	1640.00h	1640.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2720.00h
131133017H		Vend Fab - Inner Magnetic Shield Set #10	01-Jul-10 08:0...	31-May-11 0...	0%	1808.00h	1808.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2776.00h
131133018		Vend Fab - Outer Magnetic Shield First Article Set	01-Jul-10 08:0...	29-Oct-10 04...	0%	680.00h	680.00h	0.00h	$0.00	$18,933.00	$0.00	$18,933.00	744.00h
131133018A		Vend Fab - Outer Magnetic Shield Receipt of Mate...	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$62,881.43	$0.00	$62,881.43	784.00h
131133018B		Vend Fab - Outer Magnetic Shield Set #2	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	784.00h
131133018C		Vend Fab - Outer Magnetic Shield Set #3	01-Jul-10 08:0...	28-Feb-11 0...	0%	1288.00h	1288.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	784.00h
131133018D		Vend Fab - Outer Magnetic Shield Set #4	01-Jul-10 08:0...	31-Mar-11 0...	0%	1472.00h	1472.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	848.00h
131133018F		Vend Fab - Outer Magnetic Shield Set #5	01-Jul-10 08:0...	29-Apr-11 04...	0%	1640.00h	1640.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	1160.00h
131133018G		Vend Fab - Outer Magnetic Shield Set #6	01-Jul-10 08:0...	31-May-11 0...	0%	1808.00h	1808.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	1312.00h
131133018H		Vend Fab - Outer Magnetic Shield Set #7	01-Jul-10 08:0...	30-Jun-11 04...	0%	1984.00h	1984.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2216.00h
131133018J		Vend Fab - Outer Magnetic Shield Set #8	01-Jul-10 08:0...	29-Jul-11 04:...	0%	2144.00h	2144.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2280.00h
131133018K		Vend Fab - Outer Magnetic Shield Set #9	01-Jul-10 08:0...	31-Aug-11 0...	0%	2328.00h	2328.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2352.00h
131133018L		Vend Fab - Outer Magnetic Shield Set #10	01-Jul-10 08:0...	26-Sep-11 0...	0%	2464.00h	2464.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2440.00h
131133020		Receive & Insp Inner Magnetic Shield First Article ...	12-Jan-10 08:...	09-Feb-10 0...	0%	160.00h	160.00h	80.00h	$3,891.40	$0.00	$549.39	$4,440.79	2176.00h
131133025		Receive & Insp Inner Magnetic Shield Set #2	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	952.00h
131133030		Receive & Insp Inner Magnetic Shield Set #3	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	992.00h
131133035		Receive & Insp Inner Magnetic Shield Set #4	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1240.00h
131133040		Receive & Insp Inner Magnetic Shield Set #5	31-Dec-10 08:...	31-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1584.00h
131133045		Receive & Insp Inner Magnetic Shield Set #6	01-Feb-11 08:...	01-Mar-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1664.00h
131133050		Receive & Insp Inner Magnetic Shield Set #7	01-Mar-11 08:...	28-Mar-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2592.00h
131133055		Receive & Insp Inner Magnetic Shield Set #8	01-Apr-11 08:...	28-Apr-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2632.00h
131133060		Receive & Insp Inner Magnetic Shield Set #9	02-May-11 08:...	27-May-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2720.00h
131133065		Receive & Insp Inner Magnetic Shield Set #10	01-Jun-11 08:...	28-Jun-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2776.00h
131133070		Receive & Insp Outer Magnetic Shield First Article ...	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	80.00h	$4,015.40	$0.00	$566.92	$4,582.32	744.00h
131133075		Receive & Insp Outer Magnetic Shield Set #2	17-Dec-10 08:...	24-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	808.00h
131133080		Receive & Insp Outer Magnetic Shield Set #3	01-Mar-11 08:...	28-Mar-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	784.00h
131133085		Receive & Insp Outer Magnetic Shield Set #4	01-Apr-11 08:...	28-Apr-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	848.00h
131133090		Receive & Insp Outer Magnetic Shield Set #5	02-May-11 08:...	27-May-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1160.00h
131133095		Receive & Insp Outer Magnetic Shield Set #6	01-Jun-11 08:...	28-Jun-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1312.00h
131133100		Receive & Insp Outer Magnetic Shield Set #7	01-Jul-11 08:0...	29-Jul-11 04:...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2216.00h
131133105		Receive & Insp Outer Magnetic Shield Set #8	01-Aug-11 08:...	26-Aug-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2280.00h
131133110		Receive & Insp Outer Magnetic Shield Set #9	01-Sep-11 08:...	29-Sep-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2352.00h
131133115		Receive & Insp Outer Magnetic Shield Set #10 FY11	27-Sep-11 08:...	30-Sep-11 0...	0%	32.00h	32.00h	11.20h	$527.97	$0.00	$0.00	$527.97	2440.00h
131133115a		Receive & Insp Outer Magnetic Shield Set #10 FY12	03-Oct-11 08:...	24-Oct-11 04...	0%	128.00h	128.00h	44.80h	$2,179.14	$0.00	$0.00	$2,179.14	2440.00h
131133120LOE		SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	52.00h	$3,424.20	$0.00	$0.00	$3,424.20	2440.00h
131133125LOE		SOTR Oversight FY11	01-Oct-10 08:...	30-Sep-11 0...	0%	1984.00h	1984.00h	200.00h	$13,590.00	$0.00	$0.00	$13,590.00	2440.00h
131133130LOE		SOTR Oversight FY12	03-Oct-11 08:...	24-Oct-11 04...	0%	128.00h	128.00h	20.00h	$1,402.40	$0.00	$0.00	$1,402.40	2440.00h
1.3.1.1.3.4 INSTRUMENTATION			01-Apr-09 08:...	30-Sep-10 0...		3008.00h	3008.00h	1098.00h	$57,278.47	$476,503.12	$9,339.68	$543,121.27	2448.00h
131134010		Proc Instrmenttn	01-Apr-09 08:...	01-Jul-09 04:...	0%	520.00h	520.00h	20.00h	$876.80	$0.00	$0.00	$876.80	2128.00h
131134012		Vend Fab - Instrmenttn (Phase 1) Labor FY09	01-Jul-09 08:0...	30-Sep-09 0...	0%	512.00h	512.00h	38.40h	$2,272.38	$0.00	$0.00	$2,272.38	2128.00h
131134012b		Vend Fab - Instrmenttn (Phase 1) Labor FY10	01-Oct-09 08:...	28-Dec-09 0...	0%	448.00h	448.00h	33.60h	$2,051.73	$0.00	$0.00	$2,051.73	2128.00h



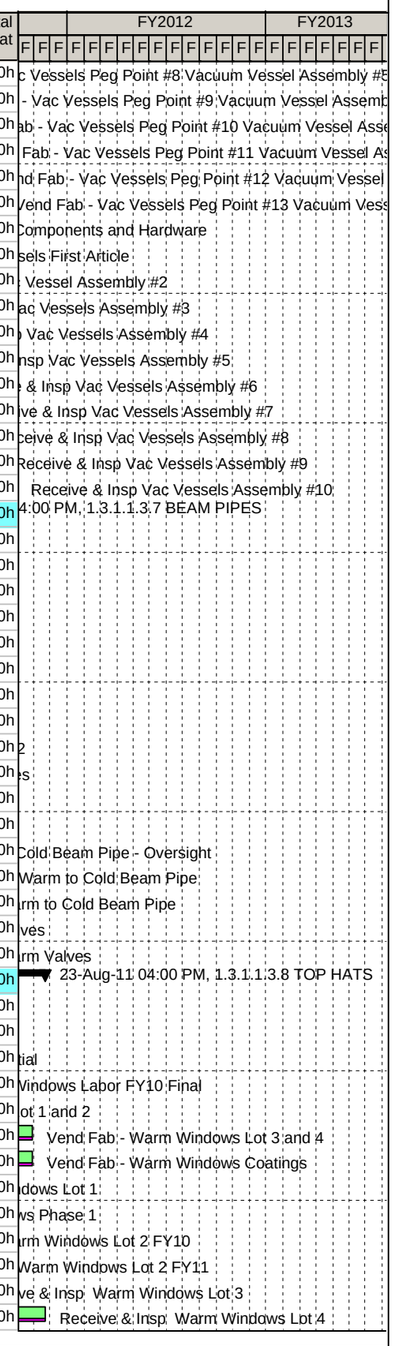
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131134012c		Vend Fab - Instrmenttn (Phase 1) Procurement	01-Jul-09 08:0...	28-Dec-09 0...	0%	960.00h	960.00h	0.00h	$0.00	$81,139.10	$0.00	$81,139.10	2128.00h
131134013		Vend Fab - Instrmenttn (Phase 2)	29-Dec-09 08:...	18-Jun-10 04...	0%	960.00h	960.00h	168.00h	$10,258.64	$395,364.02	$0.00	$405,622.66	2208.00h
131134015		Receive & Insp Instrmenttn (Phase 1)	29-Dec-09 08:...	27-Jan-10 04...	0%	160.00h	160.00h	42.00h	$2,061.48	$0.00	$1,648.18	$3,709.66	2128.00h
131134016		Receive & Insp Instrmenttn (Phase 2)	21-Jun-10 08:...	19-Jul-10 04:...	0%	160.00h	160.00h	98.00h	$4,810.12	$0.00	$3,845.75	$8,655.87	2208.00h
131134018		Receive & Insp Instrmenttn (Phase 2) Additinal Ha...	20-Jul-10 08:0...	30-Sep-10 0...	0%	416.00h	416.00h	98.00h	$4,810.12	$0.00	$3,845.75	$8,655.87	2208.00h
131134021LOE		SOTR Oversight	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	600.00h	$30,137.20	$0.00	$0.00	$30,137.20	2448.00h
1.3.1.1.3.5 END CANS			01-Oct-09 08:...	27-Jul-11 04:...		3600.00h	3600.00h	1365.82h	$68,727.27	$1,402,902.00	$34,631.98	$1,506,261.25	2936.00h
131135010		Proc End Cans	01-Oct-09 08:...	02-Feb-10 0...	0%	640.00h	640.00h	40.00h	$2,221.80	$0.00	$0.00	$2,221.80	-200.00h
131135015		Technical Oversight End Cans Procurement FY10	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	91.64h	$5,090.14	$0.00	$15,732.61	$20,822.75	3424.00h
131135015A		Technical Oversight End Cans Procurement FY11	01-Oct-10 08:...	29-Apr-11 04...	0%	1128.00h	1128.00h	154.18h	$9,749.52	$0.00	$12,111.44	$21,860.96	3424.00h
131135015B		Vend Fab End Cans - Submittal of Project Q.A. Plan	04-Jan-10 08:...	29-Jan-10 04...	0%	152.00h	152.00h	0.00h	$0.00	$67,645.00	$0.00	$67,645.00	912.00h
131135015C		Vend Fab End Cans - Material P.O. for End Can s...	04-Jan-10 08:...	30-Apr-10 04...	0%	664.00h	664.00h	0.00h	$0.00	$174,599.00	$0.00	$174,599.00	912.00h
131135015D		Vend Fab End Cans - Material Receipt for End Ca...	04-Jan-10 08:...	31-Aug-10 0...	0%	1344.00h	1344.00h	0.00h	$0.00	$158,211.00	$0.00	$158,211.00	912.00h
131135015F		Vend Fab End Cans - Material P.O. for End Can s...	04-Jan-10 08:...	29-Oct-10 04...	0%	1680.00h	1680.00h	0.00h	$0.00	$158,211.00	$0.00	$158,211.00	912.00h
131135015G		Vend Fab End Cans - Material Receipt for End Ca...	04-Jan-10 08:...	30-Dec-10 0...	0%	1976.00h	1976.00h	0.00h	$0.00	$158,211.00	$0.00	$158,211.00	912.00h
131135015H		Vend Fab End Cans - Delivery of Set #1	04-Jan-10 08:...	30-Jul-10 04:...	0%	1168.00h	1168.00h	0.00h	$0.00	$136,921.00	$0.00	$136,921.00	912.00h
131135015J		Vend Fab End Cans - Delivery of Set #2	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	912.00h
131135015K		Vend Fab End Cans - Delivery of Set #3	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1160.00h
131135015N		Vend Fab End Cans - Delivery of Set #4	04-Jan-10 08:...	30-Nov-10 0...	0%	1840.00h	1840.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1160.00h
131135015O		Vend Fab End Cans - Delivery of Set #5	04-Jan-10 08:...	30-Nov-10 0...	0%	1840.00h	1840.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1640.00h
131135015P		Vend Fab End Cans - Delivery of Set #6	04-Jan-10 08:...	31-Dec-10 0...	0%	1984.00h	1984.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1816.00h
131135015Q		Vend Fab End Cans - Delivery of Set #7	05-Jan-10 08:...	01-Feb-11 0...	0%	2136.00h	2136.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	2736.00h
131135015R		Vend Fab End Cans - Delivery of Set #8	05-Jan-10 08:...	01-Feb-11 0...	0%	2136.00h	2136.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	2880.00h
131135015S		Vend Fab End Cans - Delivery of Set #9	05-Jan-10 08:...	01-Apr-11 04...	0%	2472.00h	2472.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	2880.00h
131135015T		Vend Fab End Cans - Delivery of Set #10	05-Jan-10 08:...	02-May-11 0...	0%	2640.00h	2640.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	2936.00h
131135016		Electronic Valve Actuators	01-Jul-10 08:0...	08-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$25,000.00	$0.00	$25,000.00	4544.00h
131135017		Additional End Can Hardware	01-Jul-10 08:0...	08-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$25,000.00	$0.00	$25,000.00	4544.00h
131135020		Receive & Insp End Cans Set #1 FY10	02-Aug-10 08:...	30-Sep-10 0...	0%	344.00h	344.00h	77.39h	$3,595.81	$0.00	$472.48	$4,068.29	936.00h
131135020a		Receive & Insp End Cans Set #1 FY11	01-Oct-10 08:...	25-Oct-10 04...	0%	136.00h	136.00h	30.61h	$1,467.64	$0.00	$192.75	$1,660.39	936.00h
131135025		Receive & Insp End Cans Set #2	01-Oct-10 08:...	04-Jan-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	912.00h
131135030		Receive & Insp End Cans Set #3	01-Oct-10 08:...	04-Jan-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1240.00h
131135035		Receive & Insp End Cans Set #4	01-Dec-10 08:...	04-Mar-11 0...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1160.00h
131135040		Receive & Insp End Cans Set #5	01-Dec-10 08:...	04-Mar-11 0...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1640.00h
131135045		Receive & Insp End Cans Set #6	04-Jan-11 08:...	30-Mar-11 0...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1816.00h
131135050		Receive & Insp End Cans Set #7	02-Feb-11 08:...	27-Apr-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	2736.00h
131135055		Receive & Insp End Cans Set #8	02-Feb-11 08:...	27-Apr-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	2960.00h
131135060		Receive & Insp End Cans Set #9	04-Apr-11 08:...	27-Jun-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	2880.00h
131135065		Receive & Insp End Cans Set #10	03-May-11 08:...	27-Jul-11 04:...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	2936.00h
1.3.1.1.3.6 VACUUM VESSELS			02-Nov-09 08:...	30-Jun-11 04...		3280.00h	3280.00h	792.00h	$41,153.45	$845,582.00	$30,853.22	$917,588.67	3080.00h
131136010		Proc Vac Vessels	02-Nov-09 08:...	02-Nov-09 0...	0%	8.00h	8.00h	40.00h	$2,221.80	$0.00	$0.00	$2,221.80	136.00h
131136015		Vend Fab - Vac Vessels Lot #1 Original Labor FY10	08-Mar-10 08:...	30-Sep-10 0...	0%	1168.00h	1168.00h	194.67h	$12,781.83	$0.00	$26,737.12	$39,518.95	1544.00h
131136015a		Vend Fab - Vac Vessels Lot #1 Original Labor FY11	01-Oct-10 08:...	06-Oct-10 04...	0%	32.00h	32.00h	5.33h	$361.34	$0.00	$755.89	$1,117.23	1544.00h
131136016		Vend Fab - Vac Vessels Peg Point #1 Materials	25-Nov-09 08:...	29-Jan-10 04...	0%	312.00h	312.00h	0.00h	$0.00	$184,500.00	$0.00	$184,500.00	1392.00h
131136016a		Vend Fab - Vac Vessels Peg Point #2 Acceptance ...	25-Nov-09 08:...	30-Apr-10 04...	0%	824.00h	824.00h	0.00h	$0.00	$61,812.00	$0.00	$61,812.00	1392.00h
131136016b		Vend Fab - Vac Vessels Peg Point #4 Completion ...	25-Nov-09 08:...	30-Apr-10 04...	0%	824.00h	824.00h	0.00h	$0.00	$162,925.00	$0.00	$162,925.00	1392.00h
131136016c		Vend Fab - Vac Vessels Peg Point #3 First Article ...	25-Nov-09 08:...	30-Jun-10 04...	0%	1160.00h	1160.00h	0.00h	$0.00	$15,528.00	$0.00	$15,528.00	1392.00h
131136016d		Vend Fab - Vac Vessels Peg Point #5 Vacuum Ve...	25-Nov-09 08:...	31-Aug-10 0...	0%	1504.00h	1504.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1392.00h
131136016f		Vend Fab - Vac Vessels Peg Point #6 Vacuum Ve...	25-Nov-09 08:...	30-Sep-10 0...	0%	1672.00h	1672.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1552.00h
131136016g		Vend Fab - Vac Vessels Peg Point #7 Vacuum Ve...	25-Nov-09 08:...	29-Oct-10 04...	0%	1840.00h	1840.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1640.00h



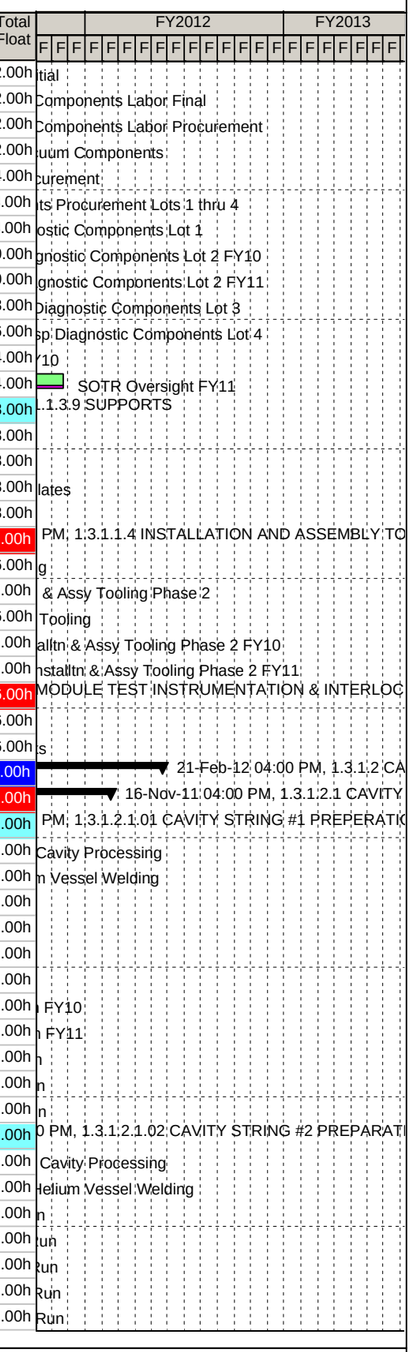
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131136016h		Vend Fab - Vac Vessels Peg Point #8 Vacuum Ve...	25-Nov-09 08:...	30-Nov-10 0...	0%	2000.00h	2000.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1936.00h
131136016j		Vend Fab - Vac Vessels Peg Point #9 Vacuum Ve...	25-Nov-09 08:...	31-Jan-11 04...	0%	2296.00h	2296.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1992.00h
131136016k		Vend Fab - Vac Vessels Peg Point #10 Vacuum V...	25-Nov-09 08:...	28-Feb-11 0...	0%	2448.00h	2448.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	2888.00h
131136016n		Vend Fab - Vac Vessels Peg Point #11 Vacuum V...	25-Nov-09 08:...	31-Mar-11 0...	0%	2632.00h	2632.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	2944.00h
131136016o		Vend Fab - Vac Vessels Peg Point #12 Vacuum V...	25-Nov-09 08:...	29-Apr-11 04...	0%	2800.00h	2800.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	3032.00h
131136016p		Vend Fab - Vac Vessels Peg Point #13 Vacuum V...	25-Nov-09 08:...	31-May-11 0...	0%	2968.00h	2968.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	3080.00h
131136017		Vend Fab Insulating Vac Components and Hardware	01-Jul-10 08:0...	08-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$40,000.00	$0.00	$40,000.00	4848.00h
131136020		Receive & Insp Vac Vessels First Article	01-Jul-10 08:0...	30-Jul-10 04:...	0%	168.00h	168.00h	80.00h	$3,973.84	$0.00	$1,046.37	$5,020.21	1536.00h
131136025		Receive & Insp Vac Vessel Assembly #2	01-Sep-10 08:...	30-Sep-10 0...	0%	168.00h	168.00h	72.00h	$3,447.04	$0.00	$250.00	$3,697.04	1392.00h
131136030		Receive & Insp Vac Vessels Assembly #3	01-Oct-10 08:...	29-Oct-10 04...	0%	168.00h	168.00h	56.00h	$2,639.84	$0.00	$257.98	$2,897.82	1552.00h
131136035		Receive & Insp Vac Vessels Assembly #4	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$257.98	$2,897.82	1640.00h
131136040		Receive & Insp Vac Vessels Assembly #5	01-Dec-10 08:...	10-Jan-11 04...	0%	184.00h	184.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	1936.00h
131136045		Receive & Insp Vac Vessels Assembly #6	01-Feb-11 08:...	28-Feb-11 0...	0%	152.00h	152.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	1992.00h
131136050		Receive & Insp Vac Vessels Assembly #7	01-Mar-11 08:...	31-Mar-11 0...	0%	184.00h	184.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	2888.00h
131136055		Receive & Insp Vac Vessels Assembly #8	01-Apr-11 08:...	29-Apr-11 04...	0%	168.00h	168.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	2944.00h
131136060		Receive & Insp Vac Vessels Assembly #9	02-May-11 08:...	31-May-11 0...	0%	168.00h	168.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	3032.00h
131136065		Receive & Insp Vac Vessels Assembly #10	01-Jun-11 08:...	30-Jun-11 04...	0%	176.00h	176.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	3080.00h
1.3.1.1.3.7 BEAM PIPES			25-Sep-09 08:...	30-Dec-10 0...		2480.00h	2480.00h	312.00h	$15,201.19	$592,631.69	$18,679.43	$626,512.31	1240.00h
131137010		Proc Beam Pipes Labor FY09	25-Sep-09 08:...	30-Sep-09 0...	0%	32.00h	32.00h	1.42h	$78.03	$0.00	$0.00	$78.03	1408.00h
131137010b		Proc Beam Pipes Labor FY10	01-Oct-09 08:...	26-Feb-10 0...	0%	776.00h	776.00h	34.58h	$1,960.32	$0.00	$0.00	$1,960.32	1408.00h
131137011		Vendor Fab Cold Valves - Oversight	01-Oct-09 08:...	04-Jan-10 04...	0%	480.00h	480.00h	20.00h	$1,110.90	$0.00	$4,120.45	$5,231.35	1376.00h
131137012		Vend Fab - Cold Valves 1-4	25-Sep-09 08:...	26-Feb-10 0...	0%	808.00h	808.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137013		Vend Fab - Cold Valves 5-8	25-Sep-09 08:...	31-Mar-10 0...	0%	992.00h	992.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137014		Vend Fab - Cold Valves 9-12	25-Sep-09 08:...	31-Mar-10 0...	0%	992.00h	992.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137015		Vend Fab - Cold Valves 13-16	25-Sep-09 08:...	30-Apr-10 04...	0%	1168.00h	1168.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137016		Vend Fab - Cold Valves 17-20	25-Sep-09 08:...	30-Apr-10 04...	0%	1168.00h	1168.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137017		Vend Fab - Cold Valves 21-22	25-Sep-09 08:...	28-May-10 0...	0%	1328.00h	1328.00h	0.00h	$0.00	$39,990.00	$0.00	$39,990.00	1152.00h
131137020		Receive & Inspect Cold Valves	16-Feb-10 08:...	28-May-10 0...	0%	592.00h	592.00h	98.00h	$4,359.62	$0.00	$879.05	$5,238.67	1152.00h
131137025		Vendor Fab Burst Disc	01-Oct-09 08:...	26-Feb-10 0...	0%	776.00h	776.00h	20.00h	$1,110.90	$8,790.28	$4,120.45	$14,021.63	2096.00h
131137030		Receive & Inspect Burst Disc	01-Mar-10 08:...	31-Mar-10 0...	0%	184.00h	184.00h	39.20h	$1,743.85	$0.00	$146.51	$1,890.36	2096.00h
131137034		Vendor Fab Warm to Cold Beam Pipe - Oversight	05-Jan-10 08:...	27-Aug-10 0...	0%	1320.00h	1320.00h	20.00h	$1,110.90	$0.00	$4,120.45	$5,231.35	1240.00h
131137035		Vendor Fab Warm to Cold Beam Pipe	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$100,000.00	$0.00	$100,000.00	1240.00h
131137040		Receive & Inspect Warm to Cold Beam Pipe	05-Apr-10 08:...	31-Aug-10 0...	0%	840.00h	840.00h	39.20h	$1,743.85	$0.00	$293.02	$2,036.87	1240.00h
131137045		Vendor Fab Warm Valves	04-Dec-09 08:...	27-Aug-10 0...	0%	1448.00h	1448.00h	20.00h	$1,110.90	$43,951.41	$4,120.45	$49,182.76	1240.00h
131137050		Receive & Inspect Warm Valves	24-Mar-10 08:...	31-Aug-10 0...	0%	904.00h	904.00h	19.60h	$871.92	$0.00	$879.05	$1,750.98	1240.00h
1.3.1.1.3.8 TOP HATS			13-May-09 08:...	23-Aug-11 0...		4536.00h	4536.00h	2604.40h	$153,970.41	$1,593,451.56	$39,974.91	$1,787,396.88	2784.00h
131138010		Proc Top Hats Air Side FPC Components	13-May-09 08:...	06-Aug-09 0...	0%	480.00h	480.00h	36.00h	$1,977.64	$0.00	$0.00	$1,977.64	1072.00h
131138015		Vend Fab - Warm Windows Labor FY09	07-Aug-09 08:...	30-Sep-09 0...	0%	304.00h	304.00h	55.73h	$3,018.08	$0.00	$2,764.97	$5,783.05	2216.00h
131138015b		Vend Fab - Warm Windows Labor FY10 Initial	01-Oct-09 08:...	30-Nov-09 0...	0%	328.00h	328.00h	60.13h	$3,360.33	$0.00	$3,078.62	$6,438.95	2216.00h
131138015ba		Vend Fab - Warm Windows Labor FY10 Final	01-Dec-09 08:...	30-Sep-10 0...	0%	1656.00h	1656.00h	104.14h	$5,819.62	$0.00	$5,330.76	$11,150.38	2216.00h
131138015c		Vend Fab - Warm Windows Lot 1 and 2	07-Aug-09 08:...	28-May-10 0...	0%	1600.00h	1600.00h	0.00h	$0.00	$107,824.04	$0.00	$107,824.04	1704.00h
131138015d		Vend Fab - Warm Windows Lot 3 and 4	30-Jul-10 08:0...	29-Jul-11 04:...	0%	1984.00h	1984.00h	0.00h	$0.00	$172,119.34	$0.00	$172,119.34	2560.00h
131138015f		Vend Fab - Warm Windows Coatings	30-Jul-10 08:0...	29-Jul-11 04:...	0%	1984.00h	1984.00h	0.00h	$0.00	$90,000.00	$0.00	$90,000.00	2560.00h
131138020		Receive & Insp Warm Windows Lot 1	01-Jun-10 08:...	30-Jun-10 04...	0%	176.00h	176.00h	80.00h	$4,098.80	$0.00	$274.70	$4,373.50	1704.00h
131138020a		Acceptance Warm Windows Phase 1	30-Jun-10 08:...	30-Jun-10 04...	0%	8.00h	8.00h	0.00h	$0.00	$43,129.62	$0.00	$43,129.62	2240.00h
131138020b		Receive & Insp Warm Windows Lot 2 FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	56.88h	$2,914.25	$0.00	$195.34	$3,109.59	2240.00h
131138020ba		Receive & Insp Warm Windows Lot 2 FY11	01-Oct-10 08:...	05-Nov-10 0...	0%	208.00h	208.00h	23.12h	$1,222.30	$0.00	$81.89	$1,304.19	2240.00h
131138020d		Receive & Insp Warm Windows Lot 3	08-Nov-10 08:...	25-Mar-11 0...	0%	720.00h	720.00h	80.00h	$4,229.40	$0.00	$283.46	$4,512.86	2920.00h
131138020g		Receive & Insp Warm Windows Lot 4	18-Apr-11 08:...	23-Aug-11 0...	0%	720.00h	720.00h	80.00h	$4,229.40	$0.00	$283.46	$4,512.86	2560.00h



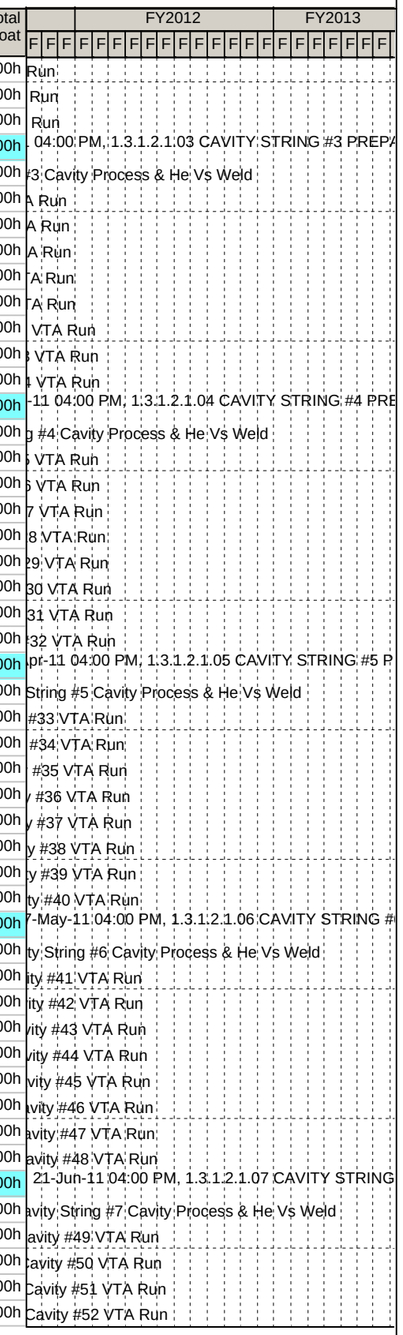
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131138025		Vendor Fab Vacuum Components Labor Initial	05-Oct-09 08:...	30-Nov-09 0...	0%	312.00h	312.00h	75.60h	$4,142.60	$0.00	$4,642.37	$8,784.97	1072.00h
131138025a		Vendor Fab Vacuum Components Labor Final	01-Dec-09 08:...	31-Aug-10 0...	0%	1488.00h	1488.00h	40.80h	$2,236.75	$0.00	$2,499.74	$4,736.49	1072.00h
131138025a5		Vendor Fab Vacuum Components Labor Procurem...	05-Oct-09 08:...	31-Aug-10 0...	0%	1800.00h	1800.00h	0.00h	$0.00	$786,919.05	$0.00	$786,919.05	1072.00h
131138030		Receive & Insp Vacuum Components	05-Feb-10 08:...	30-Sep-10 0...	0%	1328.00h	1328.00h	196.00h	$8,707.64	$0.00	$1,098.79	$9,806.43	1072.00h
131138035		Support for Diagnostic Components Procurement	05-Oct-09 08:...	06-Jan-10 04...	0%	480.00h	480.00h	140.00h	$7,432.80	$0.00	$7,142.11	$14,574.91	1784.00h
131138037		Diagnostic Components Procurement Lots 1 thru 4	04-Jan-10 08:...	31-Aug-10 0...	0%	1344.00h	1344.00h	0.00h	$0.00	$393,459.52	$0.00	$393,459.52	624.00h
131138040		Receive & Insp Diagnostic Components Lot 1	04-Aug-10 08:...	01-Sep-10 0...	0%	168.00h	168.00h	100.00h	$5,211.00	$0.00	$3,021.66	$8,232.66	624.00h
131138045		Receive & Insp Diagnostic Components Lot 2 FY10	02-Sep-10 08:...	30-Sep-10 0...	0%	160.00h	160.00h	80.00h	$4,168.80	$0.00	$2,417.33	$6,586.13	1600.00h
131138045a		Receive & Insp Diagnostic Components Lot 2 FY11	01-Oct-10 08:...	07-Oct-10 04...	0%	40.00h	40.00h	20.00h	$1,075.40	$0.00	$623.61	$1,699.01	1600.00h
131138050		Receive & Insp Diagnostic Components Lot 3	08-Oct-10 08:...	11-Nov-10 0...	0%	200.00h	200.00h	100.00h	$5,377.00	$0.00	$3,118.05	$8,495.05	2048.00h
131138055		Receive & Insp Diagnostic Components Lot 4	12-Nov-10 08:...	20-Dec-10 0...	0%	200.00h	200.00h	100.00h	$5,377.00	$0.00	$3,118.05	$8,495.05	2256.00h
131138060LOE		SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	256.00h	$16,857.60	$0.00	$0.00	$16,857.60	2784.00h
131138065LOE		SOTR Oversight FY11	01-Oct-10 08:...	23-Aug-11 0...	0%	1768.00h	1768.00h	920.00h	$62,514.00	$0.00	$0.00	$62,514.00	2784.00h
1.3.1.1.3.9 SUPPORTS			01-Oct-09 08:...	16-Jul-10 04:...		1560.00h	1560.00h	156.00h	$8,154.04	$124,939.26	$6,043.32	$139,136.63	2008.00h
131139010		Proc Supprts	01-Oct-09 08:...	11-Dec-09 0...	0%	400.00h	400.00h	36.00h	$2,040.84	$0.00	$0.00	$2,040.84	2008.00h
131139015		Vend Fab - Supprts	14-Dec-09 08:...	24-Mar-10 0...	0%	520.00h	520.00h	80.00h	$4,443.60	$54,939.26	$5,493.93	$64,876.79	2008.00h
131139020		Additional Support Baseplates	12-Jul-10 08:0...	16-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$70,000.00	$0.00	$70,000.00	2008.00h
131139025		Receive & Insp Supprts	25-Mar-10 08:...	15-Apr-10 04...	0%	128.00h	128.00h	40.00h	$1,669.60	$0.00	$549.39	$2,218.99	2008.00h
1.3.1.1.4 INSTALLATION AND ASSEMBLY TOOLING PROCUREMENTS			01-Oct-09 08:...	04-Nov-10 0...		2184.00h	2184.00h	4560.00h	$227,481.30	$368,124.69	$38,289.63	$633,895.62	552.00h
13114010		Vend Fab - Installtn & Assy Tooling	01-Oct-09 08:...	31-Mar-10 0...	0%	960.00h	960.00h	0.00h	$0.00	$68,124.69	$5,493.93	$73,618.61	1616.00h
13114012		Vend Fab - Installtn & Assy Tooling Phase 2	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	0.00h	$0.00	$300,000.00	$0.00	$300,000.00	552.00h
13114015		Receive & Insp Installtn & Assy Tooling	01-Apr-10 08:...	28-Apr-10 04...	0%	160.00h	160.00h	480.00h	$25,012.80	$0.00	$2,197.58	$27,210.38	1616.00h
13114020		Receive & Insp Installtn & Assy Tooling Phase 2 F...	10-Sep-10 08:...	30-Sep-10 0...	0%	120.00h	120.00h	1530.00h	$74,443.50	$0.00	$11,250.00	$85,693.50	552.00h
13114020a		Receive & Insp Installtn & Assy Tooling Phase 2 F...	01-Oct-10 08:...	04-Nov-10 0...	0%	200.00h	200.00h	2550.00h	$128,025.00	$0.00	$19,348.13	$147,373.13	552.00h
1.3.1.1.5 CRYOMODULE TEST INSTRUMENTATION & INTERLOCKS PROCUREMENT			01-Oct-09 08:...	02-Feb-10 0...		640.00h	640.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2416.00h
13115010		Vend Fab - Instrmenttn & Interlocks	01-Oct-09 08:...	04-Jan-10 04...	0%	480.00h	480.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2416.00h
13115015		Receive & Insp Instrmenttn & Interlocks	05-Jan-10 08:...	02-Feb-10 0...	0%	160.00h	160.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2416.00h
1.3.1.2 CAVITY STRING ASSEMBLY			05-Aug-10 08:...	21-Feb-12 0...		3040.00h	3040.00h	21264.00h	$1,130,181.30	$0.00	$273,656.13	$1,403,837.43	-16.00h
1.3.1.2.1 CAVITY PREPARATION			05-Aug-10 08:...	16-Nov-11 0...		2568.00h	2568.00h	8424.00h	$474,879.62	$0.00	$101,410.47	$576,290.09	368.00h
1.3.1.2.1.01 CAVITY STRING #1 PREPERATION			05-Aug-10 08:...	05-Nov-10 0...		528.00h	528.00h	842.40h	$46,640.82	$0.00	$10,080.00	$56,720.82	392.00h
1312101002		Cavity String #1 Cavity Processing	01-Nov-10 08:...	05-Nov-10 0...	0%	40.00h	40.00h	190.40h	$8,509.04	$0.00	$9,080.00	$17,589.04	392.00h
1312101005		Cavity String #1 Helium Vessel Welding	05-Aug-10 08:...	25-Aug-10 0...	0%	120.00h	120.00h	140.00h	$6,048.16	$0.00	$1,000.00	$7,048.16	456.00h
1312101030		Cavity #1 VTA Run	10-Sep-10 08:...	16-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101035		Cavity #2 VTA Run	15-Sep-10 08:...	21-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101040		Cavity #3 VTA Run	20-Sep-10 08:...	24-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101045		Cavity #4 VTA Run	23-Sep-10 08:...	29-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101050		Cavity #5 VTA Run FY10	28-Sep-10 08:...	30-Sep-10 0...	0%	24.00h	24.00h	38.40h	$2,374.08	$0.00	$0.00	$2,374.08	296.00h
1312101050a		Cavity #5 VTA Run FY11	01-Oct-10 08:...	04-Oct-10 04...	0%	16.00h	16.00h	25.60h	$1,633.22	$0.00	$0.00	$1,633.22	296.00h
1312101055		Cavity #6 VTA Run	01-Oct-10 08:...	07-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312101060		Cavity #7 VTA Run	06-Oct-10 08:...	12-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312101065		Cavity #8 VTA Run	11-Oct-10 08:...	15-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1.3.1.2.1.02 CAVITY STRING #2 PREPARATION			08-Oct-10 08:...	19-Nov-10 0...		248.00h	248.00h	842.40h	$47,414.24	$0.00	$10,111.90	$57,526.14	352.00h
1312102002		Cavity String #2 Cavity Processing	08-Nov-10 08:...	12-Nov-10 0...	0%	40.00h	40.00h	190.40h	$8,509.04	$0.00	$9,080.00	$17,589.04	392.00h
1312102005		Cavity String #2 Helium Vessel Welding	08-Oct-10 08:...	28-Oct-10 04...	0%	120.00h	120.00h	140.00h	$6,240.88	$0.00	$1,031.90	$7,272.78	296.00h
1312102030		Cavity #9 VTA Run	15-Oct-10 08:...	21-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102035		Cavity #10 VTA Run	20-Oct-10 08:...	26-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102040		Cavity #11 VTA Run	25-Oct-10 08:...	29-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102045		Cavity #12 VTA Run	28-Oct-10 08:...	03-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102050		Cavity #13 VTA Run	02-Nov-10 08:...	08-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h



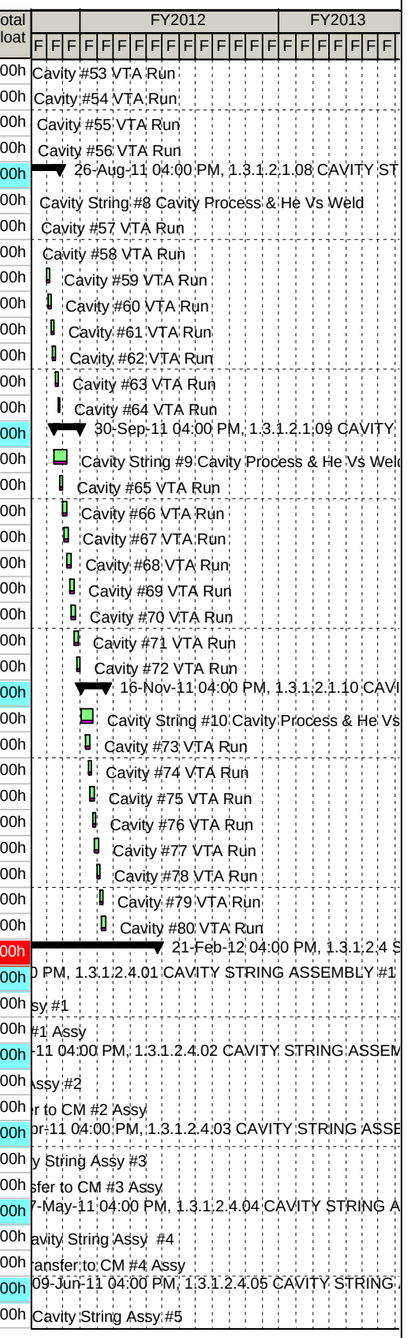
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1312102055		Cavity #14 VTA Run	05-Nov-10 08:...	11-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102060		Cavity #15 VTA Run	10-Nov-10 08:...	16-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102065		Cavity #16 VTA Run	15-Nov-10 08:...	19-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1.3.1.2.1.03 CAVITY STRING #3 PREPARATION			15-Nov-10 08:...	01-Feb-11 0...		384.00h	384.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	376.00h
1312103005		Cavity String #3 Cavity Process & He Vs Weld	15-Nov-10 08:...	08-Dec-10 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	392.00h
1312103030		Cavity #17 VTA Run	23-Nov-10 08:...	01-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	392.00h
1312103035		Cavity #18 VTA Run	30-Nov-10 08:...	06-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	392.00h
1312103040		Cavity #19 VTA Run	03-Dec-10 08:...	09-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	392.00h
1312103045		Cavity #20 VTA Run	08-Dec-10 08:...	14-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	392.00h
1312103050		Cavity #21 VTA Run	13-Dec-10 08:...	17-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	392.00h
1312103055		Cavity #22 VTA Run	18-Jan-11 08:...	24-Jan-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312103060		Cavity #23 VTA Run	21-Jan-11 08:...	27-Jan-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312103065		Cavity #24 VTA Run	26-Jan-11 08:...	01-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1.3.1.2.1.04 CAVITY STRING #4 PREPARATION			09-Dec-10 08:...	08-Mar-11 0...		448.00h	448.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	376.00h
1312104005		Cavity String #4 Cavity Process & He Vs Weld	09-Dec-10 08:...	07-Jan-11 04...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	568.00h
1312104030		Cavity#25 VTA Run	31-Jan-11 08:...	04-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104035		Cavity#26 VTA Run	03-Feb-11 08:...	09-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104040		Cavity#27 VTA Run	08-Feb-11 08:...	14-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104045		Cavity#28 VTA Run	11-Feb-11 08:...	17-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104050		Cavity#29 VTA Run	16-Feb-11 08:...	23-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104055		Cavity#30 VTA Run	22-Feb-11 08:...	28-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104060		Cavity#31 VTA Run	25-Feb-11 08:...	03-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312104065		Cavity#32 VTA Run	02-Mar-11 08:...	08-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1.3.1.2.1.05 CAVITY STRING #5 PREPARATION			15-Feb-11 08:...	13-Apr-11 04...		328.00h	328.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	376.00h
1312105005		Cavity String #5 Cavity Process & He Vs Weld	15-Feb-11 08:...	09-Mar-11 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	448.00h
1312105030		Cavity #33 VTA Run	09-Mar-11 08:...	15-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105035		Cavity #34 VTA Run	14-Mar-11 08:...	18-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105040		Cavity #35 VTA Run	17-Mar-11 08:...	23-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105045		Cavity #36 VTA Run	22-Mar-11 08:...	28-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105050		Cavity #37 VTA Run	25-Mar-11 08:...	31-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105055		Cavity #38 VTA Run	30-Mar-11 08:...	05-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105060		Cavity #39 VTA Run	04-Apr-11 08:...	08-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312105065		Cavity #40 VTA Run	07-Apr-11 08:...	13-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1.3.1.2.1.06 CAVITY STRING #6 PREPARATION			21-Mar-11 08:...	17-May-11 0...		336.00h	336.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	376.00h
1312106005		Cavity String #6 Cavity Process & He Vs Weld	21-Mar-11 08:...	11-Apr-11 04...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	456.00h
1312106030		Cavity #41 VTA Run	12-Apr-11 08:...	18-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106035		Cavity #42 VTA Run	15-Apr-11 08:...	21-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106040		Cavity #43 VTA Run	20-Apr-11 08:...	26-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106045		Cavity #44 VTA Run	25-Apr-11 08:...	29-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106050		Cavity #45 VTA Run	28-Apr-11 08:...	04-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106055		Cavity #46 VTA Run	03-May-11 08:...	09-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106060		Cavity #47 VTA Run	06-May-11 08:...	12-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312106065		Cavity #48 VTA Run	11-May-11 08:...	17-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1.3.1.2.1.07 CAVITY STRING #7 PREPARATION			20-Apr-11 08:...	21-Jun-11 04...		352.00h	352.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	376.00h
1312107005		Cavity String #7 Cavity Process & He Vs Weld	20-Apr-11 08:...	11-May-11 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	472.00h
1312107030		Cavity #49 VTA Run	16-May-11 08:...	20-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312107035		Cavity #50 VTA Run	19-May-11 08:...	25-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312107040		Cavity #51 VTA Run	24-May-11 08:...	31-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312107045		Cavity #52 VTA Run	27-May-11 08:...	03-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h



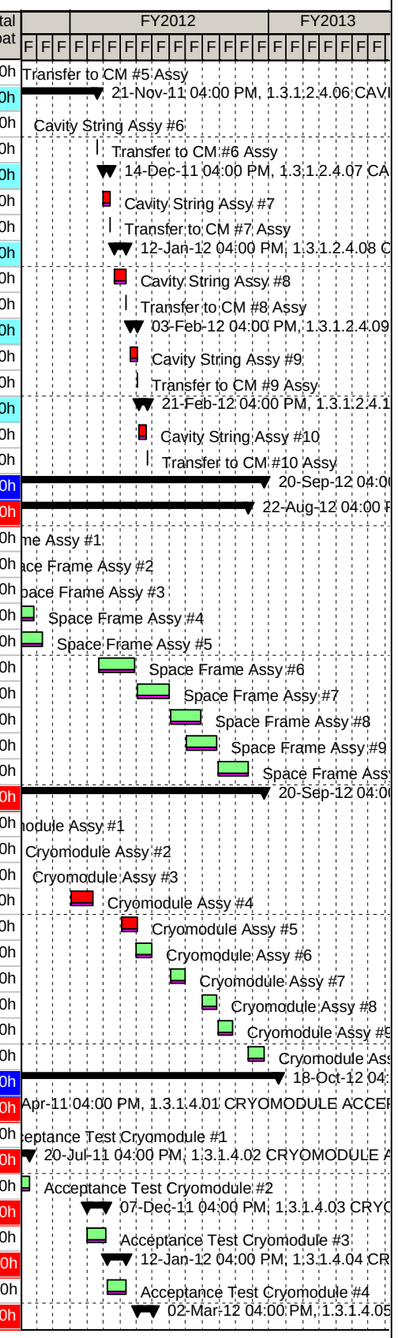
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1312107050		Cavity #53 VTA Run	02-Jun-11 08:...	08-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312107055		Cavity #54 VTA Run	07-Jun-11 08:...	13-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312107060		Cavity #55 VTA Run	10-Jun-11 08:...	16-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312107065		Cavity #56 VTA Run	15-Jun-11 08:...	21-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1.3.1.2.1.08 CAVITY STRING #8 PREPARATION			02-Jun-11 08:...	26-Aug-11 0...		488.00h	488.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	440.00h
1312108005		Cavity String #8 Cavity Process & He Vs Weld	02-Jun-11 08:...	23-Jun-11 04...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	424.00h
1312108030		Cavity #57 VTA Run	20-Jun-11 08:...	24-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312108035		Cavity #58 VTA Run	23-Jun-11 08:...	29-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	376.00h
1312108040		Cavity #59 VTA Run	01-Aug-11 08:...	05-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312108045		Cavity #60 VTA Run	04-Aug-11 08:...	10-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312108050		Cavity #61 VTA Run	09-Aug-11 08:...	15-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312108055		Cavity #62 VTA Run	12-Aug-11 08:...	18-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312108060		Cavity #63 VTA Run	17-Aug-11 08:...	23-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312108065		Cavity #64 VTA Run	22-Aug-11 08:...	26-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1.3.1.2.1.09 CAVITY STRING #9 PREPARATION			15-Aug-11 08:...	30-Sep-11 0...		272.00h	272.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	440.00h
1312109005		Cavity String #9 Cavity Process & He Vs Weld	15-Aug-11 08:...	06-Sep-11 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	456.00h
1312109030		Cavity #65 VTA Run	25-Aug-11 08:...	31-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109035		Cavity #66 VTA Run	30-Aug-11 08:...	06-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109040		Cavity #67 VTA Run	02-Sep-11 08:...	09-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109045		Cavity #68 VTA Run	08-Sep-11 08:...	14-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109050		Cavity #69 VTA Run	13-Sep-11 08:...	19-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109055		Cavity #70 VTA Run	16-Sep-11 08:...	22-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109060		Cavity #71 VTA Run	21-Sep-11 08:...	27-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1312109065		Cavity #72 VTA Run	26-Sep-11 08:...	30-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	440.00h
1.3.1.2.1.10 CAVITY STRING #10 PREPARATION			04-Oct-11 08:...	16-Nov-11 0...		256.00h	256.00h	842.40h	$48,924.89	$0.00	$10,434.57	$59,359.46	368.00h
1312110005		Cavity String #10 Cavity Process & He Vs Weld	04-Oct-11 08:...	25-Oct-11 04...	0%	128.00h	128.00h	330.40h	$15,219.29	$0.00	$10,434.57	$25,653.86	368.00h
1312110030		Cavity #73 VTA Run	12-Oct-11 08:...	18-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110035		Cavity #74 VTA Run	17-Oct-11 08:...	21-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110040		Cavity #75 VTA Run	20-Oct-11 08:...	26-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110045		Cavity #76 VTA Run	25-Oct-11 08:...	31-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110050		Cavity #77 VTA Run	28-Oct-11 08:...	03-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110055		Cavity #78 VTA Run	02-Nov-11 08:...	08-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110060		Cavity #79 VTA Run	07-Nov-11 08:...	11-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1312110065		Cavity #80 VTA Run	10-Nov-11 08:...	16-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	368.00h
1.3.1.2.4 STRING ASSEMBLY			01-Nov-10 08:...	21-Feb-12 0...		2552.00h	2552.00h	12840.00h	$655,301.68	$0.00	$172,245.66	$827,547.34	-16.00h
1.3.1.2.4.01 CAVITY STRING ASSEMBLY #1			01-Nov-10 08:...	15-Nov-10 0...		88.00h	88.00h	1724.00h	$85,354.52	$0.00	$17,007.55	$102,362.07	296.00h
1312401000		Cavity String Assy #1	01-Nov-10 08:...	12-Nov-10 0...	0%	80.00h	80.00h	1724.00h	$85,354.52	$0.00	$17,007.55	$102,362.07	296.00h
1312401010		Transfer to CM #1 Assy	15-Nov-10 08:...	15-Nov-10 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
1.3.1.2.4.02 CAVITY STRING ASSEMBLY #2			22-Nov-10 08:...	07-Mar-11 0...		528.00h	528.00h	1484.00h	$74,196.92	$0.00	$17,007.55	$91,204.47	296.00h
1312402000		Cavity String Assy #2	22-Nov-10 08:...	07-Dec-10 0...	0%	80.00h	80.00h	1484.00h	$74,196.92	$0.00	$17,007.55	$91,204.47	296.00h
1312402010		Transfer to CM #2 Assy	07-Mar-11 08:...	07-Mar-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
1.3.1.2.4.03 CAVITY STRING ASSEMBLY #3			22-Mar-11 08:...	05-Apr-11 04...		88.00h	88.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	496.00h
1312403000		Cavity String Assy #3	22-Mar-11 08:...	04-Apr-11 04...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	496.00h
1312403010		Transfer to CM #3 Assy	05-Apr-11 08:...	05-Apr-11 04...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	496.00h
1.3.1.2.4.04 CAVITY STRING ASSEMBLY #4			03-May-11 08:...	17-May-11 0...		88.00h	88.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	504.00h
1312404000		Cavity String Assy #4	03-May-11 08:...	16-May-11 0...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	504.00h
1312404010		Transfer to CM #4 Assy	17-May-11 08:...	17-May-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	504.00h
1.3.1.2.4.05 CAVITY STRING ASSEMBLY #5			25-May-11 08:...	09-Jun-11 04...		88.00h	88.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	784.00h
1312405000		Cavity String Assy #5	25-May-11 08:...	08-Jun-11 04...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	496.00h



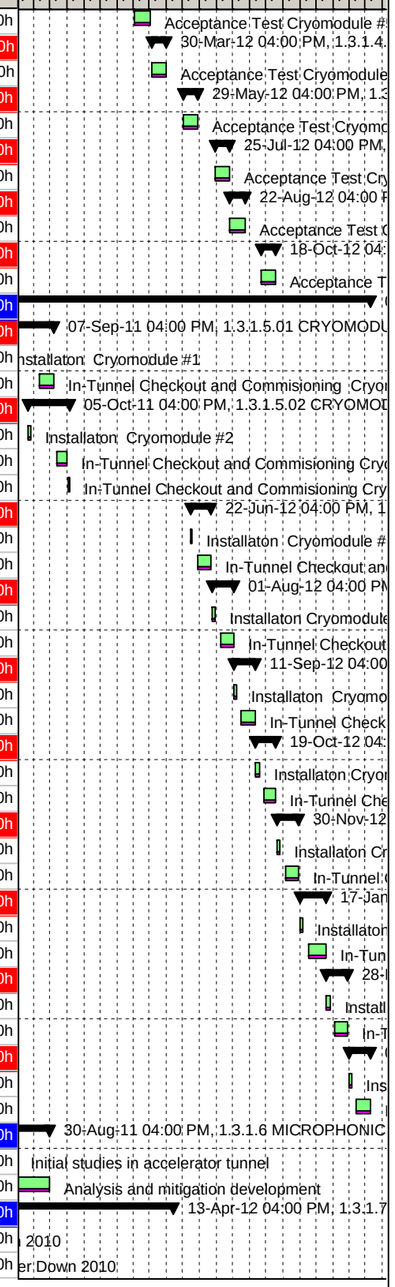
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1312405010		Transfer to CM #5 Assy	09-Jun-11 08:...	09-Jun-11 04...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	784.00h
1.3.1.2.4.06 CAVITY STRING ASSEMBLY #6			17-Jun-11 08:...	21-Nov-11 0...		880.00h	880.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	-16.00h
1312406000		Cavity String Assy #6	17-Jun-11 08:...	30-Jun-11 04...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	776.00h
1312406010		Transfer to CM #6 Assy	21-Nov-11 08:...	21-Nov-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-16.00h
1.3.1.2.4.07 CAVITY STRING ASSEMBLY #7			30-Nov-11 08:...	14-Dec-11 0...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312407000		Cavity String Assy #7	30-Nov-11 08:...	13-Dec-11 0...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312407010		Transfer to CM #7 Assy	14-Dec-11 08:...	14-Dec-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-16.00h
1.3.1.2.4.08 CAVITY STRING ASSEMBLY #8			21-Dec-11 08:...	12-Jan-12 04...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312408000		Cavity String Assy #8	21-Dec-11 08:...	11-Jan-12 04...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312408010		Transfer to CM #8 Assy	12-Jan-12 08:...	12-Jan-12 04...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-16.00h
1.3.1.2.4.09 CAVITY STRING ASSEMBLY #9			20-Jan-12 08:...	03-Feb-12 0...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312409000		Cavity String Assy #9	20-Jan-12 08:...	02-Feb-12 0...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312409010		Transfer to CM #9 Assy	03-Feb-12 08:...	03-Feb-12 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-16.00h
1.3.1.2.4.10 CAVITY STRING ASSEMBLY #10			06-Feb-12 08:...	21-Feb-12 0...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312410000		Cavity String Assy #10	06-Feb-12 08:...	17-Feb-12 0...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	-16.00h
1312410010		Transfer to CM #10 Assy	21-Feb-12 08:...	21-Feb-12 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-16.00h
1.3.1.3 CRYOMODULE ASSEMBLY			16-Nov-10 08:...	20-Sep-12 0...		3656.00h	3656.00h	10392.00h	$1,848,110.08	$0.00	$210,330.16	$2,058,440.24	800.00h
1.3.1.3.01 SPACE FRAME ASSEMBLY			16-Nov-10 08:...	22-Aug-12 0...		3496.00h	3496.00h	10196.00h	$921,386.32	$0.00	$104,835.90	$1,026,222.22	800.00h
131301001		Space Frame Assy #1	16-Nov-10 08:...	21-Jan-11 04...	0%	320.00h	320.00h	2560.00h	$125,732.00	$0.00	$10,319.00	$136,051.00	496.00h
131301002		Space Frame Assy #2	08-Mar-11 08:...	25-Apr-11 04...	0%	280.00h	280.00h	2200.00h	$101,621.60	$0.00	$10,319.00	$111,940.60	296.00h
131301003		Space Frame Assy #3	06-Apr-11 08:...	17-May-11 0...	0%	240.00h	240.00h	2080.00h	$93,477.60	$0.00	$10,319.00	$103,796.60	496.00h
131301004		Space Frame Assy #4	15-Jun-11 08:...	27-Jul-11 04:...	0%	240.00h	240.00h	1908.00h	$83,887.36	$0.00	$10,319.00	$94,206.36	352.00h
131301005		Space Frame Assy #5	30-Jun-11 08:...	11-Aug-11 0...	0%	240.00h	240.00h	1908.00h	$83,887.36	$0.00	$10,319.00	$94,206.36	744.00h
131301006		Space Frame Assy #6	22-Nov-11 08:...	27-Jan-12 04...	0%	320.00h	320.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	176.00h
131301007		Space Frame Assy #7	03-Feb-12 08:...	30-Mar-12 0...	0%	320.00h	320.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	904.00h
131301008		Space Frame Assy #8	03-Apr-12 08:...	29-May-12 0...	0%	320.00h	320.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	800.00h
131301009		Space Frame Assy #9	01-May-12 08:...	27-Jun-12 04...	0%	320.00h	320.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	896.00h
131301010		Space Frame Assy #10	28-Jun-12 08:...	22-Aug-12 0...	0%	320.00h	320.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	800.00h
1.3.1.3.02 CRYOMODULE ASSEMBLY			24-Jan-11 08:...	20-Sep-12 0...		3336.00h	3336.00h	10196.00h	$926,723.76	$0.00	$105,494.26	$1,032,218.02	800.00h
131302001		Cryomodule Assy #1	24-Jan-11 08:...	21-Mar-11 0...	0%	320.00h	320.00h	2560.00h	$125,732.00	$0.00	$10,319.00	$136,051.00	496.00h
131302002		Cryomodule Assy #2	26-Apr-11 08:...	14-Jun-11 04...	0%	280.00h	280.00h	2200.00h	$101,621.60	$0.00	$10,319.00	$111,940.60	296.00h
131302003		Cryomodule Assy #3	18-May-11 08:...	29-Jun-11 04...	0%	240.00h	240.00h	2080.00h	$93,477.60	$0.00	$10,319.00	$103,796.60	496.00h
131302004		Cryomodule Assy #4	03-Oct-11 08:...	11-Nov-11 0...	0%	240.00h	240.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	-16.00h
131302005		Cryomodule Assy #5	05-Jan-12 08:...	02-Feb-12 0...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	-16.00h
131302006		Cryomodule Assy #6	30-Jan-12 08:...	27-Feb-12 0...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	176.00h
131302007		Cryomodule Assy #7	03-Apr-12 08:...	30-Apr-12 04...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	896.00h
131302008		Cryomodule Assy #8	30-May-12 08:...	27-Jun-12 04...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	800.00h
131302009		Cryomodule Assy #9	28-Jun-12 08:...	25-Jul-12 04:...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	896.00h
131302010		Cryomodule Assy #10	23-Aug-12 08:...	20-Sep-12 0...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	800.00h
1.3.1.4 CRYOMODULE ACCEPTANCE TEST			22-Mar-11 08:...	18-Oct-12 04...		3176.00h	3176.00h	7820.00h	$497,379.40	$0.00	$52,911.72	$550,291.12	800.00h
1.3.1.4.01 CRYOMODULE ACCEPTANCE TEST #1			22-Mar-11 08:...	25-Apr-11 04...		200.00h	200.00h	1160.00h	$78,986.80	$0.00	$5,159.50	$84,146.30	576.00h
131401000		Acceptance Test Cryomodule #1	22-Mar-11 08:...	25-Apr-11 04...	0%	200.00h	200.00h	1160.00h	$78,986.80	$0.00	$5,159.50	$84,146.30	576.00h
1.3.1.4.02 CRYOMODULE ACCEPTANCE TEST #2			15-Jun-11 08:...	20-Jul-11 04:...		200.00h	200.00h	900.00h	$59,039.00	$0.00	$5,159.50	$64,198.50	296.00h
131402000		Acceptance Test Cryomodule #2	15-Jun-11 08:...	20-Jul-11 04:...	0%	200.00h	200.00h	900.00h	$59,039.00	$0.00	$5,159.50	$64,198.50	296.00h
1.3.1.4.03 CRYOMODULE ACCEPTANCE TEST #3			01-Nov-11 08:...	07-Dec-11 0...		200.00h	200.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	952.00h
131403000		Acceptance Test Cryomodule #3	01-Nov-11 08:...	07-Dec-11 0...	0%	200.00h	200.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	952.00h
1.3.1.4.04 CRYOMODULE ACCEPTANCE TEST #4			08-Dec-11 08:...	12-Jan-12 04...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	1016.00h
131404000		Acceptance Test Cryomodule #4	08-Dec-11 08:...	12-Jan-12 04...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	1016.00h
1.3.1.4.05 CRYOMODULE ACCEPTANCE TEST #5			03-Feb-12 08:...	02-Mar-12 0...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	968.00h



(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131405000		Acceptance Test Cryomodule #5	03-Feb-12 08:...	02-Mar-12 0...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	968.00h
1.3.1.4.06 CRYOMODULE ACCEPTANCE TEST #6			05-Mar-12 08:...	30-Mar-12 0...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	1032.00h
131406000		Acceptance Test Cryomodule #6	05-Mar-12 08:...	30-Mar-12 0...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	1032.00h
1.3.1.4.07 CRYOMODULE ACCEPTANCE TEST #7			01-May-12 08:...	29-May-12 0...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	928.00h
131407000		Acceptance Test Cryomodule #7	01-May-12 08:...	29-May-12 0...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	928.00h
1.3.1.4.08 CRYOMODULE ACCEPTANCE TEST #8			28-Jun-12 08:...	25-Jul-12 04:...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	832.00h
131408000		Acceptance Test Cryomodule #8	28-Jun-12 08:...	25-Jul-12 04:...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	832.00h
1.3.1.4.09 CRYOMODULE ACCEPTANCE TEST #9			26-Jul-12 08:0...	22-Aug-12 0...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	896.00h
131409000		Acceptance Test Cryomodule #9	26-Jul-12 08:0...	22-Aug-12 0...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	896.00h
1.3.1.4.10 CRYOMODULE ACCEPTANCE TEST #10			21-Sep-12 08:...	18-Oct-12 04...		160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	800.00h
131410000		Acceptance Test Cryomodule #10	21-Sep-12 08:...	18-Oct-12 04...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	800.00h
1.3.1.5 CRYOMODULE INSTALLATION AND TEST			23-May-11 08:...	09-Apr-13 04...		3728.00h	3728.00h	7408.00h	$451,716.18	$0.00	$52,939.15	$504,655.33	120.00h
1.3.1.5.01 CRYOMODULE #1 INSTALLATION AND TEST			23-May-11 08:...	07-Sep-11 0...		600.00h	600.00h	760.00h	$45,254.80	$0.00	$5,159.50	$50,414.30	152.00h
131501000		Installaton Cryomodule #1	23-May-11 08:...	27-May-11 0...	0%	40.00h	40.00h	40.00h	$1,722.80	$0.00	$0.00	$1,722.80	480.00h
131501005		In-Tunnel Checkout and Commisioning Cryomodu...	12-Aug-11 08:...	07-Sep-11 0...	0%	144.00h	144.00h	720.00h	$43,532.00	$0.00	$5,159.50	$48,691.50	152.00h
1.3.1.5.02 CRYOMODULE #2 INSTALLATION AND TEST			21-Jul-11 08:0...	05-Oct-11 04...		432.00h	432.00h	760.00h	$45,486.02	$0.00	$5,186.93	$50,672.95	96.00h
131502000		Installaton Cryomodule #2	21-Jul-11 08:0...	27-Jul-11 04:...	0%	40.00h	40.00h	40.00h	$1,722.80	$0.00	$0.00	$1,722.80	296.00h
131502005		In-Tunnel Checkout and Commisioning Cryomodul...	12-Sep-11 08:...	30-Sep-11 0...	0%	120.00h	120.00h	599.99h	$36,275.94	$0.00	$4,299.58	$40,575.52	96.00h
131502005a		In-Tunnel Checkout and Commisioning Cryomodul...	03-Oct-11 08:...	05-Oct-11 04...	0%	24.00h	24.00h	120.01h	$7,487.28	$0.00	$887.35	$8,374.63	96.00h
1.3.1.5.03 CRYOMODULE #3 INSTALLATION AND TEST			14-May-12 08:...	22-Jun-12 04...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131503000		Installaton Cryomodule #3	14-May-12 08:...	18-May-12 0...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131503005		In-Tunnel Checkout and Commisioning Cryomodul...	29-May-12 08:...	22-Jun-12 04...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.04 CRYOMODULE #4 INSTALLATION AND TEST			25-Jun-12 08:...	01-Aug-12 0...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131504000		Installaton Cryomodule #4	25-Jun-12 08:...	29-Jun-12 04...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131504005		In-Tunnel Checkout and Commisioning Cryomodul...	09-Jul-12 08:0...	01-Aug-12 0...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.05 CRYOMODULE #5 INSTALLATION AND TEST			02-Aug-12 08:...	11-Sep-12 0...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131505000		Installaton Cryomodule #5	02-Aug-12 08:...	08-Aug-12 0...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131505005		In-Tunnel Checkout and Commisioning Cryomodul...	16-Aug-12 08:...	11-Sep-12 0...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.06 CRYOMODULE #6 INSTALLATION AND TEST			12-Sep-12 08:...	19-Oct-12 04...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131506000		Installaton Cryomodule #6	12-Sep-12 08:...	18-Sep-12 0...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131506005		In-Tunnel Checkout and Commisioning Cryomodul...	26-Sep-12 08:...	19-Oct-12 04...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.07 CRYOMODULE #7 INSTALLATION AND TEST			22-Oct-12 08:...	30-Nov-12 0...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131507000		Installaton Cryomodule #7	22-Oct-12 08:...	26-Oct-12 04...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131507005		In-Tunnel Checkout and Commisioning Cryomodul...	05-Nov-12 08:...	30-Nov-12 0...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.08 CRYOMODULE #8 INSTALLATION AND TEST			03-Dec-12 08:...	17-Jan-13 04...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131508000		Installaton Cryomodule #8	03-Dec-12 08:...	07-Dec-12 0...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131508005		In-Tunnel Checkout and Commisioning Cryomodul...	17-Dec-12 08:...	17-Jan-13 04...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.09 CRYOMODULE #9 INSTALLATION AND TEST			18-Jan-13 08:...	28-Feb-13 0...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131509000		Installaton Cryomodule #9	18-Jan-13 08:...	25-Jan-13 04...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131509005		In-Tunnel Checkout and Commisioning Cryomodul...	04-Feb-13 08:...	28-Feb-13 0...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.10 CRYOMODULE #10 INSTALLATION AND TEST			01-Mar-13 08:...	09-Apr-13 04...		224.00h	224.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131510000		Installaton Cryomodule #10	01-Mar-13 08:...	07-Mar-13 0...	0%	40.00h	40.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131510005		In-Tunnel Checkout and Commisioning Cryomodul...	15-Mar-13 08:...	09-Apr-13 04...	0%	144.00h	144.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.6 MICROPHONICS			01-Jun-11 08:...	30-Aug-11 0...		512.00h	512.00h	4454.87h	$249,999.76	$0.00	$0.00	$249,999.76	176.00h
1316005		Initial studies in accelerator tunnel	01-Jun-11 08:...	30-Jun-11 04...	0%	176.00h	176.00h	2321.07h	$124,999.56	$0.00	$0.00	$124,999.56	176.00h
1316010		Analysis and mitigation development	24-Jun-11 08:...	30-Aug-11 0...	0%	376.00h	376.00h	2133.80h	$125,000.19	$0.00	$0.00	$125,000.19	176.00h
1.3.1.7 TEDF INTERFACE			10-Aug-10 08:...	13-Apr-12 04...		3320.00h	3320.00h	0.00h	$0.00	$0.00	$0.00	$0.00	824.00h
1317000		TEDF Summer Down 2010	10-Aug-10 08:...	09-Sep-10 0...	0%	176.00h	176.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
1317005		TEDF Winter Down 2010	20-Dec-10 08:...	14-Jan-11 04...	0%	112.00h	112.00h	0.00h	$0.00	$0.00	$0.00	$0.00	376.00h

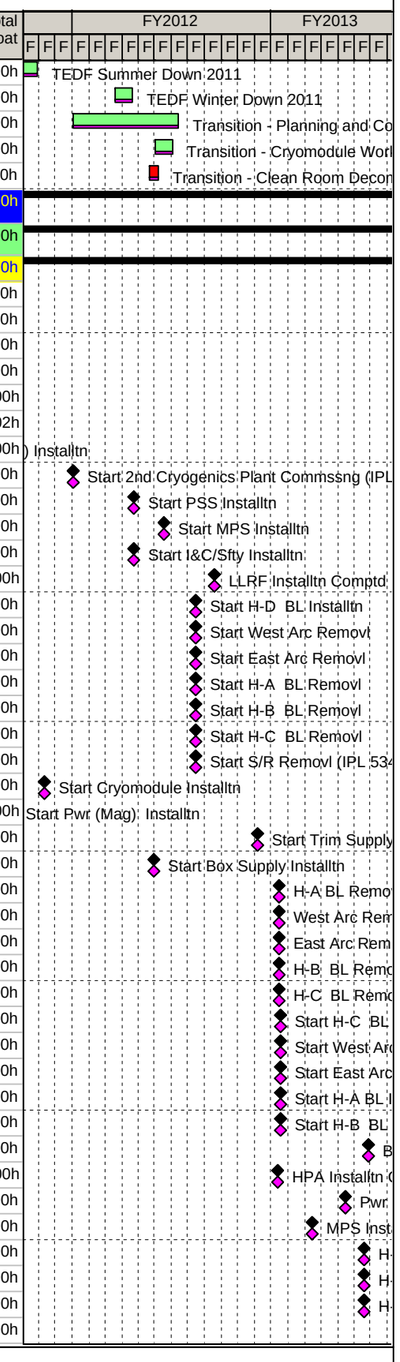


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: WBS.

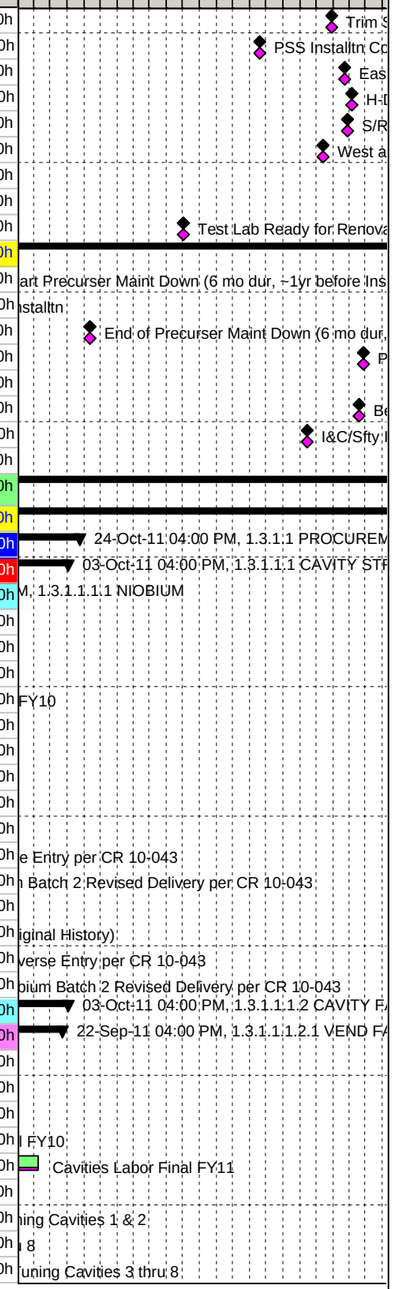
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1317010		TEDF Summer Down 2011	01-Jul-11 08:0...	29-Jul-11 04:...	0%	160.00h	160.00h	0.00h	$0.00	$0.00	$0.00	$0.00	368.00h
1317015		TEDF Winter Down 2011	19-Dec-11 08:...	20-Jan-12 04...	0%	144.00h	144.00h	0.00h	$0.00	$0.00	$0.00	$0.00	632.00h
1317020		Transition - Planning and Coordination	03-Oct-11 08:...	13-Apr-12 04...	0%	1040.00h	1040.00h	0.00h	$0.00	$0.00	$0.00	$0.00	824.00h
1317025		Transition - Cryomodule Work Center	01-Mar-12 08:...	02-Apr-12 04...	0%	184.00h	184.00h	0.00h	$0.00	$0.00	$0.00	$0.00	800.00h
1317030		Transition - Clean Room Decommisioning	22-Feb-12 08:...	06-Mar-12 0...	0%	80.00h	80.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-16.00h
COSTED BL12-018 12 GeV CR11-059,12-001A-D, 05, 02, 03,07-01...			02-Jan-09 08:00 AM	25-Oct-13 08:00 AM		9584.00h	9584.00h	16090.91h	$6,082,275.62	$15,620,744.39	$941,166.17	$22,644,186.18	144.00h
1.M MILESTONES			21-Apr-09 08:...	25-Oct-13 08...		8984.00h	8984.00h	0.00h	$0.00	$0.00	$0.00	$0.00	144.00h
1.03A LEVEL 3 ACCELERATOR MILESTONES			21-Apr-09 08:...	25-Oct-13 08...		8984.00h	8984.00h	0.00h	$0.00	$0.00	$0.00	$0.00	144.00h
32-01M		Award Initial Major Acc contract	21-Apr-09 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	-296.00h
32-02M		Vendor Dsgn Review of 4K Coldbox		29-Jan-10 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
32-03M		Start Accel Component Assy	18-Mar-10 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	576.00h
32-05M		Start Accel Beam Commssng	25-Oct-13 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	144.00h
3A-01M		Start Linac Installtn	01-Oct-09 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	3448.00h
3A-02M		Start LLRF Installtn	01-Oct-10 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1288.02h
3A-03M	12-018F	Start Pwr (rf) Installtn	04-Jan-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1728.00h
3A-04M		Start 2nd Cryogenics Plant Commssng (IPL 53311...	03-Oct-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	320.00h
3A-07M		Start PSS Installtn	23-Jan-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	48.00h
3A-08M		Start MPS Installtn	19-Mar-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	216.00h
3A-09M		Start I&C/Sfty Installtn	23-Jan-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	48.00h
3A-10M		LLRF Installtn Comptd		19-Jun-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1368.00h
3A-12M		Start H-D BL Installtn	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-13M		Start West Arc Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-14M		Start East Arc Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-16M		Start H-A BL Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-17M		Start H-B BL Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-18M		Start H-C BL Removl	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-19M		Start S/R Removl (IPL 53417004M, 53417070M, 5...	14-May-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	256.00h
3A-20M		Start Cryomodule Installtn	12-Aug-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	664.00h
3A-21M		Start Pwr (Mag) Installtn	13-Jun-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2520.00h
3A-22M		Start Trim Supply Installtn	06-Sep-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	56.00h
3A-23M		Start Box Supply Installtn	29-Feb-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	480.00h
3A-28M		H-A BL Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-29M		West Arc Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-30M		East Arc Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-31M		H-B BL Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-32M		H-C BL Removl Comptd		16-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-33M		Start H-C BL Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-34M		Start West Arc Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-36M		Start East Arc Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-37M		Start H-A BL Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-38M		Start H-B BL Installtn	17-Oct-12 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	88.00h
3A-39M		Box Supply Installtn Comptd		27-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	16.00h
3A-40M		HPA Installtn Comptd		12-Oct-12 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1056.00h
3A-41M		Pwr (rf) Installtn Comptd		14-Feb-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	416.00h
3A-42M		MPS Installtn Comptd		14-Dec-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	216.00h
3A-43M	12-018F	H-A BL Installtn Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	976.00h
3A-44M	12-018F	H-B BL Installtn Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	976.00h
3A-46M	12-018F	H-C BL Installtn Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	976.00h
3A-47M	12-018	Cryomodule Installtn Comptd		09-Aug-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	120.00h



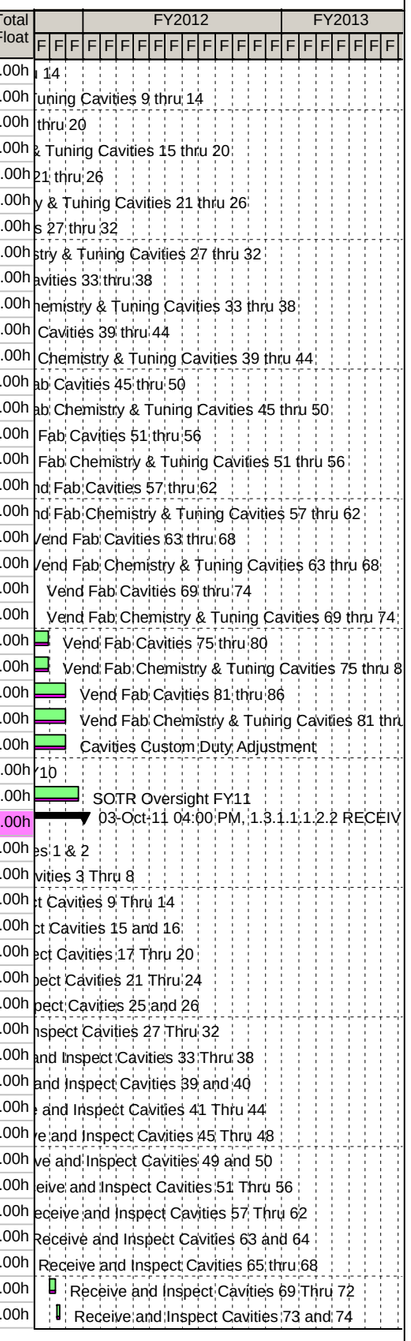
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
3A-48M		Trim Supply Installtn Comptd		28-Jan-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	24.00h
3A-49M		PSS Installtn Comptd		19-Sep-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1368.00h
3A-52M		East arc Installtn Comptd (IPL 534211000M, 5342...		22-Feb-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	376.00h
3A-53M	12-018F	H-D BL Installtn Comptd		06-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1064.00h
3A-54M		S/R Installtn Comptd (IPL 53411000M, 53411005...		26-Feb-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	360.00h
3A-56M		West arc Installtn Comptd (IPL 534212005M, 5342...		14-Jan-13 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	592.00h
3A-57M	12-018	Accel Installtn Comptd		09-Aug-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	184.00h
3A-58M		End of Long Accel Constr Down		13-Sep-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
3A-59M	12-018	Test Lab Ready for Renovation		01-May-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1.04A LEVEL 4 ACCELERATOR MILESTONES			04-Jan-11 08:...	13-Sep-13 0...		5376.00h	5376.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
4A-01M		Start Precurser Maint Down (6 mo dur, ~1yr before...	13-May-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
4A-03M		Start HPA Installtn	04-Jan-11 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1344.00h
4A-04M		End of Precurser Maint Down (6 mo dur, ~1 yr bef...		11-Nov-11 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
4A-06M	12-018F	Pwr (Mag) Installtn Comptd		27-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	944.00h
4A-07M	12-018	Linac Installtn Comptd		09-Aug-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	184.00h
4A-08M	12-018F	Beam Transport Comptd		21-Mar-13 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	976.00h
4A-09M	12-018F	I&C/Sfty Installtn Comptd		14-Dec-12 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1464.00h
4A-10M		Start Accel Hot Chkout (IPL 5212111100M, 52122...	13-Sep-13 08:...		0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1.3 CONSTRUCTION ACCELERATOR SYSTEMS			02-Jan-09 08:...	09-Aug-13 0...		9160.00h	9160.00h	16090.91h	$6,082,275.62	$15,620,744.39	$941,166.17	$22,644,186.18	184.00h
1.3.1 CRYOMODULES			02-Jan-09 08:...	09-Aug-13 0...		9160.00h	9160.00h	16090.91h	$6,082,275.62	$15,620,744.39	$941,166.17	$22,644,186.18	184.00h
1.3.1.1 PROCUREMENTS			02-Jan-09 08:...	24-Oct-11 04...		5608.00h	5608.00h	34752.04h	$1,904,888.89	$15,620,744.39	$351,329.01	$17,876,962.30	2856.00h
1.3.1.1.1 CAVITY STRING PROCUREMENTS			05-Jan-09 08:...	03-Oct-11 04...		5480.00h	5480.00h	18866.94h	$1,059,915.52	$7,959,656.56	$76,389.76	$9,095,961.84	1040.00h
1.3.1.1.1.1 NIOBIUM			05-Jan-09 08:...	30-Sep-10 0...		3488.00h	3488.00h	2136.00h	$129,066.83	$2,536,017.00	$15,895.52	$2,680,979.35	3032.00h
131111010	12-018F	Proc Niobium	05-Jan-09 08:...	05-Jan-09 04...	0%	8.00h	8.00h	56.00h	$2,778.16	$0.00	$0.00	$2,778.16	4216.00h
131111011	12-018F	Niobium Labor and Expenses Initial	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	384.00h	$26,445.04	$0.00	$2,487.39	$28,932.43	4216.00h
131111011LOE	12-018F	Niobium Labor and Expenses Final FY09	15-Jul-09 08:0...	30-Sep-09 0...	0%	440.00h	440.00h	34.08h	$2,313.31	$0.00	$514.22	$2,827.53	4216.00h
131111011LOEb	12-018F	Niobium Labor and Expenses Final FY10	01-Oct-09 08:...	03-Mar-10 0...	0%	800.00h	800.00h	61.92h	$4,337.12	$0.00	$964.79	$5,301.91	4216.00h
131111012	12-018F	Expenses Niobium Batch 1	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	0.00h	$0.00	$0.00	$2,294.62	$2,294.62	5704.00h
131111012A	12-018F	Vend Fab - Order Niobium	15-Jul-09 08:0...	10-Aug-09 0...	0%	152.00h	152.00h	0.00h	$0.00	$355,042.38	$0.00	$355,042.38	5304.00h
131111012B	12-018F	Vend Fab - Niobium Batch 1	15-Jul-09 08:0...	11-Nov-09 0...	0%	680.00h	680.00h	0.00h	$0.00	$634,004.25	$0.00	$634,004.25	4616.00h
131111013	12-018F	Expenses Niobium Batch 2	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	0.00h	$0.00	$0.00	$2,294.62	$2,294.62	5704.00h
131111013A	12-018F	Vend Fab - Niobium Batch 2	15-Jul-09 08:0...	11-Feb-10 0...	0%	1136.00h	1136.00h	0.00h	$0.00	$1,546,970.37	$0.00	$1,546,970.37	4240.00h
131111013B	12-018F	Vend Fab - Niobium Batch 2 Reverse Entry per C...	01-Mar-10 08:...	01-Mar-10 0...	0%	8.00h	8.00h	0.00h	$0.00	($1,546,970.37)	$0.00	($1,546,970.37)	4224.00h
131111013C	12-018F	Vend Fab - Niobium Batch 2 Revised Delivery per ...	01-Mar-10 08:...	30-Sep-10 0...	0%	1208.00h	1208.00h	0.00h	$0.00	$1,546,970.37	$0.00	$1,546,970.37	3032.00h
131111015	12-018F	Receive & Insp Niobium Batch 1	12-Nov-09 08:...	11-Dec-09 0...	0%	160.00h	160.00h	840.00h	$55,477.20	$0.00	$4,537.99	$60,015.19	4616.00h
131111020	12-018F	Receive & Insp Niobium Batch 2 (Original History)	12-Feb-10 08:...	26-Feb-10 0...	0%	80.00h	80.00h	380.00h	$18,858.00	$0.00	$1,400.95	$20,258.95	4240.00h
131111020A	12-018F	Receive & Insp Niobium Batch 2 Reverse Entry pe...	02-Mar-10 08:...	02-Mar-10 0...	0%	8.00h	8.00h	-380.00h	($18,858.00)	$0.00	($1,400.95)	($20,258.95)	4224.00h
131111020B	12-018F	Receive & Insp Niobium Batch 2 Revised Delivery ...	17-Sep-10 08:...	30-Sep-10 0...	0%	80.00h	80.00h	760.00h	$37,716.00	$0.00	$2,801.90	$40,517.90	3032.00h
1.3.1.1.1.2 CAVITY FABRICATION			05-Jan-09 08:...	03-Oct-11 04...		5480.00h	5480.00h	9053.93h	$518,070.35	$4,381,370.94	$23,291.80	$4,922,733.09	1040.00h
1.3.1.1.1.2.1 VEND FAB CAVITIES			05-Jan-09 08:...	22-Sep-11 0...		5424.00h	5424.00h	1184.10h	$79,262.09	$4,381,370.94	$0.00	$4,460,633.03	1096.00h
1311121010	12-018F	Proc Cavity Fab	05-Jan-09 08:...	09-Jan-09 04...	0%	40.00h	40.00h	80.00h	$4,306.00	$0.00	$0.00	$4,306.00	1352.00h
1311121015	12-018F	Cavities Labor Initial	12-Jan-09 08:...	29-May-09 0...	0%	776.00h	776.00h	302.00h	$19,864.60	$0.00	$0.00	$19,864.60	1352.00h
1311121015LOE	12-018F	Cavities Labor Final FY09	15-Jul-09 08:0...	30-Sep-09 0...	0%	440.00h	440.00h	31.96h	$2,142.53	$0.00	$0.00	$2,142.53	1352.00h
1311121015LO	12-018F	Cavities Labor Final FY10	01-Oct-09 08:...	30-Sep-10 0...	0%	1984.00h	1984.00h	144.12h	$9,970.15	$0.00	$0.00	$9,970.15	1352.00h
1311121015LO	12-018F	Cavities Labor Final FY11	01-Oct-10 08:...	08-Aug-11 0...	0%	1680.00h	1680.00h	122.02h	$8,710.56	$0.00	$0.00	$8,710.56	1352.00h
1311121016		Vend Fab Cavities 1 & 2	15-Jul-09 08:0...	30-Jun-10 04...	0%	1912.00h	1912.00h	0.00h	$0.00	$83,288.00	$0.00	$83,288.00	424.00h
1311121017		Vend Fab Chemistry & Tuning Cavities 1 & 2	04-Jan-10 08:...	30-Jun-10 04...	0%	1000.00h	1000.00h	0.00h	$0.00	$17,441.56	$0.00	$17,441.56	424.00h
1311121020		Vend Fab Cavities 3 thru 8	15-Jul-09 08:0...	30-Jul-10 04:...	0%	2080.00h	2080.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	320.00h
1311121021		Vend Fab Chemistry & Tuning Cavities 3 thru 8	04-Jan-10 08:...	30-Jul-10 04:...	0%	1168.00h	1168.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	320.00h



(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1311121025		Vend Fab Cavities 9 thru 14	15-Jul-09 08:0...	30-Jul-10 04:...	0%	2080.00h	2080.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	640.00h
1311121026		Vend Fab Chemistry & Tuning Cavities 9 thru 14	04-Jan-10 08:...	30-Jul-10 04:...	0%	1168.00h	1168.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	640.00h
1311121030		Vend Fab Cavities 15 thru 20	15-Jul-09 08:0...	31-Aug-10 0...	0%	2256.00h	2256.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	584.00h
1311121031		Vend Fab Chemistry & Tuning Cavities 15 thru 20	04-Jan-10 08:...	31-Aug-10 0...	0%	1344.00h	1344.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	584.00h
1311121035	12-018F	Vend Fab Cavities 21 thru 26	15-Jul-09 08:0...	30-Sep-10 0...	0%	2424.00h	2424.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	1104.00h
1311121036	12-018F	Vend Fab Chemistry & Tuning Cavities 21 thru 26	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	1104.00h
1311121040	12-018F	Vend Fab Cavities 27 thru 32	15-Jul-09 08:0...	29-Oct-10 04...	0%	2592.00h	2592.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	1072.00h
1311121041	12-018F	Vend Fab Chemistry & Tuning Cavities 27 thru 32	04-Jan-10 08:...	29-Oct-10 04...	0%	1680.00h	1680.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	1072.00h
1311121045	12-018F	Vend Fab Cavities 33 thru 38	15-Jul-09 08:0...	30-Dec-10 0...	0%	2888.00h	2888.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	1040.00h
1311121046	12-018F	Vend Fab Chemistry & Tuning Cavities 33 thru 38	04-Jan-10 08:...	30-Dec-10 0...	0%	1976.00h	1976.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	1040.00h
1311121050	12-018F	Vend Fab Cavities 39 thru 44	15-Jul-09 08:0...	31-Jan-11 04...	0%	3048.00h	3048.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	1032.00h
1311121051	12-018F	Vend Fab Chemistry & Tuning Cavities 39 thru 44	04-Jan-10 08:...	31-Jan-11 04...	0%	2136.00h	2136.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	1032.00h
1311121055	12-018F	Vend Fab Cavities 45 thru 50	15-Jul-09 08:0...	28-Feb-11 0...	0%	3200.00h	3200.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	872.00h
1311121056	12-018F	Vend Fab Chemistry & Tuning Cavities 45 thru 50	04-Jan-10 08:...	28-Feb-11 0...	0%	2288.00h	2288.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	872.00h
1311121060	12-018F	Vend Fab Cavities 51 thru 56	15-Jul-09 08:0...	31-Mar-11 0...	0%	3384.00h	3384.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	888.00h
1311121061	12-018F	Vend Fab Chemistry & Tuning Cavities 51 thru 56	04-Jan-10 08:...	31-Mar-11 0...	0%	2472.00h	2472.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	888.00h
1311121065	12-018F	Vend Fab Cavities 57 thru 62	15-Jul-09 08:0...	29-Apr-11 04...	0%	3552.00h	3552.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	880.00h
1311121066	12-018F	Vend Fab Chemistry & Tuning Cavities 57 thru 62	04-Jan-10 08:...	29-Apr-11 04...	0%	2640.00h	2640.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	880.00h
1311121070	12-018F	Vend Fab Cavities 63 thru 68	15-Jul-09 08:0...	31-May-11 0...	0%	3720.00h	3720.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	840.00h
1311121071	12-018F	Vend Fab Chemistry & Tuning Cavities 63 thru 68	04-Jan-10 08:...	31-May-11 0...	0%	2808.00h	2808.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	840.00h
1311121075	12-018F	Vend Fab Cavities 69 thru 74	15-Jul-09 08:0...	30-Jun-11 04...	0%	3896.00h	3896.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	984.00h
1311121076	12-018F	Vend Fab Chemistry & Tuning Cavities 69 thru 74	04-Jan-10 08:...	30-Jun-11 04...	0%	2984.00h	2984.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	984.00h
1311121080	12-018F	Vend Fab Cavities 75 thru 80	15-Jul-09 08:0...	29-Jul-11 04:...	0%	4056.00h	4056.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	952.00h
1311121081	12-018F	Vend Fab Chemistry & Tuning Cavities 75 thru 80	04-Jan-10 08:...	29-Jul-11 04:...	0%	3144.00h	3144.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	952.00h
1311121085	12-018F	Vend Fab Cavities 81 thru 86	15-Jul-09 08:0...	31-Aug-11 0...	0%	4240.00h	4240.00h	0.00h	$0.00	$249,864.00	$0.00	$249,864.00	888.00h
1311121086	12-018F	Vend Fab Chemistry & Tuning Cavities 81 thru 86	04-Jan-10 08:...	31-Aug-11 0...	0%	3328.00h	3328.00h	0.00h	$0.00	$52,324.67	$0.00	$52,324.67	888.00h
1311121091	12-018F	Cavities Custom Duty Adjustment	01-Jul-10 08:0...	31-Aug-11 0...	0%	2328.00h	2328.00h	0.00h	$0.00	$50,000.00	$0.00	$50,000.00	840.00h
1311121096LOE	12-018F	SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	104.00h	$6,896.24	$0.00	$0.00	$6,896.24	1096.00h
1311121101LOE	12-018F	SOTR Oversight FY11	01-Oct-10 08:...	22-Sep-11 0...	0%	1936.00h	1936.00h	400.00h	$27,372.00	$0.00	$0.00	$27,372.00	1096.00h
1.3.1.1.1.2.2 RECEIVE AND INSPECT CAVITIES			11-Jun-10 08:...	03-Oct-11 04...		2616.00h	2616.00h	7869.83h	$438,808.26	$0.00	$23,291.80	$462,100.06	1040.00h
1311122005		Receive and Inspect Cavities 1 & 2	11-Jun-10 08:...	24-Jun-10 04...	0%	80.00h	80.00h	271.83h	$15,603.12	$0.00	$515.43	$16,118.56	424.00h
1311122010		Receive and Inspect Cavities 3 Thru 8	15-Jul-10 08:0...	04-Aug-10 0...	0%	120.00h	120.00h	738.00h	$41,137.08	$0.00	$1,546.29	$42,683.37	320.00h
1311122015		Receive and Inspect Cavities 9 Thru 14	10-Sep-10 08:...	30-Sep-10 0...	0%	120.00h	120.00h	618.00h	$34,712.28	$0.00	$1,546.29	$36,258.57	296.00h
1311122020		Receive and Inspect Cavities 15 and 16	01-Oct-10 08:...	07-Oct-10 04...	0%	40.00h	40.00h	206.00h	$11,939.68	$0.00	$531.87	$12,471.55	296.00h
1311122022	12-018F	Receive and Inspect Cavities 17 Thru 20	08-Oct-10 08:...	21-Oct-10 04...	0%	80.00h	80.00h	412.00h	$23,462.96	$0.00	$1,063.74	$24,526.70	856.00h
1311122025	12-018F	Receive and Inspect Cavities 21 Thru 24	22-Oct-10 08:...	04-Nov-10 0...	0%	80.00h	80.00h	392.00h	$21,272.76	$0.00	$1,063.74	$22,336.50	856.00h
1311122027	12-018F	Receive and Inspect Cavities 25 and 26	05-Nov-10 08:...	11-Nov-10 0...	0%	40.00h	40.00h	179.00h	$10,148.63	$0.00	$531.87	$10,680.50	864.00h
1311122030	12-018F	Receive and Inspect Cavities 27 Thru 32	12-Nov-10 08:...	06-Dec-10 0...	0%	120.00h	120.00h	537.00h	$30,445.89	$0.00	$1,595.62	$32,041.51	864.00h
1311122035	12-018F	Receive and Inspect Cavities 33 Thru 38	18-Jan-11 08:...	07-Feb-11 0...	0%	120.00h	120.00h	522.00h	$29,745.69	$0.00	$1,595.62	$31,341.31	864.00h
1311122065	12-018F	Receive and Inspect Cavities 39 and 40	08-Feb-11 08:...	14-Feb-11 0...	0%	40.00h	40.00h	174.00h	$9,915.23	$0.00	$531.87	$10,447.10	864.00h
1311122067	12-018F	Receive and Inspect Cavities 41 Thru 44	15-Feb-11 08:...	01-Mar-11 0...	0%	80.00h	80.00h	348.00h	$19,830.46	$0.00	$1,063.74	$20,894.20	896.00h
1311122070	12-018F	Receive and Inspect Cavities 45 Thru 48	07-Mar-11 08:...	18-Mar-11 0...	0%	80.00h	80.00h	348.00h	$19,830.46	$0.00	$1,063.74	$20,894.20	872.00h
1311122072	12-018F	Receive and Inspect Cavities 49 and 50	21-Mar-11 08:...	25-Mar-11 0...	0%	40.00h	40.00h	174.00h	$9,915.23	$0.00	$531.87	$10,447.10	904.00h
1311122075	12-018F	Receive and Inspect Cavities 51 Thru 56	30-Mar-11 08:...	19-Apr-11 04...	0%	120.00h	120.00h	522.00h	$29,745.69	$0.00	$1,595.62	$31,341.31	888.00h
1311122080	12-018F	Receive and Inspect Cavities 57 Thru 62	27-Apr-11 08:...	17-May-11 0...	0%	120.00h	120.00h	492.00h	$26,460.39	$0.00	$1,595.62	$28,056.01	880.00h
1311122085	12-018F	Receive and Inspect Cavities 63 and 64	25-May-11 08:...	01-Jun-11 04...	0%	40.00h	40.00h	164.00h	$8,820.13	$0.00	$531.87	$9,352.00	840.00h
1311122087	12-018F	Receive and Inspect Cavities 65 thru 68	02-Jun-11 08:...	15-Jun-11 04...	0%	80.00h	80.00h	318.00h	$17,173.46	$0.00	$1,063.74	$18,237.20	872.00h
1311122090	12-018F	Receive and Inspect Cavities 69 Thru 72	01-Aug-11 08:...	12-Aug-11 0...	0%	80.00h	80.00h	318.00h	$17,173.46	$0.00	$1,063.74	$18,237.20	784.00h
1311122092	12-018F	Receive and Inspect Cavities 73 and 74	15-Aug-11 08:...	19-Aug-11 0...	0%	40.00h	40.00h	159.00h	$8,586.73	$0.00	$531.87	$9,118.60	784.00h

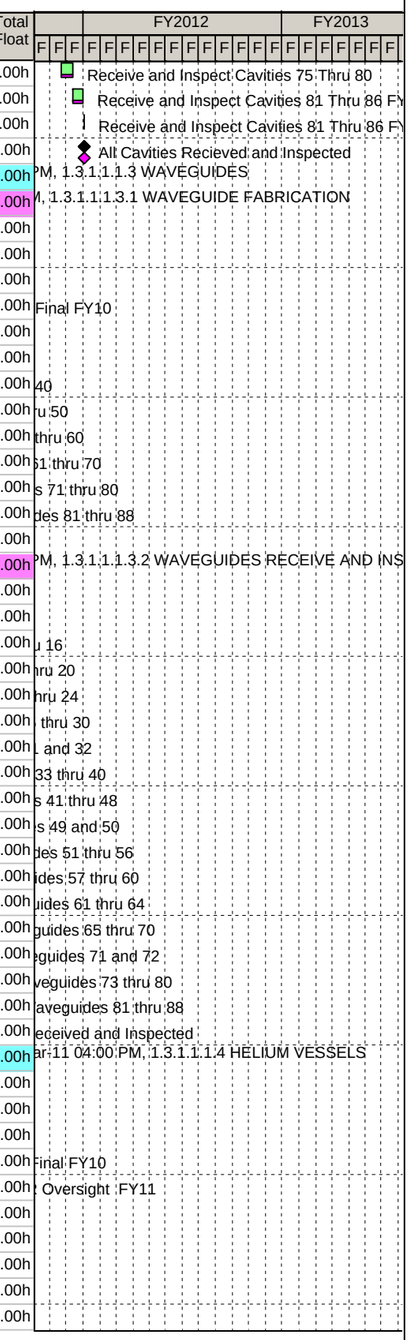


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: WBS.

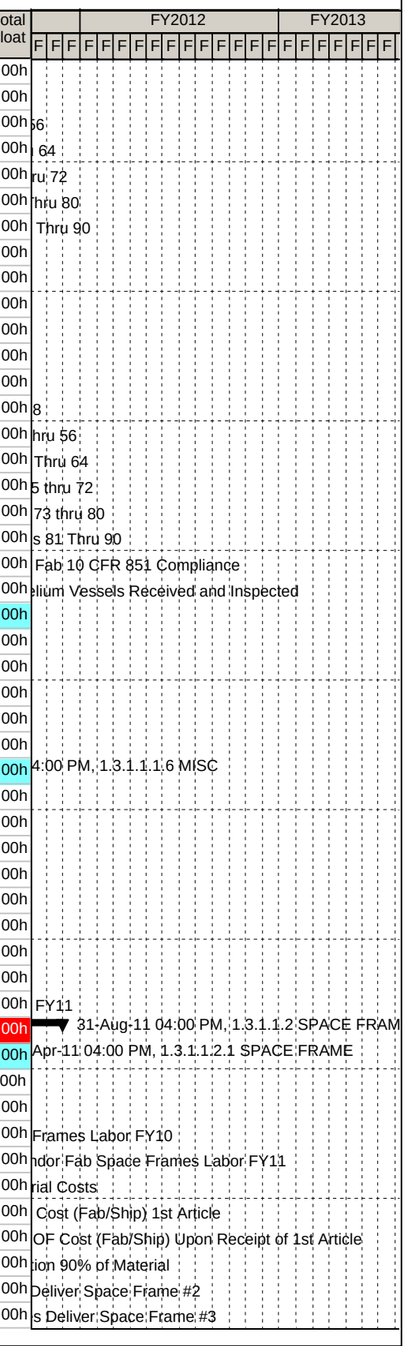
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1311122095	12-018F	Receive and Inspect Cavities 75 Thru 80	22-Aug-11 08:...	12-Sep-11 0...	0%	120.00h	120.00h	477.00h	$25,760.19	$0.00	$1,595.62	$27,355.81	784.00h
1311122100	12-018F	Receive and Inspect Cavities 81 Thru 86 FY11	13-Sep-11 08:...	30-Sep-11 0...	0%	112.00h	112.00h	466.66h	$25,266.12	$0.00	$1,985.67	$27,251.79	784.00h
1311122100a	12-018F	Receive and Inspect Cavities 81 Thru 86 FY12	03-Oct-11 08:...	03-Oct-11 04...	0%	8.00h	8.00h	33.34h	$1,862.62	$0.00	$146.35	$2,008.97	784.00h
1311122105M	12-018F	All Cavities Recieved and Inspected		03-Oct-11 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1040.00h
1.3.1.1.1.3 WAVEGUIDES			05-Jan-09 08:...	22-Oct-10 04...		3616.00h	3616.00h	3812.00h	$205,258.93	$461,666.00	$26,862.84	$693,787.76	2904.00h
1.3.1.1.1.3.1 WAVEGUIDE FABRICATION			05-Jan-09 08:...	01-Oct-10 04...		3496.00h	3496.00h	680.00h	$42,193.73	$461,666.00	$24,102.94	$527,962.67	3024.00h
1311131010	12-018F	Proc Waveguides	05-Jan-09 08:...	05-Jan-09 04...	0%	8.00h	8.00h	120.00h	$6,059.60	$0.00	$0.00	$6,059.60	2904.00h
1311131015	12-018F	Waveguides Labor Initial	06-Jan-09 08:...	29-May-09 0...	0%	808.00h	808.00h	280.00h	$17,855.60	$0.00	$17,855.60	$35,711.20	3032.00h
1311131015LOE	12-018F	Waveguides Labor Final FY09	01-Jun-09 08:...	30-Sep-09 0...	0%	688.00h	688.00h	72.10h	$4,597.82	$0.00	$1,571.38	$6,169.20	3032.00h
1311131015LO	12-018F	Waveguides Labor Final FY10	01-Oct-09 08:...	30-Sep-10 0...	0%	1984.00h	1984.00h	207.90h	$13,680.71	$0.00	$4,675.96	$18,356.67	3032.00h
1311131020		Vend Fab Waveguides 1 thru 10	01-Jun-09 08:...	15-Dec-09 0...	0%	1104.00h	1104.00h	0.00h	$0.00	$55,500.00	$0.00	$55,500.00	1872.00h
1311131025		Vend Fab Waveguides 11 thru 30	01-Jun-09 08:...	22-Feb-10 0...	0%	1432.00h	1432.00h	0.00h	$0.00	$111,000.00	$0.00	$111,000.00	1704.00h
1311131030	12-018F	Vend Fab Waveguides 31 thru 40	01-Jun-09 08:...	03-May-10 0...	0%	1832.00h	1832.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2576.00h
1311131035	12-018F	Vend Fab Waveguides 41 thru 50	01-Jun-09 08:...	01-Jun-10 04...	0%	1992.00h	1992.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2944.00h
1311131040	12-018F	Vend Fab Waveguides 51 thru 60	01-Jun-09 08:...	01-Jul-10 04:...	0%	2168.00h	2168.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2928.00h
1311131045	12-018F	Vend Fab Waveguides 61 thru 70	01-Jun-09 08:...	02-Aug-10 0...	0%	2336.00h	2336.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2924.00h
1311131050	12-018F	Vend Fab Waveguides 71 thru 80	01-Jun-09 08:...	01-Sep-10 0...	0%	2512.00h	2512.00h	0.00h	$0.00	$42,270.00	$0.00	$42,270.00	2912.00h
1311131055	12-018F	Vend Fab Waveguides 81 thru 88	01-Jun-09 08:...	01-Oct-10 04...	0%	2680.00h	2680.00h	0.00h	$0.00	$33,816.00	$0.00	$33,816.00	2904.00h
1311131060	12-018F	Exchange Rate	30-Jun-10 08:...	01-Oct-10 04...	0%	528.00h	528.00h	0.00h	$0.00	$50,000.00	$0.00	$50,000.00	2904.00h
1.3.1.1.1.3.2 WAVEGUIDES RECEIVE AND INSPECT			16-Dec-09 08:...	22-Oct-10 04...		1696.00h	1696.00h	3132.00h	$163,065.20	$0.00	$2,759.89	$165,825.09	2904.00h
1311132010		Receive & Insp Waveguides 1 thru 8	16-Dec-09 08:...	13-Jan-10 04...	0%	120.00h	120.00h	512.00h	$30,352.00	$0.00	$249.98	$30,601.98	1872.00h
1311132015		Receive & Insp Waveguides 9 & 10	14-Jan-10 08:...	21-Jan-10 04...	0%	40.00h	40.00h	128.00h	$7,588.00	$0.00	$63.18	$7,651.18	1872.00h
1311132020		Receive & Insp Waveguides 11 thru 16	23-Feb-10 08:...	15-Mar-10 0...	0%	120.00h	120.00h	312.00h	$19,002.00	$0.00	$187.34	$19,189.34	1704.00h
1311132025	12-018F	Receive & Insp Waveguides 17 Thru 20	16-Mar-10 08:...	29-Mar-10 0...	0%	80.00h	80.00h	208.00h	$12,668.00	$0.00	$124.98	$12,792.98	2576.00h
1311132030	12-018F	Receive & Insp Waveguides 21 thru 24	30-Mar-10 08:...	12-Apr-10 04...	0%	80.00h	80.00h	174.40h	$9,173.57	$0.00	$124.98	$9,298.55	2576.00h
1311132035	12-018F	Receive & Insp Waveguides 25 thru 30	13-Apr-10 08:...	03-May-10 0...	0%	120.00h	120.00h	261.60h	$13,760.35	$0.00	$187.34	$13,947.69	2576.00h
1311132040	12-018F	Receive & Insp Waveguides 31 and 32	04-May-10 08:...	10-May-10 0...	0%	40.00h	40.00h	59.20h	$2,865.65	$0.00	$63.18	$2,928.83	2576.00h
1311132045	12-018F	Receive & Insp Waveguides 33 thru 40	11-May-10 08:...	01-Jun-10 04...	0%	120.00h	120.00h	236.80h	$11,462.59	$0.00	$249.98	$11,712.57	2856.00h
1311132050	12-018F	Receive & Insp Waveguides 41 thru 48	02-Jun-10 08:...	22-Jun-10 04...	0%	120.00h	120.00h	198.40h	$8,933.95	$0.00	$249.98	$9,183.93	2944.00h
1311132055	12-018F	Receive & Insp Waveguides 49 and 50	23-Jun-10 08:...	29-Jun-10 04...	0%	40.00h	40.00h	49.60h	$2,233.49	$0.00	$63.18	$2,296.67	2944.00h
1311132060	12-018F	Receive & Insp Waveguides 51 thru 56	02-Jul-10 08:0...	21-Jul-10 04:...	0%	104.00h	104.00h	148.80h	$6,700.46	$0.00	$187.34	$6,887.81	2928.00h
1311132065	12-018F	Receive & Insp Waveguides 57 thru 60	22-Jul-10 08:0...	02-Aug-10 1...	0%	60.00h	60.00h	99.20h	$4,466.98	$0.00	$124.98	$4,591.96	2928.00h
1311132070	12-018F	Receive & Insp Waveguides 61 thru 64	03-Aug-10 08:...	12-Aug-10 0...	0%	64.00h	64.00h	99.20h	$4,466.98	$0.00	$124.98	$4,591.96	2924.00h
1311132075	12-018F	Receive & Insp Waveguides 65 thru 70	13-Aug-10 08:...	31-Aug-10 1...	0%	100.00h	100.00h	148.80h	$6,700.46	$0.00	$187.34	$6,887.81	2924.00h
1311132080	12-018F	Receive & Insp Waveguides 71 and 72	02-Sep-10 08:...	09-Sep-10 0...	0%	40.00h	40.00h	49.60h	$2,233.49	$0.00	$63.18	$2,296.67	2912.00h
1311132085	12-018F	Receive & Insp Waveguides 73 thru 80	10-Sep-10 08:...	30-Sep-10 0...	0%	120.00h	120.00h	198.40h	$8,933.95	$0.00	$249.98	$9,183.93	2912.00h
1311132090	12-018F	Receive & Insp Waveguides 81 thru 88	04-Oct-10 08:...	22-Oct-10 04...	0%	120.00h	120.00h	248.00h	$11,523.28	$0.00	$257.95	$11,781.23	2904.00h
1311132100M	12-018F	All Waveguides Received and Inspected		22-Oct-10 04...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2904.00h
1.3.1.1.1.4 HELIUM VESSELS			02-Mar-09 08:...	31-Mar-11 0...		4144.00h	4144.00h	1266.61h	$66,067.42	$495,417.21	$9,269.46	$570,754.09	1816.00h
131114010	12-018F	Proc Helium Vessels	02-Mar-09 08:...	29-May-09 0...	0%	512.00h	512.00h	60.00h	$3,029.80	$0.00	$0.00	$3,029.80	1816.00h
131114015	12-018F	Helium Vessels Labor Initial	29-May-09 08:...	01-Jun-09 04...	0%	16.00h	16.00h	0.00h	$0.00	$0.00	$39.07	$39.07	2128.00h
131114015LOE	12-018F	Helium Vessels Labor Final FY09	02-Jun-09 08:...	30-Sep-09 0...	0%	680.00h	680.00h	68.46h	$4,358.05	$0.00	$1,203.75	$5,561.80	2128.00h
131114015LOEb	12-018F	Helium Vessels Labor Final FY10	01-Oct-09 08:...	11-Aug-10 0...	0%	1704.00h	1704.00h	171.54h	$11,268.75	$0.00	$3,112.69	$14,381.43	2128.00h
131114015LOEc	12-018F	SOTR Oversight FY11	01-Oct-10 08:...	25-Mar-11 0...	0%	928.00h	928.00h	100.00h	$6,795.00	$0.00	$0.00	$6,795.00	1848.00h
131114016		Vend Fab - Helium Vessels 1 & 2	01-Jun-09 08:...	10-Aug-09 0...	0%	400.00h	400.00h	0.00h	$0.00	$4,898.16	$0.00	$4,898.16	2288.00h
131114017		Vend Fab - Helium Vessels 3 Thru 8	01-Jun-09 08:...	31-Aug-09 0...	0%	520.00h	520.00h	0.00h	$0.00	$14,694.48	$0.00	$14,694.48	2248.00h
131114020		Vend Fab - Helium Vessels 9 Thru 16	01-Jun-09 08:...	22-Sep-09 0...	0%	640.00h	640.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2328.00h
131114025	12-018F	Vend Fab - Helium Vessels 17 Thru 24	01-Jun-09 08:...	13-Oct-09 04...	0%	760.00h	760.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	2928.00h
131114030	12-018F	Vend Fab - Helium Vessels 25 Thru 32	01-Jun-09 08:...	03-Nov-09 0...	0%	880.00h	880.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3112.00h



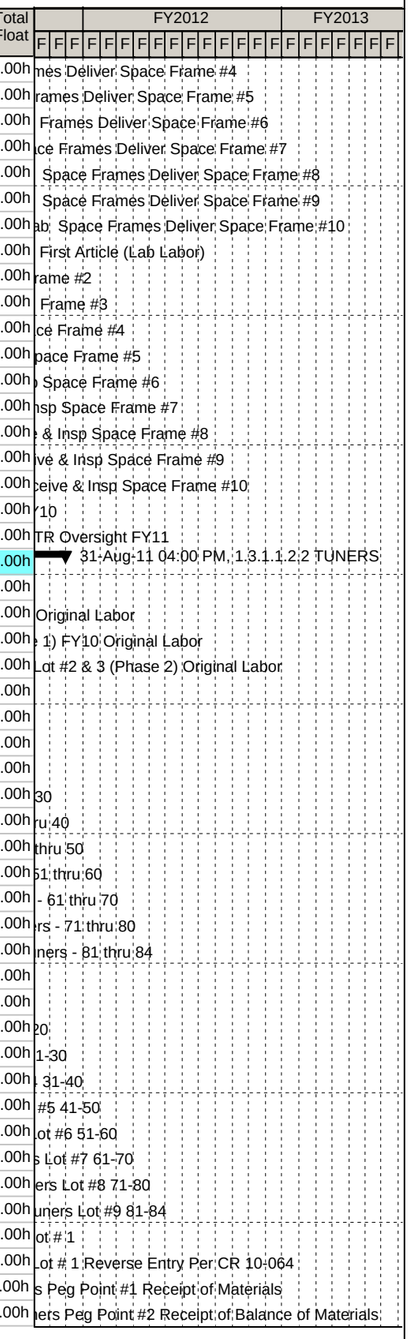
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131114035	12-018F	Vend Fab - Helium Vessels 33 Thru 40	01-Jun-09 08:...	24-Nov-09 0...	0%	1000.00h	1000.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3200.00h
131114040	12-018F	Vend Fab - Helium Vessels 41 Thru 48	01-Jun-09 08:...	17-Dec-09 0...	0%	1120.00h	1120.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3272.00h
131114045	12-018F	Vend Fab - Helium Vessels 49 Thru 56	01-Jun-09 08:...	16-Feb-10 0...	0%	1400.00h	1400.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3184.00h
131114050	12-018F	Vend Fab - Helium Vessels 57 Thru 64	01-Jun-09 08:...	09-Mar-10 0...	0%	1520.00h	1520.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3256.00h
131114055	12-018F	Vend Fab - Helium Vessels 65 Thru 72	01-Jun-09 08:...	30-Mar-10 0...	0%	1640.00h	1640.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3576.00h
131114060	12-018F	Vend Fab - Helium Vessels 73 Thru 80	01-Jun-09 08:...	20-Apr-10 04...	0%	1760.00h	1760.00h	0.00h	$0.00	$19,592.64	$0.00	$19,592.64	3608.00h
131114065	12-018F	Vend Fab - Helium Vessels 81 Thru 90	01-Jun-09 08:...	11-May-10 0...	0%	1880.00h	1880.00h	0.00h	$0.00	$24,490.81	$0.00	$24,490.81	3528.00h
131114070		Receive & Insp Helium Vessels 1 & 2	11-Aug-09 08:...	24-Aug-09 0...	0%	80.00h	80.00h	28.00h	$1,346.60	$0.00	$212.92	$1,559.52	2288.00h
131114075		Receive & Insp Helium Vessels 3 Thru 8	01-Sep-09 08:...	08-Sep-09 0...	0%	40.00h	40.00h	84.00h	$4,039.80	$0.00	$319.45	$4,359.25	2248.00h
131114080		Receive & Insp Helium Vessels 9 Thru 16	23-Sep-09 08:...	29-Sep-09 0...	0%	40.00h	40.00h	97.60h	$4,755.10	$0.00	$425.93	$5,181.03	2328.00h
131114085	12-018F	Receive & Insp Helium Vessels 17 thru 24	14-Oct-09 08:...	20-Oct-09 04...	0%	40.00h	40.00h	81.60h	$3,952.27	$0.00	$439.52	$4,391.79	2928.00h
131114090	12-018F	Receive & Insp Helium Vessels 25 Thru 32	04-Nov-09 08:...	10-Nov-09 0...	0%	40.00h	40.00h	82.61h	$4,018.78	$0.00	$439.52	$4,458.30	3112.00h
131114095	12-018F	Receive & Insp Helium Vessels 33 Thru 40	25-Nov-09 08:...	03-Dec-09 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3200.00h
131114100	12-018F	Receive & Insp Helium Vessels 41 thru 48	18-Dec-09 08:...	31-Dec-09 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3272.00h
131114105	12-018F	Receive & Insp Helium Vessels 49 Thru 56	17-Feb-10 08:...	23-Feb-10 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3184.00h
131114110	12-018F	Receive & Insp Helium Vessels 57 Thru 64	10-Mar-10 08:...	16-Mar-10 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3256.00h
131114115	12-018F	Receive & Insp Helium Vessels 65 thru 72	31-Mar-10 08:...	06-Apr-10 04...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3576.00h
131114120	12-018F	Receive & Insp Helium Vessels 73 thru 80	21-Apr-10 08:...	27-Apr-10 04...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3608.00h
131114125	12-018F	Receive & Insp Helium Vessels 81 Thru 90	12-May-10 08:...	18-May-10 0...	0%	40.00h	40.00h	70.40h	$3,214.75	$0.00	$439.52	$3,654.27	3528.00h
131114130	12-018F	Vend Fab 10 CFR 851 Compliance	01-Jul-10 08:0...	31-Mar-11 0...	0%	1472.00h	1472.00h	0.00h	$0.00	$275,000.00	$0.00	$275,000.00	1816.00h
131114130M	12-018F	All Helium Vessels Received and Inspected		31-Mar-11 0...	0%	0.00h	0.00h	0.00h	$0.00	$0.00	$0.00	$0.00	1816.00h
1.3.1.1.1.5 HARDWARE			02-Mar-09 08:...	02-Sep-09 0...		1048.00h	1048.00h	360.00h	$17,772.00	$37,268.62	$0.00	$55,040.62	4312.00h
131115010		Proc Hardware	02-Mar-09 08:...	01-May-09 0...	0%	360.00h	360.00h	80.00h	$4,306.00	$0.00	$0.00	$4,306.00	2848.00h
131115012		Vend Fab - Hardware (Phase 1)	01-May-09 08:...	12-Jun-09 04...	0%	240.00h	240.00h	60.00h	$2,962.00	$18,634.31	$0.00	$21,596.31	2848.00h
131115013	12-018F	Vend Fab - Hardware (Phase 2)	15-Jun-09 08:...	28-Jul-09 04:...	0%	248.00h	248.00h	60.00h	$2,962.00	$18,634.31	$0.00	$21,596.31	4312.00h
131115015		Receive & Insp Hardware (Phase 1)	29-Jun-09 08:...	21-Jul-09 04:...	0%	128.00h	128.00h	80.00h	$3,771.00	$0.00	$0.00	$3,771.00	2848.00h
131115016	12-018F	Receive & Insp Hardware (Phase 2)	12-Aug-09 08:...	02-Sep-09 0...	0%	128.00h	128.00h	80.00h	$3,771.00	$0.00	$0.00	$3,771.00	4312.00h
1.3.1.1.1.6 MISC			16-Mar-09 08:...	30-Dec-10 0...		3568.00h	3568.00h	2238.40h	$123,679.99	$47,916.80	$1,070.15	$172,666.94	1712.00h
131116010		Proc Misc	16-Mar-09 08:...	01-Jun-09 04...	0%	440.00h	440.00h	96.00h	$4,392.56	$0.00	$0.00	$4,392.56	2592.00h
131116012		Vend Fab - Misc (Phase 1)	01-Jun-09 08:...	11-Aug-09 0...	0%	408.00h	408.00h	60.00h	$2,962.00	$23,958.40	$532.41	$27,452.81	2592.00h
131116013	12-018F	Vend Fab - Misc (Phase 2) Labor FY09	12-Aug-09 08:...	30-Sep-09 0...	0%	280.00h	280.00h	41.19h	$2,033.41	$0.00	$365.38	$2,398.79	3896.00h
131116013b	12-018F	Vend Fab - Misc (Phase 2) Labor FY10	01-Oct-09 08:...	22-Oct-09 04...	0%	128.00h	128.00h	18.81h	$958.24	$0.00	$172.36	$1,130.60	3896.00h
131116013c	12-018F	Vend Fab - Misc (Phase 2) Procurement	12-Aug-09 08:...	22-Oct-09 04...	0%	408.00h	408.00h	0.00h	$0.00	$23,958.40	$0.00	$23,958.40	3896.00h
131116015		Receive & Insp Misc (Phase 1)	12-Aug-09 08:...	03-Sep-09 0...	0%	136.00h	136.00h	80.00h	$3,771.00	$0.00	$0.00	$3,771.00	2592.00h
131116016	12-018F	Receive & Insp Misc (Phase 2)	23-Oct-09 08:...	16-Nov-09 0...	0%	136.00h	136.00h	80.00h	$3,891.40	$0.00	$0.00	$3,891.40	3896.00h
131116020		QC Traveler FY10	01-Apr-10 08:...	30-Sep-10 0...	0%	1024.00h	1024.00h	942.40h	$53,632.58	$0.00	$0.00	$53,632.58	1008.00h
131116025		QC Traveler FY11	01-Oct-10 08:...	30-Dec-10 0...	0%	464.00h	464.00h	920.00h	$52,038.80	$0.00	$0.00	$52,038.80	1008.00h
1.3.1.1.2 SPACE FRAME PROCUREMENTS			02-Feb-09 08:...	31-Aug-11 0...		5152.00h	5152.00h	2660.00h	$147,240.32	$1,342,627.40	$68,210.82	$1,558,078.54	3152.00h
1.3.1.1.2.1 SPACE FRAME			02-Feb-09 08:...	29-Apr-11 04...		4464.00h	4464.00h	884.00h	$52,163.11	$375,579.00	$34,376.48	$462,118.59	3528.00h
131121010		Proc Space Frames	02-Feb-09 08:...	03-Aug-09 0...	0%	1024.00h	1024.00h	48.00h	$2,423.84	$0.00	$0.00	$2,423.84	152.00h
131121010ALOE	12-018F	Vendor Fab Space Frames Labor FY09	27-Aug-09 08:...	30-Sep-09 0...	0%	192.00h	192.00h	15.00h	$954.88	$0.00	$1,647.80	$2,602.68	3528.00h
131121010BLOE	12-018F	Vendor Fab Space Frames Labor FY10	01-Oct-09 08:...	30-Sep-10 0...	0%	1984.00h	1984.00h	159.10h	$10,451.56	$0.00	$18,228.84	$28,680.40	3528.00h
131121010CLOE	12-018F	Vendor Fab Space Frames Labor FY11	01-Oct-10 08:...	29-Apr-11 04...	0%	1128.00h	1128.00h	65.90h	$4,467.13	$0.00	$7,780.95	$12,248.08	3528.00h
131121011	12-018F	Vend Fab Space Frames 10% of Material Costs	27-Aug-09 08:...	29-Jan-10 04...	0%	816.00h	816.00h	0.00h	$0.00	$18,642.90	$0.00	$18,642.90	2192.00h
131121015	12-018F	Vend Fab Space Frames 50% OF Cost (Fab/Ship)...	27-Aug-09 08:...	29-Mar-10 0...	0%	1136.00h	1136.00h	0.00h	$0.00	$22,260.00	$0.00	$22,260.00	1872.00h
131121016	12-018F	Vend Fab Space Frames 50% OF Cost (Fab/Ship...	27-Aug-09 08:...	30-Apr-10 04...	0%	1328.00h	1328.00h	0.00h	$0.00	$22,260.00	$0.00	$22,260.00	1680.00h
131121016A	12-018F	Vend Fab Space Frames Production 90% of Mate...	27-Aug-09 08:...	31-Mar-10 0...	0%	1152.00h	1152.00h	0.00h	$0.00	$167,786.10	$0.00	$167,786.10	2728.00h
131121016B		Vend Fab Space Frames Deliver Space Frame #2	27-Aug-09 08:...	30-Jun-10 04...	0%	1664.00h	1664.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	1564.00h
131121016C	12-018F	Vend Fab Space Frames Deliver Space Frame #3	27-Aug-09 08:...	30-Jul-10 04:...	0%	1832.00h	1832.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2048.00h



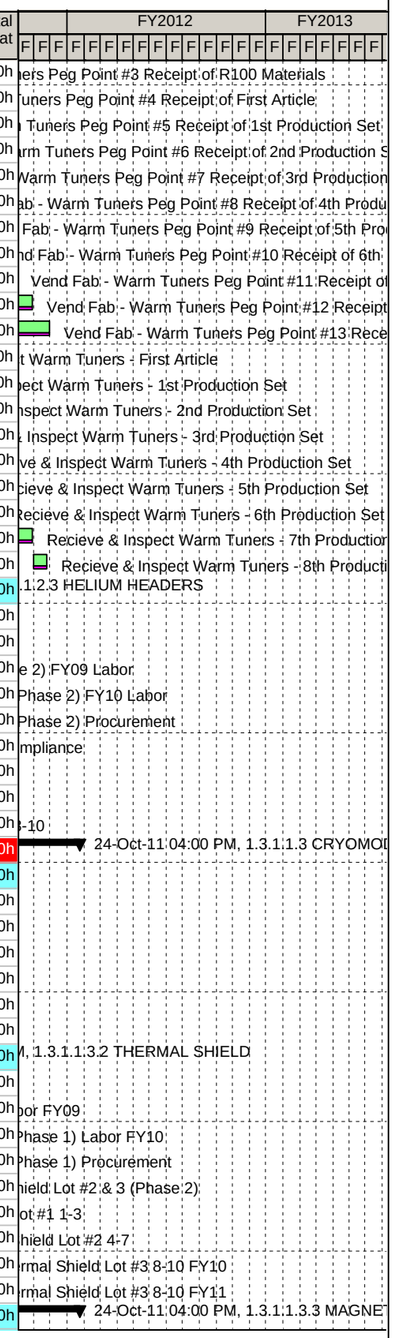
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131121016D	12-018F	Vend Fab Space Frames Deliver Space Frame #4	27-Aug-09 08:...	31-Aug-10 0...	0%	2008.00h	2008.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2072.00h
131121016F	12-018F	Vend Fab Space Frames Deliver Space Frame #5	27-Aug-09 08:...	30-Sep-10 0...	0%	2176.00h	2176.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2344.00h
131121016G	12-018F	Vend Fab Space Frames Deliver Space Frame #6	27-Aug-09 08:...	29-Oct-10 04...	0%	2344.00h	2344.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	2760.00h
131121016H	12-018F	Vend Fab Space Frames Deliver Space Frame #7	27-Aug-09 08:...	30-Nov-10 0...	0%	2504.00h	2504.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3152.00h
131121016J	12-018F	Vend Fab Space Frames Deliver Space Frame #8	27-Aug-09 08:...	31-Jan-11 04...	0%	2800.00h	2800.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3328.00h
131121016K	12-018F	Vend Fab Space Frames Deliver Space Frame #9	27-Aug-09 08:...	31-Jan-11 04...	0%	2800.00h	2800.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3692.00h
131121016L	12-018F	Vend Fab Space Frames Deliver Space Frame #10	27-Aug-09 08:...	28-Feb-11 0...	0%	2952.00h	2952.00h	0.00h	$0.00	$16,070.00	$0.00	$16,070.00	3720.00h
131121020	12-018F	Receive & Insp Space Frame First Article (Lab Lab...	03-May-10 08:...	28-May-10 0...	0%	160.00h	160.00h	62.40h	$3,208.88	$0.00	$659.27	$3,868.15	1680.00h
131121021		Receive & Insp Space Frame #2	01-Jul-10 08:0...	29-Jul-10 04:...	0%	160.00h	160.00h	49.92h	$2,567.11	$0.00	$659.27	$3,226.38	1564.00h
131121022	12-018F	Receive & Insp Space Frame #3	02-Aug-10 08:...	27-Aug-10 0...	0%	160.00h	160.00h	41.60h	$2,139.26	$0.00	$659.27	$2,798.53	2048.00h
131121025	12-018F	Receive & Insp Space Frame #4	01-Sep-10 08:...	29-Sep-10 0...	0%	160.00h	160.00h	37.44h	$1,925.33	$0.00	$659.27	$2,584.60	2072.00h
131121026	12-018F	Receive & Insp Space Frame #5	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	2344.00h
131121027	12-018F	Receive & Insp Space Frame #6	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	2760.00h
131121028	12-018F	Receive & Insp Space Frame #7	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3152.00h
131121029	12-018F	Receive & Insp Space Frame #8	01-Feb-11 08:...	01-Mar-11 0...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3328.00h
131121030	12-018F	Receive & Insp Space Frame #9	02-Mar-11 08:...	29-Mar-11 0...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3532.00h
131121035	12-018F	Receive & Insp Space Frame #10	30-Mar-11 08:...	26-Apr-11 04...	0%	160.00h	160.00h	37.44h	$1,986.69	$0.00	$680.30	$2,666.99	3552.00h
131121040LOE	12-018F	SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	60.00h	$3,951.00	$0.00	$0.00	$3,951.00	3552.00h
131121045LOE	12-018F	SOTR Oversight FY11	01-Oct-10 08:...	26-Apr-11 04...	0%	1104.00h	1104.00h	120.00h	$8,154.00	$0.00	$0.00	$8,154.00	3552.00h
1.3.1.1.2.2 TUNERS			01-May-09 08:...	31-Aug-11 0...		4648.00h	4648.00h	1468.00h	$77,329.89	$688,159.34	$21,401.06	$786,890.28	3152.00h
131122010	12-018F	Proc Tuners	01-May-09 08:...	01-Sep-09 0...	0%	688.00h	688.00h	48.00h	$2,423.84	$0.00	$0.00	$2,423.84	2192.00h
131122015		Vend Fab - Cold Tuners Lot #1 (Phase 1) FY09 Or...	01-Sep-09 08:...	30-Sep-09 0...	0%	168.00h	168.00h	13.44h	$921.65	$0.00	$1,341.67	$2,263.32	2544.00h
131122015A		Vend Fab - Cold Tuners Lot #1 (Phase 1) FY10 Or...	01-Oct-09 08:...	01-Feb-10 0...	0%	632.00h	632.00h	50.56h	$3,577.88	$0.00	$5,208.25	$8,786.13	2544.00h
131122016	12-018F	Vend Fab - Cold Tuners Lot #2 & 3 (Phase 2) Origi...	02-Feb-10 08:...	22-Jul-10 04:...	0%	960.00h	960.00h	96.00h	$6,793.44	$0.00	$9,889.07	$16,682.51	3016.00h
131122016A	12-018F	Vend Fab - Cold Tuners - Materials	09-Sep-09 08:...	30-Sep-09 0...	0%	128.00h	128.00h	0.00h	$0.00	$140,707.20	$0.00	$140,707.20	2192.00h
131122016B	12-018F	Vend Fab - Cold Tuners - First Article	09-Sep-09 08:...	30-Oct-09 04...	0%	304.00h	304.00h	0.00h	$0.00	$11,556.60	$0.00	$11,556.60	2192.00h
131122016C	12-018F	Vend Fab - Cold Tuners - 2 thru 10	09-Sep-09 08:...	29-Jan-10 04...	0%	752.00h	752.00h	0.00h	$0.00	$17,865.09	$0.00	$17,865.09	2192.00h
131122016D		Vend Fab - Cold Tuners - 11 thru 20	09-Sep-09 08:...	26-Feb-10 0...	0%	904.00h	904.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2240.00h
131122016F	12-018F	Vend Fab - Cold Tuners - 21 thru 30	09-Sep-09 08:...	31-Mar-10 0...	0%	1088.00h	1088.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2672.00h
131122016G	12-018F	Vend Fab - Cold Tuners - 31 thru 40	09-Sep-09 08:...	30-Apr-10 04...	0%	1264.00h	1264.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2672.00h
131122016H	12-018F	Vend Fab - Cold Tuners - 41 thru 50	09-Sep-09 08:...	28-May-10 0...	0%	1424.00h	1424.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	2952.00h
131122016J	12-018F	Vend Fab - Cold Tuners - 51 thru 60	09-Sep-09 08:...	30-Jun-10 04...	0%	1600.00h	1600.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	3400.00h
131122016K	12-018F	Vend Fab - Cold Tuners - 61 thru 70	09-Sep-09 08:...	30-Jul-10 04:...	0%	1768.00h	1768.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	3824.00h
131122016L	12-018F	Vend Fab - Cold Tuners - 71 thru 80	09-Sep-09 08:...	31-Aug-10 0...	0%	1944.00h	1944.00h	0.00h	$0.00	$19,850.10	$0.00	$19,850.10	4280.00h
131122016N	12-018F	Vend Fab - Cold Tuners - 81 thru 84	09-Sep-09 08:...	30-Sep-10 0...	0%	2112.00h	2112.00h	0.00h	$0.00	$7,940.04	$0.00	$7,940.04	4296.00h
131122017	12-018F	Receive & Insp First Article Tuner	02-Nov-09 08:...	13-Nov-09 0...	0%	80.00h	80.00h	24.00h	$1,222.64	$0.00	$109.88	$1,332.52	2680.00h
131122020	12-018F	Receive & Insp Tuners Lot #1 2-10	01-Feb-10 08:...	22-Feb-10 0...	0%	120.00h	120.00h	96.00h	$4,890.56	$0.00	$439.52	$5,330.08	2192.00h
131122025		Receive & Insp Tuners Lot #2 11-20	01-Mar-10 08:...	26-Mar-10 0...	0%	160.00h	160.00h	88.00h	$4,665.52	$0.00	$549.39	$5,214.91	2240.00h
131122030	12-018F	Receive & Insp Tuners Lot #3 21-30	01-Apr-10 08:...	28-Apr-10 04...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2688.00h
131122035	12-018F	Receive & Insp Tuners Lot #4 31-40	03-May-10 08:...	28-May-10 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2672.00h
131122040	12-018F	Receive & Insp Tuners Lot #5 41-50	01-Jun-10 08:...	28-Jun-10 04...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2952.00h
131122045	12-018F	Receive & Insp Tuners Lot #6 51-60	01-Jul-10 08:0...	29-Jul-10 04:...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	3400.00h
131122050	12-018F	Receive & Insp Tuners Lot #7 61-70	02-Aug-10 08:...	27-Aug-10 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	3824.00h
131122055	12-018F	Receive & Insp Tuners Lot #8 71-80	01-Sep-10 08:...	29-Sep-10 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	4280.00h
131122060	12-018F	Receive & Insp Tuners Lot #9 81-84	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	60.00h	$2,911.64	$0.00	$566.92	$3,478.56	4296.00h
131122065	12-018F	Vend Fab - Warm Tuners Lot # 1	01-Oct-09 08:...	24-Jun-10 04...	0%	1440.00h	1440.00h	0.00h	$0.00	$140,222.77	$0.00	$140,222.77	1344.00h
131122065A		Vend Fab - Warm Tuners Lot # 1 Reverse Entry P...	01-Jul-10 08:0...	01-Jul-10 04:...	0%	8.00h	8.00h	0.00h	$0.00	($140,222.77)	$0.00	($140,222.77)	1736.00h
131122065B	12-018F	Vend Fab - Warm Tuners Peg Point #1 Receipt of ...	25-May-10 08:...	30-Jul-10 04:...	0%	376.00h	376.00h	0.00h	$0.00	$100,000.00	$0.00	$100,000.00	824.00h
131122065C	12-018F	Vend Fab - Warm Tuners Peg Point #2 Receipt of ...	25-May-10 08:...	31-Aug-10 0...	0%	552.00h	552.00h	0.00h	$0.00	$100,172.50	$0.00	$100,172.50	824.00h



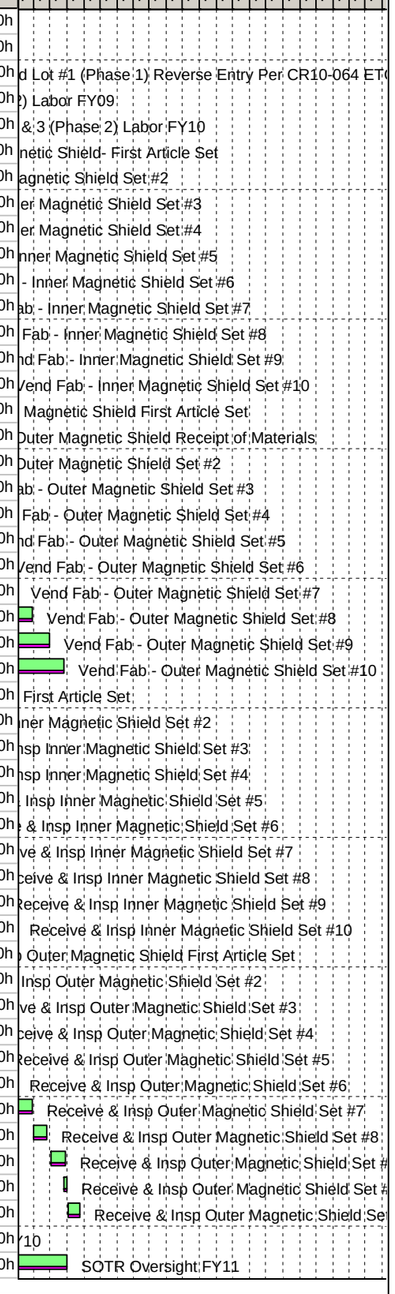
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131122065D	12-018F	Vend Fab - Warm Tuners Peg Point #3 Receipt of ...	25-May-10 08:...	31-Aug-10 0...	0%	552.00h	552.00h	0.00h	$0.00	$0.00	$0.00	$0.00	824.00h
131122065F	12-018F	Vend Fab - Warm Tuners Peg Point #4 Receipt of ...	25-May-10 08:...	30-Sep-10 0...	0%	720.00h	720.00h	0.00h	$0.00	$4,446.51	$0.00	$4,446.51	824.00h
131122065G	12-018F	Vend Fab - Warm Tuners Peg Point #5 Receipt of ...	25-May-10 08:...	29-Oct-10 04...	0%	888.00h	888.00h	0.00h	$0.00	$20,815.00	$0.00	$20,815.00	824.00h
131122065H		Vend Fab - Warm Tuners Peg Point #6 Receipt of ...	25-May-10 08:...	30-Nov-10 0...	0%	1048.00h	1048.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	904.00h
131122065J	12-018F	Vend Fab - Warm Tuners Peg Point #7 Receipt of ...	25-May-10 08:...	30-Dec-10 0...	0%	1184.00h	1184.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1168.00h
131122065K	12-018F	Vend Fab - Warm Tuners Peg Point #8 Receipt of ...	25-May-10 08:...	28-Feb-11 0...	0%	1496.00h	1496.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1168.00h
131122065L	12-018F	Vend Fab - Warm Tuners Peg Point #9 Receipt of ...	25-May-10 08:...	31-Mar-11 0...	0%	1680.00h	1680.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	1464.00h
131122065N	12-018F	Vend Fab - Warm Tuners Peg Point #10 Receipt o...	25-May-10 08:...	29-Apr-11 04...	0%	1848.00h	1848.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	2040.00h
131122065P	12-018F	Vend Fab - Warm Tuners Peg Point #11 Receipt o...	25-May-10 08:...	30-Jun-11 04...	0%	2192.00h	2192.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	2200.00h
131122065Q	12-018F	Vend Fab - Warm Tuners Peg Point #12 Receipt o...	25-May-10 08:...	29-Jul-11 04:...	0%	2352.00h	2352.00h	0.00h	$0.00	$20,815.10	$0.00	$20,815.10	2584.00h
131122065R	12-018F	Vend Fab - Warm Tuners Peg Point #13 Receipt o...	25-May-10 08:...	31-Aug-11 0...	0%	2536.00h	2536.00h	0.00h	$0.00	$0.00	$0.00	$0.00	3152.00h
131122070	12-018F	Recieve & Inspect Warm Tuners - First Article	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	120.00h	$6,163.60	$0.00	$0.00	$6,163.60	832.00h
131122075	12-018F	Recieve & Inspect Warm Tuners - 1st Production Set	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	824.00h
131122080		Recieve & Inspect Warm Tuners - 2nd Production ...	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	904.00h
131122085	12-018F	Recieve & Inspect Warm Tuners - 3rd Production ...	06-Jan-11 08:...	03-Feb-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1456.00h
131122090	12-018F	Recieve & Inspect Warm Tuners - 4th Production ...	01-Mar-11 08:...	28-Mar-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1168.00h
131122095	12-018F	Recieve & Inspect Warm Tuners - 5th Production ...	01-Apr-11 08:...	28-Apr-11 04...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	1464.00h
131122100	12-018F	Recieve & Inspect Warm Tuners - 6th Production ...	02-May-11 08:...	27-May-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	2040.00h
131122105	12-018F	Recieve & Inspect Warm Tuners - 7th Production ...	01-Jul-11 08:0...	29-Jul-11 04:...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	2200.00h
131122110	12-018F	Recieve & Inspect Warm Tuners - 8th Production ...	01-Aug-11 08:...	26-Aug-11 0...	0%	160.00h	160.00h	64.00h	$3,353.60	$0.00	$0.00	$3,353.60	2584.00h
1.3.1.1.2.3 HELIUM HEADERS			01-Apr-09 08:...	09-Jul-10 04:...		2544.00h	2544.00h	308.00h	$17,747.33	$278,889.06	$12,433.29	$309,069.67	4736.00h
131123010	12-018F	Proc Helium Headers	01-Apr-09 08:...	01-Jul-09 04:...	0%	520.00h	520.00h	48.00h	$2,423.84	$0.00	$0.00	$2,423.84	2328.00h
131123015	12-018F	Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase 1)	01-Jul-09 08:0...	07-Aug-09 0...	0%	216.00h	216.00h	30.00h	$2,104.90	$21,083.41	$2,662.05	$25,850.36	2760.00h
131123016	12-018F	Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase ...	10-Aug-09 08:...	30-Sep-09 0...	0%	296.00h	296.00h	41.64h	$2,921.60	$0.00	$3,693.58	$6,615.18	3504.00h
131123016b	12-018F	Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase ...	01-Oct-09 08:...	02-Dec-09 0...	0%	344.00h	344.00h	48.36h	$3,501.43	$0.00	$4,429.47	$7,930.90	3504.00h
131123016c	12-018F	Vend Fab - Helium Headers Lot #1, 2 & 3 (Phase ...	10-Aug-09 08:...	02-Dec-09 0...	0%	640.00h	640.00h	0.00h	$0.00	$42,805.65	$0.00	$42,805.65	3504.00h
131123016d	12-018F	Vend Fab 10 CFR 851 Compliance	02-Jul-10 08:0...	09-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$215,000.00	$0.00	$215,000.00	2328.00h
131123020	12-018F	Receive & Insp Helium Headers Lot #1 1-3	05-Oct-09 08:...	30-Oct-09 04...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	2760.00h
131123025	12-018F	Receive & Insp Helium Headers Lot #2 4-7	02-Nov-09 08:...	01-Dec-09 0...	0%	160.00h	160.00h	60.00h	$2,821.72	$0.00	$549.39	$3,371.11	3632.00h
131123030	12-018F	Receive & Insp Helium Headers Lot #3 8-10	02-Dec-09 08:...	06-Jan-10 04...	0%	160.00h	160.00h	20.00h	$1,152.12	$0.00	$549.39	$1,701.51	5760.00h
1.3.1.1.3 CRYOMODULE PROCUREMENTS			02-Jan-09 08:...	24-Oct-11 04...		5608.00h	5608.00h	8665.10h	$470,251.75	$5,950,335.75	$168,438.79	$6,589,026.29	2856.00h
1.3.1.1.3.1 MLI			02-Mar-09 08:...	26-Oct-09 04...		1344.00h	1344.00h	280.00h	$16,019.65	$152,268.92	$5,864.68	$174,153.25	4184.00h
131131010	12-018F	Proc MLI	02-Mar-09 08:...	01-Jun-09 04...	0%	520.00h	520.00h	40.00h	$2,153.00	$0.00	$0.00	$2,153.00	3120.00h
131131015	12-018F	Vend Fab - MLI (Phase 1)	01-Jun-09 08:...	26-Jun-09 04...	0%	160.00h	160.00h	40.00h	$2,509.40	$38,067.22	$1,331.03	$41,907.65	3120.00h
131131016	12-018F	Vend Fab - MLI (Phase 2)	29-Jun-09 08:...	16-Sep-09 0...	0%	448.00h	448.00h	120.00h	$7,528.20	$114,201.69	$3,993.06	$125,722.95	4184.00h
131131020	12-018F	Receive & Insp MLI (Phase 1)	29-Jun-09 08:...	06-Aug-09 0...	0%	224.00h	224.00h	20.00h	$942.75	$0.00	$133.09	$1,075.84	3120.00h
131131021	12-018F	Receive & Insp MLI (Phase 2) FY09	17-Sep-09 08:...	30-Sep-09 0...	0%	80.00h	80.00h	21.43h	$1,010.22	$0.00	$142.61	$1,152.83	4184.00h
131131021b	12-018F	Receive & Insp MLI (Phase 2) FY10	01-Oct-09 08:...	26-Oct-09 04...	0%	144.00h	144.00h	38.57h	$1,876.07	$0.00	$264.89	$2,140.96	4184.00h
1.3.1.1.3.2 THERMAL SHIELD			02-Feb-09 08:...	01-Oct-10 04...		3344.00h	3344.00h	520.00h	$29,163.80	$380,651.59	$14,267.55	$424,082.94	4104.00h
131132010	12-018F	Proc Thermal Shield	02-Feb-09 08:...	01-Sep-09 0...	0%	1192.00h	1192.00h	40.00h	$2,153.00	$0.00	$0.00	$2,153.00	1944.00h
131132015	12-018F	Vend Fab - Thermal Shield Lot #1 (Phase 1) Labor...	01-Sep-09 08:...	30-Sep-09 0...	0%	168.00h	168.00h	10.50h	$668.09	$0.00	$559.03	$1,227.12	1944.00h
131132015b	12-018F	Vend Fab - Thermal Shield Lot #1 (Phase 1) Labor...	01-Oct-09 08:...	02-Mar-10 0...	0%	792.00h	792.00h	49.50h	$3,250.17	$0.00	$2,719.49	$5,969.66	1944.00h
131132015c	12-018F	Vend Fab - Thermal Shield Lot #1 (Phase 1) Procu...	01-Sep-09 08:...	02-Mar-10 0...	0%	960.00h	960.00h	0.00h	$0.00	$122,986.43	$0.00	$122,986.43	1944.00h
131132016	12-018F	Vend Fab - Thermal Shield Lot #2 & 3 (Phase 2)	03-Mar-10 08:...	19-Aug-10 0...	0%	960.00h	960.00h	140.00h	$9,192.40	$257,665.15	$7,691.49	$274,549.05	2536.00h
131132020	12-018F	Receive & Insp Thermal Shield Lot #1 1-3	03-Mar-10 08:...	13-Apr-10 04...	0%	240.00h	240.00h	120.00h	$6,113.20	$0.00	$1,098.79	$7,211.99	1944.00h
131132025	12-018F	Receive & Insp Thermal Shield Lot #2 4-7	26-May-10 08:...	08-Jul-10 04:...	0%	240.00h	240.00h	80.00h	$3,891.40	$0.00	$1,098.79	$4,990.19	2536.00h
131132030	12-018F	Receive & Insp Thermal Shield Lot #3 8-10 FY10	20-Aug-10 08:...	30-Sep-10 0...	0%	232.00h	232.00h	77.33h	$3,761.46	$0.00	$1,062.16	$4,823.62	4104.00h
131132030a	12-018F	Receive & Insp Thermal Shield Lot #3 8-10 FY11	01-Oct-10 08:...	01-Oct-10 04...	0%	8.00h	8.00h	2.67h	$134.09	$0.00	$37.80	$171.89	4104.00h
1.3.1.1.3.3 MAGNETIC SHIELD			02-Jan-09 08:...	24-Oct-11 04...		5608.00h	5608.00h	1536.88h	$80,583.47	$381,405.60	$8,784.02	$470,773.10	2856.00h



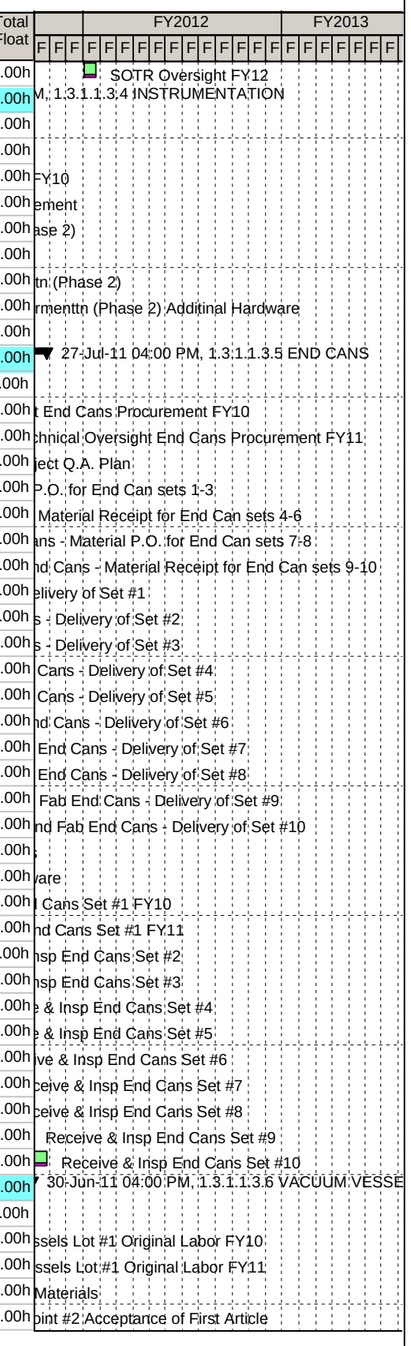
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131133010	12-018F	Prcrmnt Prep for Magnetic Shield	02-Jan-09 08:...	11-Feb-09 0...	0%	224.00h	224.00h	12.88h	$693.27	$0.00	$0.00	$693.27	808.00h
131133015	12-018F	Vend Fab - Magnetic Shield Lot #1 (Phase 1)	11-Feb-09 08:...	14-Sep-09 0...	0%	1200.00h	1200.00h	36.00h	$2,525.88	$85,949.94	$3,194.45	$91,670.28	808.00h
131133015a		Vend Fab - Magnetic Shield Lot #1 (Phase 1) Rev...	01-Jul-10 08:0...	01-Jul-10 04:...	0%	8.00h	8.00h	-36.00h	($2,606.52)	($85,949.94)	($3,194.46)	($91,750.92)	1456.00h
131133016	12-018F	Vend Fab - Magnetic Shield Lot #2 & 3 (Phase 2) ...	15-Sep-09 08:...	30-Sep-09 0...	0%	96.00h	96.00h	8.40h	$589.37	$0.00	$745.36	$1,334.73	1936.00h
131133016b	12-018F	Vend Fab - Magnetic Shield Lot #2 & 3 (Phase 2) ...	01-Oct-09 08:...	15-Mar-10 0...	0%	864.00h	864.00h	75.60h	$5,473.69	$0.00	$6,922.36	$12,396.05	1936.00h
131133016c		Vend Fab - Inner Magnetic Shield- First Article Set	01-Jul-10 08:0...	31-Aug-10 0...	0%	344.00h	344.00h	0.00h	$0.00	$22,615.00	$0.00	$22,615.00	952.00h
131133016c1		Vend Fab - Inner Magnetic Shield Set #2	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	952.00h
131133017	12-018F	Vend Fab - Inner Magnetic Shield Set #3	01-Jul-10 08:0...	30-Nov-10 0...	0%	840.00h	840.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	1376.00h
131133017A	12-018F	Vend Fab - Inner Magnetic Shield Set #4	01-Jul-10 08:0...	30-Nov-10 0...	0%	840.00h	840.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	1376.00h
131133017B	12-018F	Vend Fab - Inner Magnetic Shield Set #5	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	1720.00h
131133017C	12-018F	Vend Fab - Inner Magnetic Shield Set #6	01-Jul-10 08:0...	31-Jan-11 04...	0%	1136.00h	1136.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2224.00h
131133017D	12-018F	Vend Fab - Inner Magnetic Shield Set #7	01-Jul-10 08:0...	28-Feb-11 0...	0%	1288.00h	1288.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2704.00h
131133017F	12-018F	Vend Fab - Inner Magnetic Shield Set #8	01-Jul-10 08:0...	31-Mar-11 0...	0%	1472.00h	1472.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	2992.00h
131133017G	12-018F	Vend Fab - Inner Magnetic Shield Set #9	01-Jul-10 08:0...	29-Apr-11 04...	0%	1640.00h	1640.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	3088.00h
131133017H	12-018F	Vend Fab - Inner Magnetic Shield Set #10	01-Jul-10 08:0...	31-May-11 0...	0%	1808.00h	1808.00h	0.00h	$0.00	$20,258.00	$0.00	$20,258.00	3200.00h
131133018	12-018F	Vend Fab - Outer Magnetic Shield First Article Set	01-Jul-10 08:0...	29-Oct-10 04...	0%	680.00h	680.00h	0.00h	$0.00	$18,933.00	$0.00	$18,933.00	808.00h
131133018A	12-018F	Vend Fab - Outer Magnetic Shield Receipt of Mate...	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$62,881.43	$0.00	$62,881.43	808.00h
131133018B	12-018F	Vend Fab - Outer Magnetic Shield Set #2	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	808.00h
131133018C	12-018F	Vend Fab - Outer Magnetic Shield Set #3	01-Jul-10 08:0...	28-Feb-11 0...	0%	1288.00h	1288.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	984.00h
131133018D	12-018F	Vend Fab - Outer Magnetic Shield Set #4	01-Jul-10 08:0...	31-Mar-11 0...	0%	1472.00h	1472.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	984.00h
131133018F	12-018F	Vend Fab - Outer Magnetic Shield Set #5	01-Jul-10 08:0...	29-Apr-11 04...	0%	1640.00h	1640.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	1296.00h
131133018G	12-018F	Vend Fab - Outer Magnetic Shield Set #6	01-Jul-10 08:0...	31-May-11 0...	0%	1808.00h	1808.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	1872.00h
131133018H	12-018F	Vend Fab - Outer Magnetic Shield Set #7	01-Jul-10 08:0...	30-Jun-11 04...	0%	1984.00h	1984.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2200.00h
131133018J	12-018F	Vend Fab - Outer Magnetic Shield Set #8	01-Jul-10 08:0...	29-Jul-11 04:...	0%	2144.00h	2144.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2584.00h
131133018K	12-018F	Vend Fab - Outer Magnetic Shield Set #9	01-Jul-10 08:0...	31-Aug-11 0...	0%	2328.00h	2328.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2752.00h
131133018L	12-018F	Vend Fab - Outer Magnetic Shield Set #10	01-Jul-10 08:0...	26-Sep-11 0...	0%	2464.00h	2464.00h	0.00h	$0.00	$10,517.13	$0.00	$10,517.13	2856.00h
131133020	12-018F	Receive & Insp Inner Magnetic Shield First Article ...	12-Jan-10 08:...	09-Feb-10 0...	0%	160.00h	160.00h	80.00h	$3,891.40	$0.00	$549.39	$4,440.79	2256.00h
131133025		Receive & Insp Inner Magnetic Shield Set #2	01-Oct-10 08:...	28-Oct-10 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	952.00h
131133030	12-018F	Receive & Insp Inner Magnetic Shield Set #3	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1376.00h
131133035	12-018F	Receive & Insp Inner Magnetic Shield Set #4	01-Dec-10 08:...	05-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1376.00h
131133040	12-018F	Receive & Insp Inner Magnetic Shield Set #5	31-Dec-10 08:...	31-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1720.00h
131133045	12-018F	Receive & Insp Inner Magnetic Shield Set #6	01-Feb-11 08:...	01-Mar-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2224.00h
131133050	12-018F	Receive & Insp Inner Magnetic Shield Set #7	01-Mar-11 08:...	28-Mar-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2704.00h
131133055	12-018F	Receive & Insp Inner Magnetic Shield Set #8	01-Apr-11 08:...	28-Apr-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2992.00h
131133060	12-018F	Receive & Insp Inner Magnetic Shield Set #9	02-May-11 08:...	27-May-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	3088.00h
131133065	12-018F	Receive & Insp Inner Magnetic Shield Set #10	01-Jun-11 08:...	28-Jun-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	3200.00h
131133070	12-018F	Receive & Insp Outer Magnetic Shield First Article ...	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	80.00h	$4,015.40	$0.00	$566.92	$4,582.32	824.00h
131133075		Receive & Insp Outer Magnetic Shield Set #2	17-Dec-10 08:...	24-Jan-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	808.00h
131133080	12-018F	Receive & Insp Outer Magnetic Shield Set #3	01-Mar-11 08:...	28-Mar-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1168.00h
131133085	12-018F	Receive & Insp Outer Magnetic Shield Set #4	01-Apr-11 08:...	28-Apr-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	984.00h
131133090	12-018F	Receive & Insp Outer Magnetic Shield Set #5	02-May-11 08:...	27-May-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1296.00h
131133095	12-018F	Receive & Insp Outer Magnetic Shield Set #6	01-Jun-11 08:...	28-Jun-11 04...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	1872.00h
131133100	12-018F	Receive & Insp Outer Magnetic Shield Set #7	01-Jul-11 08:0...	29-Jul-11 04:...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2200.00h
131133105	12-018F	Receive & Insp Outer Magnetic Shield Set #8	01-Aug-11 08:...	26-Aug-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2584.00h
131133110	12-018F	Receive & Insp Outer Magnetic Shield Set #9	01-Sep-11 08:...	29-Sep-11 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$0.00	$2,639.84	2752.00h
131133115	12-018F	Receive & Insp Outer Magnetic Shield Set #10 FY11	27-Sep-11 08:...	30-Sep-11 0...	0%	32.00h	32.00h	11.20h	$527.97	$0.00	$0.00	$527.97	2856.00h
131133115a	12-018F	Receive & Insp Outer Magnetic Shield Set #10 FY12	03-Oct-11 08:...	24-Oct-11 04...	0%	128.00h	128.00h	44.80h	$2,179.14	$0.00	$0.00	$2,179.14	2856.00h
131133120LOE	12-018F	SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	52.00h	$3,424.20	$0.00	$0.00	$3,424.20	2856.00h
131133125LOE	12-018F	SOTR Oversight FY11	01-Oct-10 08:...	30-Sep-11 0...	0%	1984.00h	1984.00h	200.00h	$13,590.00	$0.00	$0.00	$13,590.00	2856.00h



(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131133130LOE	12-018F	SOTR Oversight FY12	03-Oct-11 08:...	24-Oct-11 04...	0%	128.00h	128.00h	20.00h	$1,402.40	$0.00	$0.00	$1,402.40	2856.00h
1.3.1.1.3.4 INSTRUMENTATION			01-Apr-09 08:...	30-Sep-10 0...		3008.00h	3008.00h	1098.00h	$57,278.47	$476,503.12	$9,339.68	$543,121.27	2584.00h
131134010	12-018F	Proc Instrmenttn	01-Apr-09 08:...	01-Jul-09 04:...	0%	520.00h	520.00h	20.00h	$876.80	$0.00	$0.00	$876.80	2208.00h
131134012	12-018F	Vend Fab - Instrmenttn (Phase 1) Labor FY09	01-Jul-09 08:0...	30-Sep-09 0...	0%	512.00h	512.00h	38.40h	$2,272.38	$0.00	$0.00	$2,272.38	2208.00h
131134012b	12-018F	Vend Fab - Instrmenttn (Phase 1) Labor FY10	01-Oct-09 08:...	28-Dec-09 0...	0%	448.00h	448.00h	33.60h	$2,051.73	$0.00	$0.00	$2,051.73	2208.00h
131134012c	12-018F	Vend Fab - Instrmenttn (Phase 1) Procurement	01-Jul-09 08:0...	28-Dec-09 0...	0%	960.00h	960.00h	0.00h	$0.00	$81,139.10	$0.00	$81,139.10	2208.00h
131134013	12-018F	Vend Fab - Instrmenttn (Phase 2)	29-Dec-09 08:...	18-Jun-10 04...	0%	960.00h	960.00h	168.00h	$10,258.64	$395,364.02	$0.00	$405,622.66	2344.00h
131134015	12-018F	Receive & Insp Instrmenttn (Phase 1)	29-Dec-09 08:...	27-Jan-10 04...	0%	160.00h	160.00h	42.00h	$2,061.48	$0.00	$1,648.18	$3,709.66	2208.00h
131134016	12-018F	Receive & Insp Instrmenttn (Phase 2)	21-Jun-10 08:...	19-Jul-10 04:...	0%	160.00h	160.00h	98.00h	$4,810.12	$0.00	$3,845.75	$8,655.87	2344.00h
131134018	12-018F	Receive & Insp Instrmenttn (Phase 2) Additinal Ha...	20-Jul-10 08:0...	30-Sep-10 0...	0%	416.00h	416.00h	98.00h	$4,810.12	$0.00	$3,845.75	$8,655.87	2344.00h
131134021LOE	12-018F	SOTR Oversight	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	600.00h	$30,137.20	$0.00	$0.00	$30,137.20	2584.00h
1.3.1.1.3.5 END CANS			01-Oct-09 08:...	27-Jul-11 04:...		3600.00h	3600.00h	1365.82h	$68,727.27	$1,402,902.00	$34,631.98	$1,506,261.25	3352.00h
131135010		Proc End Cans	01-Oct-09 08:...	02-Feb-10 0...	0%	640.00h	640.00h	40.00h	$2,221.80	$0.00	$0.00	$2,221.80	-200.00h
131135015	12-018F	Technical Oversight End Cans Procurement FY10	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	91.64h	$5,090.14	$0.00	$15,732.61	$20,822.75	3840.00h
131135015A	12-018F	Technical Oversight End Cans Procurement FY11	01-Oct-10 08:...	29-Apr-11 04...	0%	1128.00h	1128.00h	154.18h	$9,749.52	$0.00	$12,111.44	$21,860.96	3840.00h
131135015B		Vend Fab End Cans - Submittal of Project Q.A. Plan	04-Jan-10 08:...	29-Jan-10 04...	0%	152.00h	152.00h	0.00h	$0.00	$67,645.00	$0.00	$67,645.00	912.00h
131135015C		Vend Fab End Cans - Material P.O. for End Can s...	04-Jan-10 08:...	30-Apr-10 04...	0%	664.00h	664.00h	0.00h	$0.00	$174,599.00	$0.00	$174,599.00	912.00h
131135015D		Vend Fab End Cans - Material Receipt for End Ca...	04-Jan-10 08:...	31-Aug-10 0...	0%	1344.00h	1344.00h	0.00h	$0.00	$158,211.00	$0.00	$158,211.00	912.00h
131135015F		Vend Fab End Cans - Material P.O. for End Can s...	04-Jan-10 08:...	29-Oct-10 04...	0%	1680.00h	1680.00h	0.00h	$0.00	$158,211.00	$0.00	$158,211.00	912.00h
131135015G		Vend Fab End Cans - Material Receipt for End Ca...	04-Jan-10 08:...	30-Dec-10 0...	0%	1976.00h	1976.00h	0.00h	$0.00	$158,211.00	$0.00	$158,211.00	912.00h
131135015H		Vend Fab End Cans - Delivery of Set #1	04-Jan-10 08:...	30-Jul-10 04:...	0%	1168.00h	1168.00h	0.00h	$0.00	$136,921.00	$0.00	$136,921.00	912.00h
131135015J		Vend Fab End Cans - Delivery of Set #2	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	912.00h
131135015K	12-018F	Vend Fab End Cans - Delivery of Set #3	04-Jan-10 08:...	30-Sep-10 0...	0%	1512.00h	1512.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1296.00h
131135015N	12-018F	Vend Fab End Cans - Delivery of Set #4	04-Jan-10 08:...	30-Nov-10 0...	0%	1840.00h	1840.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1296.00h
131135015O	12-018F	Vend Fab End Cans - Delivery of Set #5	04-Jan-10 08:...	30-Nov-10 0...	0%	1840.00h	1840.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	1776.00h
131135015P	12-018F	Vend Fab End Cans - Delivery of Set #6	04-Jan-10 08:...	31-Dec-10 0...	0%	1984.00h	1984.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	2376.00h
131135015Q	12-018F	Vend Fab End Cans - Delivery of Set #7	05-Jan-10 08:...	01-Feb-11 0...	0%	2136.00h	2136.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	2720.00h
131135015R	12-018F	Vend Fab End Cans - Delivery of Set #8	05-Jan-10 08:...	01-Feb-11 0...	0%	2136.00h	2136.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	3264.00h
131135015S	12-018F	Vend Fab End Cans - Delivery of Set #9	05-Jan-10 08:...	01-Apr-11 04...	0%	2472.00h	2472.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	3280.00h
131135015T	12-018F	Vend Fab End Cans - Delivery of Set #10	05-Jan-10 08:...	02-May-11 0...	0%	2640.00h	2640.00h	0.00h	$0.00	$55,456.00	$0.00	$55,456.00	3352.00h
131135016	12-018F	Electronic Valve Actuators	01-Jul-10 08:0...	08-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$25,000.00	$0.00	$25,000.00	4960.00h
131135017	12-018F	Additional End Can Hardware	01-Jul-10 08:0...	08-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$25,000.00	$0.00	$25,000.00	4960.00h
131135020	12-018F	Receive & Insp End Cans Set #1 FY10	02-Aug-10 08:...	30-Sep-10 0...	0%	344.00h	344.00h	77.39h	$3,595.81	$0.00	$472.48	$4,068.29	1016.00h
131135020a	12-018F	Receive & Insp End Cans Set #1 FY11	01-Oct-10 08:...	25-Oct-10 04...	0%	136.00h	136.00h	30.61h	$1,467.64	$0.00	$192.75	$1,660.39	1016.00h
131135025		Receive & Insp End Cans Set #2	01-Oct-10 08:...	04-Jan-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	912.00h
131135030	12-018F	Receive & Insp End Cans Set #3	01-Oct-10 08:...	04-Jan-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1624.00h
131135035	12-018F	Receive & Insp End Cans Set #4	01-Dec-10 08:...	04-Mar-11 0...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1296.00h
131135040	12-018F	Receive & Insp End Cans Set #5	01-Dec-10 08:...	04-Mar-11 0...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	1776.00h
131135045	12-018F	Receive & Insp End Cans Set #6	04-Jan-11 08:...	30-Mar-11 0...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	2376.00h
131135050	12-018F	Receive & Insp End Cans Set #7	02-Feb-11 08:...	27-Apr-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	2720.00h
131135055	12-018F	Receive & Insp End Cans Set #8	02-Feb-11 08:...	27-Apr-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	3264.00h
131135060	12-018F	Receive & Insp End Cans Set #9	04-Apr-11 08:...	27-Jun-11 04...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	3280.00h
131135065	12-018F	Receive & Insp End Cans Set #10	03-May-11 08:...	27-Jul-11 04:...	0%	480.00h	480.00h	108.00h	$5,178.04	$0.00	$680.30	$5,858.34	3352.00h
1.3.1.1.3.6 VACUUM VESSELS			02-Nov-09 08:...	30-Jun-11 04...		3280.00h	3280.00h	792.00h	$41,153.45	$845,582.00	$30,853.22	$917,588.67	3496.00h
131136010		Proc Vac Vessels	02-Nov-09 08:...	02-Nov-09 0...	0%	8.00h	8.00h	40.00h	$2,221.80	$0.00	$0.00	$2,221.80	136.00h
131136015	12-018F	Vend Fab - Vac Vessels Lot #1 Original Labor FY10	08-Mar-10 08:...	30-Sep-10 0...	0%	1168.00h	1168.00h	194.67h	$12,781.83	$0.00	$26,737.12	$39,518.95	1576.00h
131136015a	12-018F	Vend Fab - Vac Vessels Lot #1 Original Labor FY11	01-Oct-10 08:...	06-Oct-10 04...	0%	32.00h	32.00h	5.33h	$361.34	$0.00	$755.89	$1,117.23	1576.00h
131136016		Vend Fab - Vac Vessels Peg Point #1 Materials	25-Nov-09 08:...	29-Jan-10 04...	0%	312.00h	312.00h	0.00h	$0.00	$184,500.00	$0.00	$184,500.00	1392.00h
131136016a		Vend Fab - Vac Vessels Peg Point #2 Acceptance ...	25-Nov-09 08:...	30-Apr-10 04...	0%	824.00h	824.00h	0.00h	$0.00	$61,812.00	$0.00	$61,812.00	1392.00h

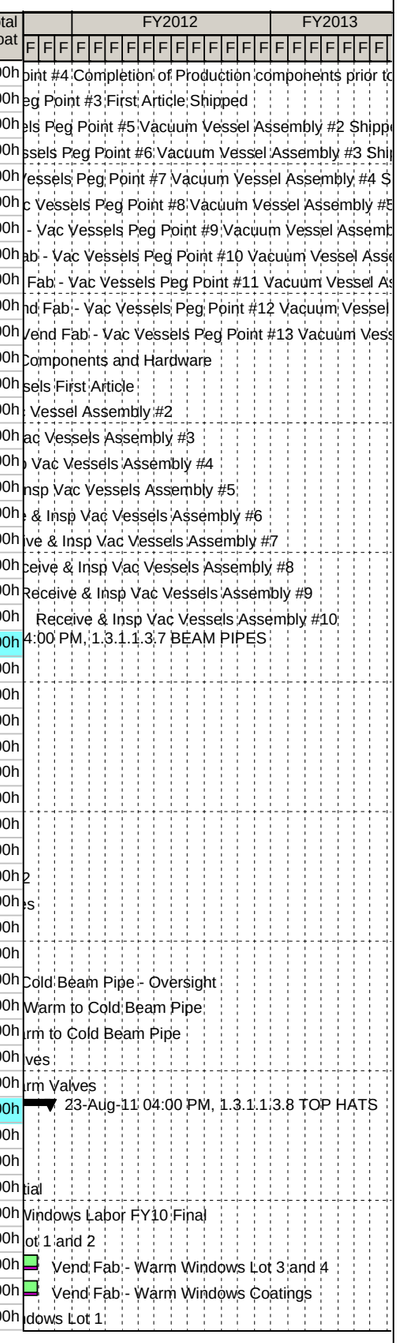


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: WBS.

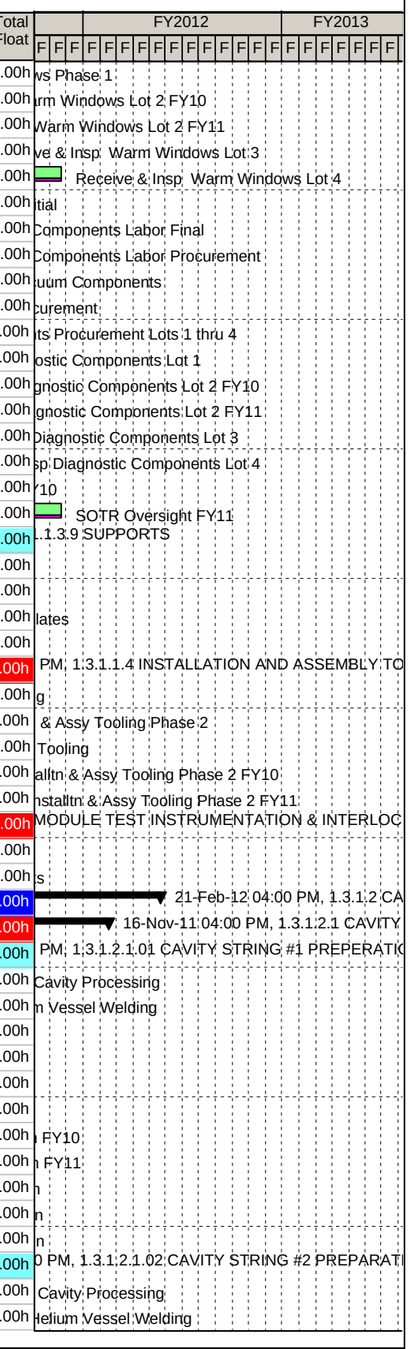
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131136016b		Vend Fab - Vac Vessels Peg Point #4 Completion ...	25-Nov-09 08:...	30-Apr-10 04...	0%	824.00h	824.00h	0.00h	$0.00	$162,925.00	$0.00	$162,925.00	1392.00h
131136016c		Vend Fab - Vac Vessels Peg Point #3 First Article ...	25-Nov-09 08:...	30-Jun-10 04...	0%	1160.00h	1160.00h	0.00h	$0.00	$15,528.00	$0.00	$15,528.00	1392.00h
131136016d		Vend Fab - Vac Vessels Peg Point #5 Vacuum Ve...	25-Nov-09 08:...	31-Aug-10 0...	0%	1504.00h	1504.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1392.00h
131136016f	12-018F	Vend Fab - Vac Vessels Peg Point #6 Vacuum Ve...	25-Nov-09 08:...	30-Sep-10 0...	0%	1672.00h	1672.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1776.00h
131136016g	12-018F	Vend Fab - Vac Vessels Peg Point #7 Vacuum Ve...	25-Nov-09 08:...	29-Oct-10 04...	0%	1840.00h	1840.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	1776.00h
131136016h	12-018F	Vend Fab - Vac Vessels Peg Point #8 Vacuum Ve...	25-Nov-09 08:...	30-Nov-10 0...	0%	2000.00h	2000.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	2072.00h
131136016j	12-018F	Vend Fab - Vac Vessels Peg Point #9 Vacuum Ve...	25-Nov-09 08:...	31-Jan-11 04...	0%	2296.00h	2296.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	2552.00h
131136016k	12-018F	Vend Fab - Vac Vessels Peg Point #10 Vacuum V...	25-Nov-09 08:...	28-Feb-11 0...	0%	2448.00h	2448.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	2872.00h
131136016n	12-018F	Vend Fab - Vac Vessels Peg Point #11 Vacuum V...	25-Nov-09 08:...	31-Mar-11 0...	0%	2632.00h	2632.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	3248.00h
131136016o	12-018F	Vend Fab - Vac Vessels Peg Point #12 Vacuum V...	25-Nov-09 08:...	29-Apr-11 04...	0%	2800.00h	2800.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	3432.00h
131136016p	12-018F	Vend Fab - Vac Vessels Peg Point #13 Vacuum V...	25-Nov-09 08:...	31-May-11 0...	0%	2968.00h	2968.00h	0.00h	$0.00	$42,313.00	$0.00	$42,313.00	3496.00h
131136017	12-018F	Vend Fab Insulating Vac Components and Hardware	01-Jul-10 08:0...	08-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$40,000.00	$0.00	$40,000.00	5264.00h
131136020	12-018F	Receive & Insp Vac Vessels First Article	01-Jul-10 08:0...	30-Jul-10 04:...	0%	168.00h	168.00h	80.00h	$3,973.84	$0.00	$1,046.37	$5,020.21	1568.00h
131136025		Receive & Insp Vac Vessel Assembly #2	01-Sep-10 08:...	30-Sep-10 0...	0%	168.00h	168.00h	72.00h	$3,447.04	$0.00	$250.00	$3,697.04	1392.00h
131136030	12-018F	Receive & Insp Vac Vessels Assembly #3	01-Oct-10 08:...	29-Oct-10 04...	0%	168.00h	168.00h	56.00h	$2,639.84	$0.00	$257.98	$2,897.82	1776.00h
131136035	12-018F	Receive & Insp Vac Vessels Assembly #4	01-Nov-10 08:...	30-Nov-10 0...	0%	160.00h	160.00h	56.00h	$2,639.84	$0.00	$257.98	$2,897.82	1776.00h
131136040	12-018F	Receive & Insp Vac Vessels Assembly #5	01-Dec-10 08:...	10-Jan-11 04...	0%	184.00h	184.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	2072.00h
131136045	12-018F	Receive & Insp Vac Vessels Assembly #6	01-Feb-11 08:...	28-Feb-11 0...	0%	152.00h	152.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	2552.00h
131136050	12-018F	Receive & Insp Vac Vessels Assembly #7	01-Mar-11 08:...	31-Mar-11 0...	0%	184.00h	184.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	2872.00h
131136055	12-018F	Receive & Insp Vac Vessels Assembly #8	01-Apr-11 08:...	29-Apr-11 04...	0%	168.00h	168.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	3248.00h
131136060	12-018F	Receive & Insp Vac Vessels Assembly #9	02-May-11 08:...	31-May-11 0...	0%	168.00h	168.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	3432.00h
131136065	12-018F	Receive & Insp Vac Vessels Assembly #10	01-Jun-11 08:...	30-Jun-11 04...	0%	176.00h	176.00h	48.00h	$2,181.32	$0.00	$257.98	$2,439.30	3496.00h
1.3.1.1.3.7 BEAM PIPES			25-Sep-09 08:...	30-Dec-10 0...		2480.00h	2480.00h	312.00h	$15,201.19	$592,631.69	$18,679.43	$626,512.31	1320.00h
131137010		Proc Beam Pipes Labor FY09	25-Sep-09 08:...	30-Sep-09 0...	0%	32.00h	32.00h	1.42h	$78.03	$0.00	$0.00	$78.03	1408.00h
131137010b		Proc Beam Pipes Labor FY10	01-Oct-09 08:...	26-Feb-10 0...	0%	776.00h	776.00h	34.58h	$1,960.32	$0.00	$0.00	$1,960.32	1408.00h
131137011		Vendor Fab Cold Valves - Oversight	01-Oct-09 08:...	04-Jan-10 04...	0%	480.00h	480.00h	20.00h	$1,110.90	$0.00	$4,120.45	$5,231.35	1376.00h
131137012		Vend Fab - Cold Valves 1-4	25-Sep-09 08:...	26-Feb-10 0...	0%	808.00h	808.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137013		Vend Fab - Cold Valves 5-8	25-Sep-09 08:...	31-Mar-10 0...	0%	992.00h	992.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137014		Vend Fab - Cold Valves 9-12	25-Sep-09 08:...	31-Mar-10 0...	0%	992.00h	992.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137015		Vend Fab - Cold Valves 13-16	25-Sep-09 08:...	30-Apr-10 04...	0%	1168.00h	1168.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137016		Vend Fab - Cold Valves 17-20	25-Sep-09 08:...	30-Apr-10 04...	0%	1168.00h	1168.00h	0.00h	$0.00	$79,980.00	$0.00	$79,980.00	1152.00h
131137017		Vend Fab - Cold Valves 21-22	25-Sep-09 08:...	28-May-10 0...	0%	1328.00h	1328.00h	0.00h	$0.00	$39,990.00	$0.00	$39,990.00	1152.00h
131137020		Receive & Inspect Cold Valves	16-Feb-10 08:...	28-May-10 0...	0%	592.00h	592.00h	98.00h	$4,359.62	$0.00	$879.05	$5,238.67	1152.00h
131137025	12-018F	Vendor Fab Burst Disc	01-Oct-09 08:...	26-Feb-10 0...	0%	776.00h	776.00h	20.00h	$1,110.90	$8,790.28	$4,120.45	$14,021.63	2176.00h
131137030	12-018F	Receive & Inspect Burst Disc	01-Mar-10 08:...	31-Mar-10 0...	0%	184.00h	184.00h	39.20h	$1,743.85	$0.00	$146.51	$1,890.36	2176.00h
131137034	12-018F	Vendor Fab Warm to Cold Beam Pipe - Oversight	05-Jan-10 08:...	27-Aug-10 0...	0%	1320.00h	1320.00h	20.00h	$1,110.90	$0.00	$4,120.45	$5,231.35	1320.00h
131137035	12-018F	Vendor Fab Warm to Cold Beam Pipe	01-Jul-10 08:0...	30-Dec-10 0...	0%	976.00h	976.00h	0.00h	$0.00	$100,000.00	$0.00	$100,000.00	1320.00h
131137040	12-018F	Receive & Inspect Warm to Cold Beam Pipe	05-Apr-10 08:...	31-Aug-10 0...	0%	840.00h	840.00h	39.20h	$1,743.85	$0.00	$293.02	$2,036.87	1320.00h
131137045	12-018F	Vendor Fab Warm Valves	04-Dec-09 08:...	27-Aug-10 0...	0%	1448.00h	1448.00h	20.00h	$1,110.90	$43,951.41	$4,120.45	$49,182.76	1320.00h
131137050	12-018F	Receive & Inspect Warm Valves	24-Mar-10 08:...	31-Aug-10 0...	0%	904.00h	904.00h	19.60h	$871.92	$0.00	$879.05	$1,750.98	1320.00h
1.3.1.1.3.8 TOP HATS			13-May-09 08:...	23-Aug-11 0...		4536.00h	4536.00h	2604.40h	$153,970.41	$1,593,451.56	$39,974.91	$1,787,396.88	3200.00h
131138010	12-018F	Proc Top Hats Air Side FPC Components	13-May-09 08:...	06-Aug-09 0...	0%	480.00h	480.00h	36.00h	$1,977.64	$0.00	$0.00	$1,977.64	1080.00h
131138015	12-018F	Vend Fab - Warm Windows Labor FY09	07-Aug-09 08:...	30-Sep-09 0...	0%	304.00h	304.00h	55.73h	$3,018.08	$0.00	$2,764.97	$5,783.05	2296.00h
131138015b	12-018F	Vend Fab - Warm Windows Labor FY10 Initial	01-Oct-09 08:...	30-Nov-09 0...	0%	328.00h	328.00h	60.13h	$3,360.33	$0.00	$3,078.62	$6,438.95	2296.00h
131138015ba	12-018F	Vend Fab - Warm Windows Labor FY10 Final	01-Dec-09 08:...	30-Sep-10 0...	0%	1656.00h	1656.00h	104.14h	$5,819.62	$0.00	$5,330.76	$11,150.38	2296.00h
131138015c	12-018F	Vend Fab - Warm Windows Lot 1 and 2	07-Aug-09 08:...	28-May-10 0...	0%	1600.00h	1600.00h	0.00h	$0.00	$107,824.04	$0.00	$107,824.04	1784.00h
131138015d	12-018F	Vend Fab - Warm Windows Lot 3 and 4	30-Jul-10 08:0...	29-Jul-11 04:...	0%	1984.00h	1984.00h	0.00h	$0.00	$172,119.34	$0.00	$172,119.34	2904.00h
131138015f	12-018F	Vend Fab - Warm Windows Coatings	30-Jul-10 08:0...	29-Jul-11 04:...	0%	1984.00h	1984.00h	0.00h	$0.00	$90,000.00	$0.00	$90,000.00	2904.00h
131138020	12-018F	Receive & Insp Warm Windows Lot 1	01-Jun-10 08:...	30-Jun-10 04...	0%	176.00h	176.00h	80.00h	$4,098.80	$0.00	$274.70	$4,373.50	1784.00h



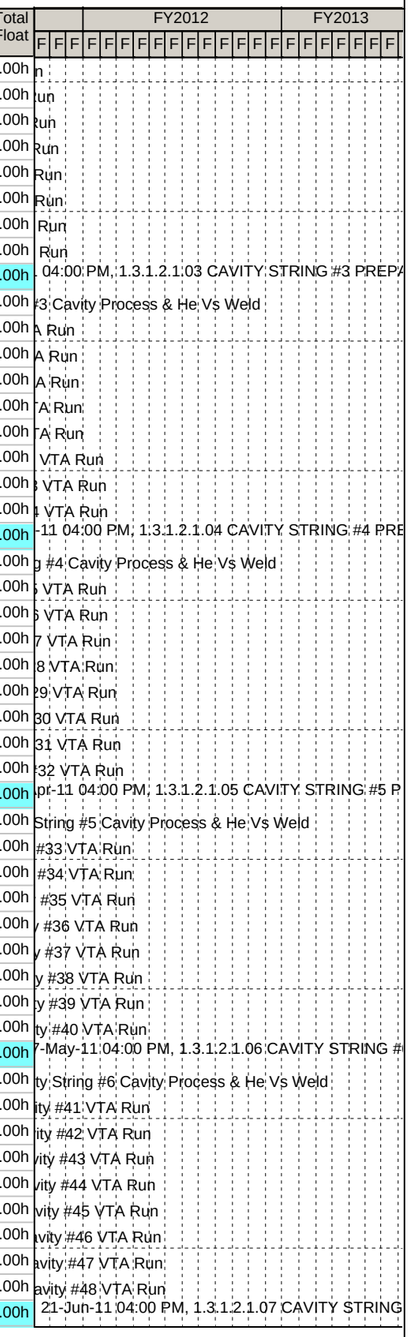
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131138020a	12-018F	Acceptance Warm Windows Phase 1	30-Jun-10 08:...	30-Jun-10 04...	0%	8.00h	8.00h	0.00h	$0.00	$43,129.62	$0.00	$43,129.62	2376.00h
131138020b	12-018F	Receive & Insp Warm Windows Lot 2 FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	56.88h	$2,914.25	$0.00	$195.34	$3,109.59	2376.00h
131138020ba	12-018F	Receive & Insp Warm Windows Lot 2 FY11	01-Oct-10 08:...	05-Nov-10 0...	0%	208.00h	208.00h	23.12h	$1,222.30	$0.00	$81.89	$1,304.19	2376.00h
131138020d	12-018F	Receive & Insp Warm Windows Lot 3	08-Nov-10 08:...	25-Mar-11 0...	0%	720.00h	720.00h	80.00h	$4,229.40	$0.00	$283.46	$4,512.86	2904.00h
131138020g	12-018F	Receive & Insp Warm Windows Lot 4	18-Apr-11 08:...	23-Aug-11 0...	0%	720.00h	720.00h	80.00h	$4,229.40	$0.00	$283.46	$4,512.86	2960.00h
131138025	12-018F	Vendor Fab Vacuum Components Labor Initial	05-Oct-09 08:...	30-Nov-09 0...	0%	312.00h	312.00h	75.60h	$4,142.60	$0.00	$4,642.37	$8,784.97	1152.00h
131138025a	12-018F	Vendor Fab Vacuum Components Labor Final	01-Dec-09 08:...	31-Aug-10 0...	0%	1488.00h	1488.00h	40.80h	$2,236.75	$0.00	$2,499.74	$4,736.49	1152.00h
131138025a5	12-018F	Vendor Fab Vacuum Components Labor Procurem...	05-Oct-09 08:...	31-Aug-10 0...	0%	1800.00h	1800.00h	0.00h	$0.00	$786,919.05	$0.00	$786,919.05	1152.00h
131138030	12-018F	Receive & Insp Vacuum Components	05-Feb-10 08:...	30-Sep-10 0...	0%	1328.00h	1328.00h	196.00h	$8,707.64	$0.00	$1,098.79	$9,806.43	1152.00h
131138035		Support for Diagnostic Components Procurement	05-Oct-09 08:...	06-Jan-10 04...	0%	480.00h	480.00h	140.00h	$7,432.80	$0.00	$7,142.11	$14,574.91	1784.00h
131138037		Diagnostic Components Procurement Lots 1 thru 4	04-Jan-10 08:...	31-Aug-10 0...	0%	1344.00h	1344.00h	0.00h	$0.00	$393,459.52	$0.00	$393,459.52	624.00h
131138040		Receive & Insp Diagnostic Components Lot 1	04-Aug-10 08:...	01-Sep-10 0...	0%	168.00h	168.00h	100.00h	$5,211.00	$0.00	$3,021.66	$8,232.66	624.00h
131138045	12-018F	Receive & Insp Diagnostic Components Lot 2 FY10	02-Sep-10 08:...	30-Sep-10 0...	0%	160.00h	160.00h	80.00h	$4,168.80	$0.00	$2,417.33	$6,586.13	1736.00h
131138045a	12-018F	Receive & Insp Diagnostic Components Lot 2 FY11	01-Oct-10 08:...	07-Oct-10 04...	0%	40.00h	40.00h	20.00h	$1,075.40	$0.00	$623.61	$1,699.01	1736.00h
131138050	12-018F	Receive & Insp Diagnostic Components Lot 3	08-Oct-10 08:...	11-Nov-10 0...	0%	200.00h	200.00h	100.00h	$5,377.00	$0.00	$3,118.05	$8,495.05	2464.00h
131138055	12-018F	Receive & Insp Diagnostic Components Lot 4	12-Nov-10 08:...	20-Dec-10 0...	0%	200.00h	200.00h	100.00h	$5,377.00	$0.00	$3,118.05	$8,495.05	2672.00h
131138060LOE	12-018F	SOTR Oversight FY10	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	256.00h	$16,857.60	$0.00	$0.00	$16,857.60	3200.00h
131138065LOE	12-018F	SOTR Oversight FY11	01-Oct-10 08:...	23-Aug-11 0...	0%	1768.00h	1768.00h	920.00h	$62,514.00	$0.00	$0.00	$62,514.00	3200.00h
1.3.1.1.3.9 SUPPORTS			01-Oct-09 08:...	16-Jul-10 04:...		1560.00h	1560.00h	156.00h	$8,154.04	$124,939.26	$6,043.32	$139,136.63	2088.00h
131139010	12-018F	Proc Supprts	01-Oct-09 08:...	11-Dec-09 0...	0%	400.00h	400.00h	36.00h	$2,040.84	$0.00	$0.00	$2,040.84	2088.00h
131139015	12-018F	Vend Fab - Supprts	14-Dec-09 08:...	24-Mar-10 0...	0%	520.00h	520.00h	80.00h	$4,443.60	$54,939.26	$5,493.93	$64,876.79	2088.00h
131139020	12-018F	Additional Support Baseplates	12-Jul-10 08:0...	16-Jul-10 04:...	0%	40.00h	40.00h	0.00h	$0.00	$70,000.00	$0.00	$70,000.00	2088.00h
131139025	12-018F	Receive & Insp Supprts	25-Mar-10 08:...	15-Apr-10 04...	0%	128.00h	128.00h	40.00h	$1,669.60	$0.00	$549.39	$2,218.99	2088.00h
1.3.1.1.4 INSTALLATION AND ASSEMBLY TOOLING PROCUREMENTS			01-Oct-09 08:...	04-Nov-10 0...		2184.00h	2184.00h	4560.00h	$227,481.30	$368,124.69	$38,289.63	$633,895.62	632.00h
13114010	12-018F	Vend Fab - Installtn & Assy Tooling	01-Oct-09 08:...	31-Mar-10 0...	0%	960.00h	960.00h	0.00h	$0.00	$68,124.69	$5,493.93	$73,618.61	1696.00h
13114012	12-018F	Vend Fab - Installtn & Assy Tooling Phase 2	01-Jul-10 08:0...	30-Sep-10 0...	0%	512.00h	512.00h	0.00h	$0.00	$300,000.00	$0.00	$300,000.00	632.00h
13114015	12-018F	Receive & Insp Installtn & Assy Tooling	01-Apr-10 08:...	28-Apr-10 04...	0%	160.00h	160.00h	480.00h	$25,012.80	$0.00	$2,197.58	$27,210.38	1696.00h
13114020	12-018F	Receive & Insp Installtn & Assy Tooling Phase 2 F...	10-Sep-10 08:...	30-Sep-10 0...	0%	120.00h	120.00h	1530.00h	$74,443.50	$0.00	$11,250.00	$85,693.50	632.00h
13114020a	12-018F	Receive & Insp Installtn & Assy Tooling Phase 2 F...	01-Oct-10 08:...	04-Nov-10 0...	0%	200.00h	200.00h	2550.00h	$128,025.00	$0.00	$19,348.13	$147,373.13	632.00h
1.3.1.1.5 CRYOMODULE TEST INSTRUMENTATION & INTERLOCKS PROCUREMENT			01-Oct-09 08:...	02-Feb-10 0...		640.00h	640.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2496.00h
13115010	12-018F	Vend Fab - Instrmenttn & Interlocks	01-Oct-09 08:...	04-Jan-10 04...	0%	480.00h	480.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2496.00h
13115015	12-018F	Receive & Insp Instrmenttn & Interlocks	05-Jan-10 08:...	02-Feb-10 0...	0%	160.00h	160.00h	0.00h	$0.00	$0.00	$0.00	$0.00	2496.00h
1.3.1.2 CAVITY STRING ASSEMBLY			05-Aug-10 08:...	21-Feb-12 0...		3040.00h	3040.00h	21264.00h	$1,130,181.30	$0.00	$273,656.13	$1,403,837.43	400.00h
1.3.1.2.1 CAVITY PREPARATION			05-Aug-10 08:...	16-Nov-11 0...		2568.00h	2568.00h	8424.00h	$474,879.62	$0.00	$101,410.47	$576,290.09	784.00h
1.3.1.2.1.01 CAVITY STRING #1 PREPERATION			05-Aug-10 08:...	05-Nov-10 0...		528.00h	528.00h	842.40h	$46,640.82	$0.00	$10,080.00	$56,720.82	808.00h
1312101002	12-018F	Cavity String #1 Cavity Processing	01-Nov-10 08:...	05-Nov-10 0...	0%	40.00h	40.00h	190.40h	$8,509.04	$0.00	$9,080.00	$17,589.04	808.00h
1312101005		Cavity String #1 Helium Vessel Welding	05-Aug-10 08:...	25-Aug-10 0...	0%	120.00h	120.00h	140.00h	$6,048.16	$0.00	$1,000.00	$7,048.16	456.00h
1312101030		Cavity #1 VTA Run	10-Sep-10 08:...	16-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101035		Cavity #2 VTA Run	15-Sep-10 08:...	21-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101040		Cavity #3 VTA Run	20-Sep-10 08:...	24-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101045		Cavity #4 VTA Run	23-Sep-10 08:...	29-Sep-10 0...	0%	40.00h	40.00h	64.00h	$3,956.80	$0.00	$0.00	$3,956.80	296.00h
1312101050		Cavity #5 VTA Run FY10	28-Sep-10 08:...	30-Sep-10 0...	0%	24.00h	24.00h	38.40h	$2,374.08	$0.00	$0.00	$2,374.08	296.00h
1312101050a		Cavity #5 VTA Run FY11	01-Oct-10 08:...	04-Oct-10 04...	0%	16.00h	16.00h	25.60h	$1,633.22	$0.00	$0.00	$1,633.22	296.00h
1312101055		Cavity #6 VTA Run	01-Oct-10 08:...	07-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312101060		Cavity #7 VTA Run	06-Oct-10 08:...	12-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312101065		Cavity #8 VTA Run	11-Oct-10 08:...	15-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1.3.1.2.1.02 CAVITY STRING #2 PREPARATION			08-Oct-10 08:...	19-Nov-10 0...		248.00h	248.00h	842.40h	$47,414.24	$0.00	$10,111.90	$57,526.14	768.00h
1312102002	12-018F	Cavity String #2 Cavity Processing	08-Nov-10 08:...	12-Nov-10 0...	0%	40.00h	40.00h	190.40h	$8,509.04	$0.00	$9,080.00	$17,589.04	808.00h
1312102005		Cavity String #2 Helium Vessel Welding	08-Oct-10 08:...	28-Oct-10 04...	0%	120.00h	120.00h	140.00h	$6,240.88	$0.00	$1,031.90	$7,272.78	296.00h



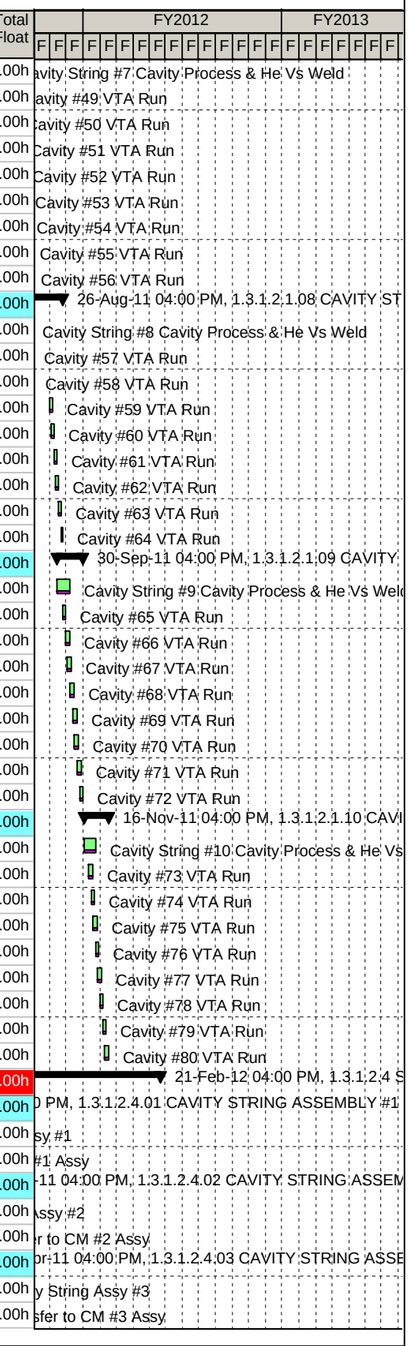
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1312102030		Cavity #9 VTA Run	15-Oct-10 08:...	21-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102035		Cavity #10 VTA Run	20-Oct-10 08:...	26-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102040		Cavity #11 VTA Run	25-Oct-10 08:...	29-Oct-10 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102045		Cavity #12 VTA Run	28-Oct-10 08:...	03-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102050		Cavity #13 VTA Run	02-Nov-10 08:...	08-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102055		Cavity #14 VTA Run	05-Nov-10 08:...	11-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102060		Cavity #15 VTA Run	10-Nov-10 08:...	16-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1312102065		Cavity #16 VTA Run	15-Nov-10 08:...	19-Nov-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	296.00h
1.3.1.2.1.03 CAVITY STRING #3 PREPARATION			15-Nov-10 08:...	01-Feb-11 0...		384.00h	384.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	792.00h
1312103005	12-018F	Cavity String #3 Cavity Process & He Vs Weld	15-Nov-10 08:...	08-Dec-10 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	808.00h
1312103030	12-018F	Cavity #17 VTA Run	23-Nov-10 08:...	01-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	808.00h
1312103035	12-018F	Cavity #18 VTA Run	30-Nov-10 08:...	06-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	808.00h
1312103040	12-018F	Cavity #19 VTA Run	03-Dec-10 08:...	09-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	808.00h
1312103045	12-018F	Cavity #20 VTA Run	08-Dec-10 08:...	14-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	808.00h
1312103050	12-018F	Cavity #21 VTA Run	13-Dec-10 08:...	17-Dec-10 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	808.00h
1312103055	12-018F	Cavity #22 VTA Run	18-Jan-11 08:...	24-Jan-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312103060	12-018F	Cavity #23 VTA Run	21-Jan-11 08:...	27-Jan-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312103065	12-018F	Cavity #24 VTA Run	26-Jan-11 08:...	01-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1.3.1.2.1.04 CAVITY STRING #4 PREPARATION			09-Dec-10 08:...	08-Mar-11 0...		448.00h	448.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	792.00h
1312104005	12-018F	Cavity String #4 Cavity Process & He Vs Weld	09-Dec-10 08:...	07-Jan-11 04...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	984.00h
1312104030	12-018F	Cavity#25 VTA Run	31-Jan-11 08:...	04-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104035	12-018F	Cavity#26 VTA Run	03-Feb-11 08:...	09-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104040	12-018F	Cavity#27 VTA Run	08-Feb-11 08:...	14-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104045	12-018F	Cavity#28 VTA Run	11-Feb-11 08:...	17-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104050	12-018F	Cavity#29 VTA Run	16-Feb-11 08:...	23-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104055	12-018F	Cavity#30 VTA Run	22-Feb-11 08:...	28-Feb-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104060	12-018F	Cavity#31 VTA Run	25-Feb-11 08:...	03-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312104065	12-018F	Cavity#32 VTA Run	02-Mar-11 08:...	08-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1.3.1.2.1.05 CAVITY STRING #5 PREPARATION			15-Feb-11 08:...	13-Apr-11 04...		328.00h	328.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	792.00h
1312105005	12-018F	Cavity String #5 Cavity Process & He Vs Weld	15-Feb-11 08:...	09-Mar-11 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	864.00h
1312105030	12-018F	Cavity #33 VTA Run	09-Mar-11 08:...	15-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105035	12-018F	Cavity #34 VTA Run	14-Mar-11 08:...	18-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105040	12-018F	Cavity #35 VTA Run	17-Mar-11 08:...	23-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105045	12-018F	Cavity #36 VTA Run	22-Mar-11 08:...	28-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105050	12-018F	Cavity #37 VTA Run	25-Mar-11 08:...	31-Mar-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105055	12-018F	Cavity #38 VTA Run	30-Mar-11 08:...	05-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105060	12-018F	Cavity #39 VTA Run	04-Apr-11 08:...	08-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312105065	12-018F	Cavity #40 VTA Run	07-Apr-11 08:...	13-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1.3.1.2.1.06 CAVITY STRING #6 PREPARATION			21-Mar-11 08:...	17-May-11 0...		336.00h	336.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	792.00h
1312106005	12-018F	Cavity String #6 Cavity Process & He Vs Weld	21-Mar-11 08:...	11-Apr-11 04...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	872.00h
1312106030	12-018F	Cavity #41 VTA Run	12-Apr-11 08:...	18-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106035	12-018F	Cavity #42 VTA Run	15-Apr-11 08:...	21-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106040	12-018F	Cavity #43 VTA Run	20-Apr-11 08:...	26-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106045	12-018F	Cavity #44 VTA Run	25-Apr-11 08:...	29-Apr-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106050	12-018F	Cavity #45 VTA Run	28-Apr-11 08:...	04-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106055	12-018F	Cavity #46 VTA Run	03-May-11 08:...	09-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106060	12-018F	Cavity #47 VTA Run	06-May-11 08:...	12-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312106065	12-018F	Cavity #48 VTA Run	11-May-11 08:...	17-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1.3.1.2.1.07 CAVITY STRING #7 PREPARATION			20-Apr-11 08:...	21-Jun-11 04...		352.00h	352.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	792.00h



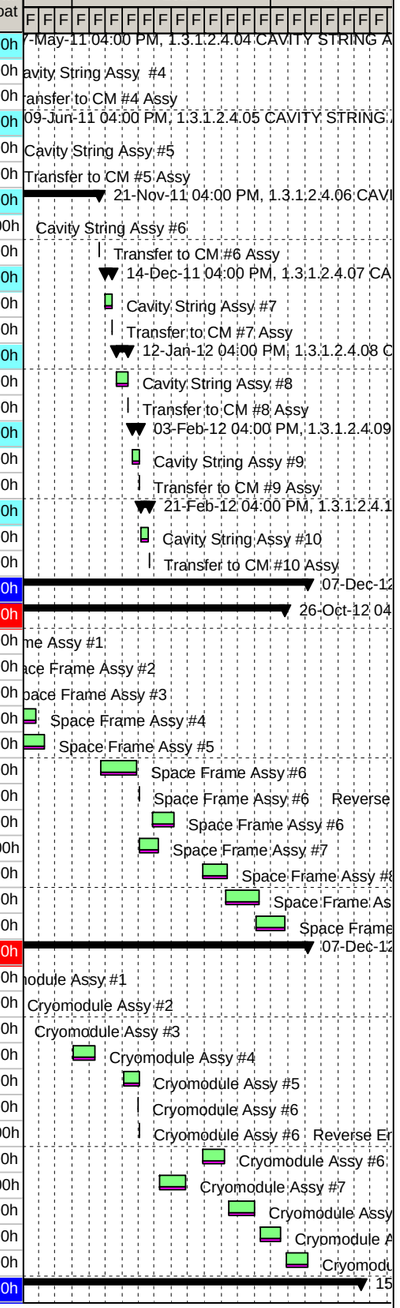
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1312107005	12-018F	Cavity String #7 Cavity Process & He Vs Weld	20-Apr-11 08:...	11-May-11 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	888.00h
1312107030	12-018F	Cavity #49 VTA Run	16-May-11 08:...	20-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107035	12-018F	Cavity #50 VTA Run	19-May-11 08:...	25-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107040	12-018F	Cavity #51 VTA Run	24-May-11 08:...	31-May-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107045	12-018F	Cavity #52 VTA Run	27-May-11 08:...	03-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107050	12-018F	Cavity #53 VTA Run	02-Jun-11 08:...	08-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107055	12-018F	Cavity #54 VTA Run	07-Jun-11 08:...	13-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107060	12-018F	Cavity #55 VTA Run	10-Jun-11 08:...	16-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312107065	12-018F	Cavity #56 VTA Run	15-Jun-11 08:...	21-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1.3.1.2.1.08 CAVITY STRING #8 PREPARATION			02-Jun-11 08:...	26-Aug-11 0...		488.00h	488.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	856.00h
1312108005	12-018F	Cavity String #8 Cavity Process & He Vs Weld	02-Jun-11 08:...	23-Jun-11 04...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	840.00h
1312108030	12-018F	Cavity #57 VTA Run	20-Jun-11 08:...	24-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312108035	12-018F	Cavity #58 VTA Run	23-Jun-11 08:...	29-Jun-11 04...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	792.00h
1312108040	12-018F	Cavity #59 VTA Run	01-Aug-11 08:...	05-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312108045	12-018F	Cavity #60 VTA Run	04-Aug-11 08:...	10-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312108050	12-018F	Cavity #61 VTA Run	09-Aug-11 08:...	15-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312108055	12-018F	Cavity #62 VTA Run	12-Aug-11 08:...	18-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312108060	12-018F	Cavity #63 VTA Run	17-Aug-11 08:...	23-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312108065	12-018F	Cavity #64 VTA Run	22-Aug-11 08:...	26-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1.3.1.2.1.09 CAVITY STRING #9 PREPARATION			15-Aug-11 08:...	30-Sep-11 0...		272.00h	272.00h	842.40h	$47,414.24	$0.00	$10,112.00	$57,526.24	856.00h
1312109005	12-018F	Cavity String #9 Cavity Process & He Vs Weld	15-Aug-11 08:...	06-Sep-11 0...	0%	128.00h	128.00h	330.40h	$14,749.92	$0.00	$10,112.00	$24,861.92	872.00h
1312109030	12-018F	Cavity #65 VTA Run	25-Aug-11 08:...	31-Aug-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109035	12-018F	Cavity #66 VTA Run	30-Aug-11 08:...	06-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109040	12-018F	Cavity #67 VTA Run	02-Sep-11 08:...	09-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109045	12-018F	Cavity #68 VTA Run	08-Sep-11 08:...	14-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109050	12-018F	Cavity #69 VTA Run	13-Sep-11 08:...	19-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109055	12-018F	Cavity #70 VTA Run	16-Sep-11 08:...	22-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109060	12-018F	Cavity #71 VTA Run	21-Sep-11 08:...	27-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1312109065	12-018F	Cavity #72 VTA Run	26-Sep-11 08:...	30-Sep-11 0...	0%	40.00h	40.00h	64.00h	$4,083.04	$0.00	$0.00	$4,083.04	856.00h
1.3.1.2.1.10 CAVITY STRING #10 PREPARATION			04-Oct-11 08:...	16-Nov-11 0...		256.00h	256.00h	842.40h	$48,924.89	$0.00	$10,434.57	$59,359.46	784.00h
1312110005	12-018F	Cavity String #10 Cavity Process & He Vs Weld	04-Oct-11 08:...	25-Oct-11 04...	0%	128.00h	128.00h	330.40h	$15,219.29	$0.00	$10,434.57	$25,653.86	784.00h
1312110030	12-018F	Cavity #73 VTA Run	12-Oct-11 08:...	18-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110035	12-018F	Cavity #74 VTA Run	17-Oct-11 08:...	21-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110040	12-018F	Cavity #75 VTA Run	20-Oct-11 08:...	26-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110045	12-018F	Cavity #76 VTA Run	25-Oct-11 08:...	31-Oct-11 04...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110050	12-018F	Cavity #77 VTA Run	28-Oct-11 08:...	03-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110055	12-018F	Cavity #78 VTA Run	02-Nov-11 08:...	08-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110060	12-018F	Cavity #79 VTA Run	07-Nov-11 08:...	11-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1312110065	12-018F	Cavity #80 VTA Run	10-Nov-11 08:...	16-Nov-11 0...	0%	40.00h	40.00h	64.00h	$4,213.20	$0.00	$0.00	$4,213.20	784.00h
1.3.1.2.4 STRING ASSEMBLY			01-Nov-10 08:...	21-Feb-12 0...		2552.00h	2552.00h	2840.00h	$655,301.68	$0.00	$172,245.66	$827,547.34	400.00h
1.3.1.2.4.01 CAVITY STRING ASSEMBLY #1			01-Nov-10 08:...	15-Nov-10 0...		88.00h	88.00h	1724.00h	$85,354.52	$0.00	$17,007.55	$102,362.07	296.00h
1312401000		Cavity String Assy #1	01-Nov-10 08:...	12-Nov-10 0...	0%	80.00h	80.00h	1724.00h	$85,354.52	$0.00	$17,007.55	$102,362.07	296.00h
1312401010		Transfer to CM #1 Assy	15-Nov-10 08:...	15-Nov-10 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
1.3.1.2.4.02 CAVITY STRING ASSEMBLY #2			22-Nov-10 08:...	07-Mar-11 0...		528.00h	528.00h	1484.00h	$74,196.92	$0.00	$17,007.55	$91,204.47	296.00h
1312402000		Cavity String Assy #2	22-Nov-10 08:...	07-Dec-10 0...	0%	80.00h	80.00h	1484.00h	$74,196.92	$0.00	$17,007.55	$91,204.47	296.00h
1312402010		Transfer to CM #2 Assy	07-Mar-11 08:...	07-Mar-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
1.3.1.2.4.03 CAVITY STRING ASSEMBLY #3			22-Mar-11 08:...	05-Apr-11 04...		88.00h	88.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	760.00h
1312403000	12-018F	Cavity String Assy #3	22-Mar-11 08:...	04-Apr-11 04...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	760.00h
1312403010	12-018F	Transfer to CM #3 Assy	05-Apr-11 08:...	05-Apr-11 04...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	760.00h



(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1.3.1.2.4.04 CAVITY STRING ASSEMBLY #4			03-May-11 08:...	17-May-11 0...		88.00h	88.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	640.00h
1312404000	12-018F	Cavity String Assy #4	03-May-11 08:...	16-May-11 0...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	640.00h
1312404010	12-018F	Transfer to CM #4 Assy	17-May-11 08:...	17-May-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	640.00h
1.3.1.2.4.05 CAVITY STRING ASSEMBLY #5			25-May-11 08:...	09-Jun-11 04...		88.00h	88.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	992.00h
1312405000	12-018F	Cavity String Assy #5	25-May-11 08:...	08-Jun-11 04...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	912.00h
1312405010	12-018F	Transfer to CM #5 Assy	09-Jun-11 08:...	09-Jun-11 04...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	992.00h
1.3.1.2.4.06 CAVITY STRING ASSEMBLY #6			17-Jun-11 08:...	21-Nov-11 0...		880.00h	880.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	400.00h
1312406000	12-018F	Cavity String Assy #6	17-Jun-11 08:...	30-Jun-11 04...	0%	80.00h	80.00h	1204.00h	$60,997.72	$0.00	$17,007.55	$78,005.27	1192.00h
1312406010	12-018F	Transfer to CM #6 Assy	21-Nov-11 08:...	21-Nov-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
1.3.1.2.4.07 CAVITY STRING ASSEMBLY #7			30-Nov-11 08:...	14-Dec-11 0...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312407000	12-018F	Cavity String Assy #7	30-Nov-11 08:...	13-Dec-11 0...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312407010	12-018F	Transfer to CM #7 Assy	14-Dec-11 08:...	14-Dec-11 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
1.3.1.2.4.08 CAVITY STRING ASSEMBLY #8			21-Dec-11 08:...	12-Jan-12 04...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312408000	12-018F	Cavity String Assy #8	21-Dec-11 08:...	11-Jan-12 04...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312408010	12-018F	Transfer to CM #8 Assy	12-Jan-12 08:...	12-Jan-12 04...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
1.3.1.2.4.09 CAVITY STRING ASSEMBLY #9			20-Jan-12 08:...	03-Feb-12 0...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312409000	12-018F	Cavity String Assy #9	20-Jan-12 08:...	02-Feb-12 0...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312409010	12-018F	Transfer to CM #9 Assy	03-Feb-12 08:...	03-Feb-12 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
1.3.1.2.4.10 CAVITY STRING ASSEMBLY #10			06-Feb-12 08:...	21-Feb-12 0...		88.00h	88.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312410000	12-018F	Cavity String Assy #10	06-Feb-12 08:...	17-Feb-12 0...	0%	80.00h	80.00h	1204.00h	$62,939.84	$0.00	$17,550.09	$80,489.93	400.00h
1312410010	12-018F	Transfer to CM #10 Assy	21-Feb-12 08:...	21-Feb-12 0...	0%	8.00h	8.00h	0.00h	$0.00	$0.00	$0.00	$0.00	400.00h
1.3.1.3 CRYOMODULE ASSEMBLY			16-Nov-10 08:...	07-Dec-12 0...		4088.00h	4088.00h	10392.00h	$1,848,110.08	$0.00	$210,330.16	$2,058,440.24	848.00h
1.3.1.3.01 SPACE FRAME ASSEMBLY			16-Nov-10 08:...	26-Oct-12 04...		3864.00h	3864.00h	20196.00h	$921,386.32	$0.00	$104,835.90	$1,026,222.22	848.00h
131301001	12-018F	Space Frame Assy #1	16-Nov-10 08:...	21-Jan-11 04...	0%	320.00h	320.00h	2560.00h	$125,732.00	$0.00	$10,319.00	$136,051.00	576.00h
131301002	12-018F	Space Frame Assy #2	08-Mar-11 08:...	25-Apr-11 04...	0%	280.00h	280.00h	2200.00h	$101,621.60	$0.00	$10,319.00	$111,940.60	296.00h
131301003	12-018F	Space Frame Assy #3	06-Apr-11 08:...	17-May-11 0...	0%	240.00h	240.00h	2080.00h	$93,477.60	$0.00	$10,319.00	$103,796.60	880.00h
131301004	12-018F	Space Frame Assy #4	15-Jun-11 08:...	27-Jul-11 04:...	0%	240.00h	240.00h	1908.00h	$83,887.36	$0.00	$10,319.00	$94,206.36	488.00h
131301005	12-018F	Space Frame Assy #5	30-Jun-11 08:...	11-Aug-11 0...	0%	240.00h	240.00h	1908.00h	$83,887.36	$0.00	$10,319.00	$94,206.36	880.00h
131301006	12-018F	Space Frame Assy #6	22-Nov-11 08:...	27-Jan-12 04...	0%	320.00h	320.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	736.00h
131301006a	12-018	Space Frame Assy #6 Reverse entry	01-Feb-12 08:...	01-Feb-12 0...	0%	8.00h	8.00h	-1908.00h	($86,556.08)	$0.00	($10,648.18)	($97,204.26)	944.00h
131301006b	12-018	Space Frame Assy #6	27-Feb-12 08:...	06-Apr-12 04...	0%	240.00h	240.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	944.00h
131301007	12-018	Space Frame Assy #7	03-Feb-12 08:...	08-Mar-12 0...	0%	192.00h	192.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	1016.00h
131301008	12-018	Space Frame Assy #8	29-May-12 08:...	13-Jul-12 04:...	0%	264.00h	264.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	848.00h
131301009	12-018	Space Frame Assy #9	09-Jul-12 08:0...	07-Sep-12 0...	0%	352.00h	352.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	888.00h
131301010	12-018	Space Frame Assy #10	04-Sep-12 08:...	26-Oct-12 04...	0%	312.00h	312.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	848.00h
1.3.1.3.02 CRYOMODULE ASSEMBLY			24-Jan-11 08:...	07-Dec-12 0...		3768.00h	3768.00h	20196.00h	$926,723.76	$0.00	$105,494.26	$1,032,218.02	848.00h
131302001	12-018F	Cryomodule Assy #1	24-Jan-11 08:...	21-Mar-11 0...	0%	320.00h	320.00h	2560.00h	$125,732.00	$0.00	$10,319.00	$136,051.00	576.00h
131302002		Cryomodule Assy #2	26-Apr-11 08:...	14-Jun-11 04...	0%	280.00h	280.00h	2200.00h	$101,621.60	$0.00	$10,319.00	$111,940.60	296.00h
131302003	12-018F	Cryomodule Assy #3	18-May-11 08:...	29-Jun-11 04...	0%	240.00h	240.00h	2080.00h	$93,477.60	$0.00	$10,319.00	$103,796.60	880.00h
131302004	12-018F	Cryomodule Assy #4	03-Oct-11 08:...	11-Nov-11 0...	0%	240.00h	240.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	120.00h
131302005	12-018F	Cryomodule Assy #5	05-Jan-12 08:...	02-Feb-12 0...	0%	160.00h	160.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	120.00h
131302006	12-018	Cryomodule Assy #6	30-Jan-12 08:...	31-Jan-12 04...	0%	16.00h	16.00h	190.80h	$8,655.61	$0.00	$1,064.82	$9,720.43	736.00h
131302006a	12-018	Cryomodule Assy #6 Reverse Entry	01-Feb-12 08:...	01-Feb-12 0...	0%	8.00h	8.00h	-190.80h	($8,655.61)	$0.00	($1,064.82)	($9,720.43)	1312.00h
131302006b	12-018	Cryomodule Assy #6	29-May-12 08:...	06-Jul-12 04:...	0%	224.00h	224.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	664.00h
131302007	12-018	Cryomodule Assy #7	09-Mar-12 08:...	26-Apr-12 04...	0%	280.00h	280.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	1016.00h
131302008	12-018	Cryomodule Assy #8	16-Jul-12 08:0...	31-Aug-12 0...	0%	280.00h	280.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	848.00h
131302009	12-018	Cryomodule Assy #9	10-Sep-12 08:...	19-Oct-12 04...	0%	240.00h	240.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	888.00h
131302010	12-018	Cryomodule Assy #10	29-Oct-12 08:...	07-Dec-12 0...	0%	224.00h	224.00h	1908.00h	$86,556.08	$0.00	$10,648.18	$97,204.26	848.00h
1.3.1.4 CRYOMODULE ACCEPTANCE TEST			22-Mar-11 08:...	15-Mar-13 0...		3944.00h	3944.00h	7820.00h	$497,379.40	$0.00	$52,911.72	$550,291.12	624.00h

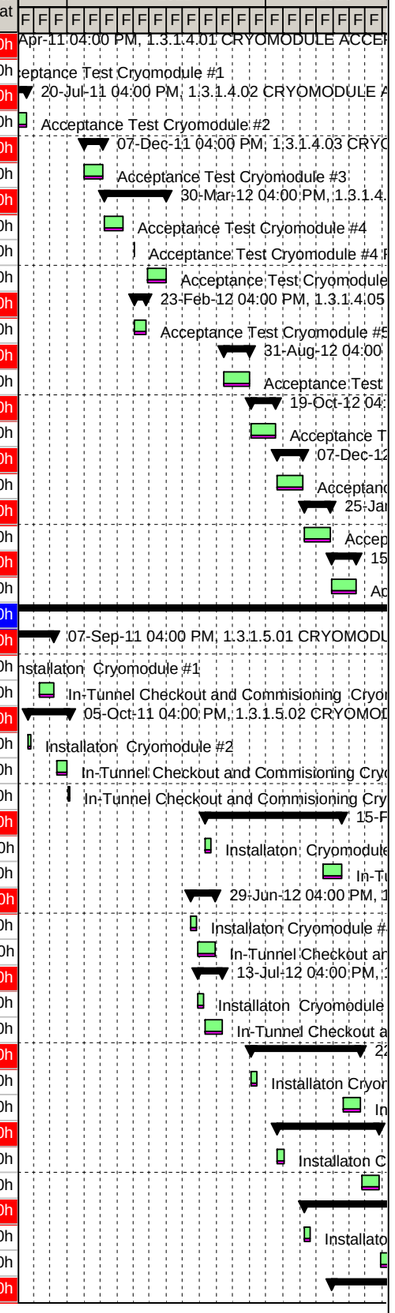


Primary Baseline | Remaining Work | Baseline Milestone
Actual Work | Critical Remaining Work | Milestone

TASK filter: WBS.

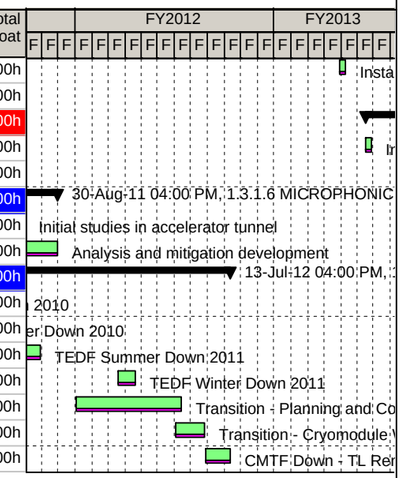
(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
1.3.1.4.01 CRYOMODULE ACCEPTANCE TEST #1			22-Mar-11 08:...	25-Apr-11 04...		200.00h	200.00h	1160.00h	$78,986.80	$0.00	$5,159.50	$84,146.30	576.00h
131401000		Acceptance Test Cryomodule #1	22-Mar-11 08:...	25-Apr-11 04...	0%	200.00h	200.00h	1160.00h	$78,986.80	$0.00	$5,159.50	$84,146.30	576.00h
1.3.1.4.02 CRYOMODULE ACCEPTANCE TEST #2			15-Jun-11 08:...	20-Jul-11 04:...		200.00h	200.00h	900.00h	$59,039.00	$0.00	$5,159.50	$64,198.50	296.00h
131402000		Acceptance Test Cryomodule #2	15-Jun-11 08:...	20-Jul-11 04:...	0%	200.00h	200.00h	900.00h	$59,039.00	$0.00	$5,159.50	$64,198.50	296.00h
1.3.1.4.03 CRYOMODULE ACCEPTANCE TEST #3			01-Nov-11 08:...	07-Dec-11 0...		200.00h	200.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	232.00h
131403000	12-018F	Acceptance Test Cryomodule #3	01-Nov-11 08:...	07-Dec-11 0...	0%	200.00h	200.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	232.00h
1.3.1.4.04 CRYOMODULE ACCEPTANCE TEST #4			08-Dec-11 08:...	30-Mar-12 0...		592.00h	592.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	120.00h
131404000	12-018F	Acceptance Test Cryomodule #4	08-Dec-11 08:...	12-Jan-12 04...	0%	160.00h	160.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	232.00h
131404005	12-018	Acceptance Test Cryomodule #4 Reverse Entry	01-Feb-12 08:...	01-Feb-12 0...	0%	8.00h	8.00h	-720.00h	($44,919.20)	$0.00	($5,324.09)	($50,243.29)	248.00h
131404010	12-018	Acceptance Test Cryomodule #4	27-Feb-12 08:...	30-Mar-12 0...	0%	200.00h	200.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	120.00h
1.3.1.4.05 CRYOMODULE ACCEPTANCE TEST #5			03-Feb-12 08:...	23-Feb-12 0...		112.00h	112.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	120.00h
131405000	12-018	Acceptance Test Cryomodule #5	03-Feb-12 08:...	23-Feb-12 0...	0%	112.00h	112.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	120.00h
1.3.1.4.06 CRYOMODULE ACCEPTANCE TEST #6			16-Jul-12 08:0...	31-Aug-12 0...		280.00h	280.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
131406000	12-018	Acceptance Test Cryomodule #6	16-Jul-12 08:0...	31-Aug-12 0...	0%	280.00h	280.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
1.3.1.4.07 CRYOMODULE ACCEPTANCE TEST #7			04-Sep-12 08:...	19-Oct-12 04...		272.00h	272.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
131407000	12-018	Acceptance Test Cryomodule #7	04-Sep-12 08:...	19-Oct-12 04...	0%	272.00h	272.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
1.3.1.4.08 CRYOMODULE ACCEPTANCE TEST #8			22-Oct-12 08:...	07-Dec-12 0...		264.00h	264.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
131408000	12-018	Acceptance Test Cryomodule #8	22-Oct-12 08:...	07-Dec-12 0...	0%	264.00h	264.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
1.3.1.4.09 CRYOMODULE ACCEPTANCE TEST #9			10-Dec-12 08:...	25-Jan-13 04...		224.00h	224.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
131409000	12-018	Acceptance Test Cryomodule #9	10-Dec-12 08:...	25-Jan-13 04...	0%	224.00h	224.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
1.3.1.4.10 CRYOMODULE ACCEPTANCE TEST #10			28-Jan-13 08:...	15-Mar-13 0...		272.00h	272.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
131410000	12-018	Acceptance Test Cryomodule #10	28-Jan-13 08:...	15-Mar-13 0...	0%	272.00h	272.00h	720.00h	$44,919.20	$0.00	$5,324.09	$50,243.29	624.00h
1.3.1.5 CRYOMODULE INSTALLATION AND TEST			23-May-11 08:...	09-Aug-13 0...		4416.00h	4416.00h	7408.00h	$451,716.18	$0.00	$52,939.15	$504,655.33	184.00h
1.3.1.5.01 CRYOMODULE #1 INSTALLATION AND TEST			23-May-11 08:...	07-Sep-11 0...		600.00h	600.00h	760.00h	$45,254.80	$0.00	$5,159.50	$50,414.30	152.00h
131501000		Installaton Cryomodule #1	23-May-11 08:...	27-May-11 0...	0%	40.00h	40.00h	40.00h	$1,722.80	$0.00	$0.00	$1,722.80	480.00h
131501005		In-Tunnel Checkout and Commisioning Cryomodu...	12-Aug-11 08:...	07-Sep-11 0...	0%	144.00h	144.00h	720.00h	$43,532.00	$0.00	$5,159.50	$48,691.50	152.00h
1.3.1.5.02 CRYOMODULE #2 INSTALLATION AND TEST			21-Jul-11 08:0...	05-Oct-11 04...		432.00h	432.00h	760.00h	$45,486.02	$0.00	$5,186.93	$50,672.95	96.00h
131502000		Installaton Cryomodule #2	21-Jul-11 08:0...	27-Jul-11 04:...	0%	40.00h	40.00h	40.00h	$1,722.80	$0.00	$0.00	$1,722.80	296.00h
131502005		In-Tunnel Checkout and Commisioning Cryomodul...	12-Sep-11 08:...	30-Sep-11 0...	0%	120.00h	120.00h	599.99h	$36,275.94	$0.00	$4,299.58	$40,575.52	96.00h
131502005a		In-Tunnel Checkout and Commisioning Cryomodul...	03-Oct-11 08:...	05-Oct-11 04...	0%	24.00h	24.00h	120.01h	$7,487.28	$0.00	$887.35	$8,374.63	96.00h
1.3.1.5.03 CRYOMODULE #3 INSTALLATION AND TEST			11-Jun-12 08:...	15-Feb-13 0...		1360.00h	1360.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131503000	12-018	Installaton Cryomodule #3	11-Jun-12 08:...	22-Jun-12 04...	0%	80.00h	80.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	1168.00h
131503005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	14-Jan-13 08:...	15-Feb-13 0...	0%	192.00h	192.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.04 CRYOMODULE #4 INSTALLATION AND TEST			14-May-12 08:...	29-Jun-12 04...		264.00h	264.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	2400.00h
131504000	12-018	Installaton Cryomodule #4	14-May-12 08:...	25-May-12 0...	0%	80.00h	80.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131504005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	29-May-12 08:...	29-Jun-12 04...	0%	184.00h	184.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	2400.00h
1.3.1.5.05 CRYOMODULE #5 INSTALLATION AND TEST			29-May-12 08:...	13-Jul-12 04:...		264.00h	264.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131505000	12-018	Installaton Cryomodule #5	29-May-12 08:...	08-Jun-12 04...	0%	64.00h	64.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	120.00h
131505005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	11-Jun-12 08:...	13-Jul-12 04:...	0%	200.00h	200.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.06 CRYOMODULE #6 INSTALLATION AND TEST			04-Sep-12 08:...	22-Mar-13 0...		1072.00h	1072.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131506000	12-018	Installaton Cryomodule #6	04-Sep-12 08:...	14-Sep-12 0...	0%	72.00h	72.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	888.00h
131506005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	19-Feb-13 08:...	22-Mar-13 0...	0%	192.00h	192.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.07 CRYOMODULE #7 INSTALLATION AND TEST			22-Oct-12 08:...	26-Apr-13 04...		1000.00h	1000.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131507000	12-018	Installaton Cryomodule #7	22-Oct-12 08:...	02-Nov-12 0...	0%	80.00h	80.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	800.00h
131507005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	25-Mar-13 08:...	26-Apr-13 04...	0%	200.00h	200.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.08 CRYOMODULE #8 INSTALLATION AND TEST			10-Dec-12 08:...	31-May-13 0...		928.00h	928.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131508000	12-018	Installaton Cryomodule #8	10-Dec-12 08:...	21-Dec-12 0...	0%	80.00h	80.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	736.00h
131508005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	29-Apr-13 08:...	31-May-13 0...	0%	192.00h	192.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.09 CRYOMODULE #9 INSTALLATION AND TEST			28-Jan-13 08:...	05-Jul-13 04:...		896.00h	896.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h



(c) Primavera Systems, Inc.

Activity ID	CR 12-018	Activity Name	Start	Finish	Physical % Complete	Original Duration	Remaining Duration	Budgeted Labor Units	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Total Float
131509000	12-018	Installaton Cryomodule #9	28-Jan-13 08:...	08-Feb-13 0...	0%	80.00h	80.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	704.00h
131509005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	03-Jun-13 08:...	05-Jul-13 04:...	0%	192.00h	192.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.5.10 CRYOMODULE #10 INSTALLATION AND TEST			18-Mar-13 08:...	09-Aug-13 0...		824.00h	824.00h	736.00h	$45,121.92	$0.00	$5,324.09	$50,446.01	120.00h
131510000	12-018	Installaton Cryomodule #10	18-Mar-13 08:...	29-Mar-13 0...	0%	80.00h	80.00h	40.00h	$1,777.60	$0.00	$0.00	$1,777.60	624.00h
131510005	12-018	In-Tunnel Checkout and Commisioning Cryomodul...	08-Jul-13 08:0...	09-Aug-13 0...	0%	200.00h	200.00h	696.00h	$43,344.32	$0.00	$5,324.09	$48,668.41	120.00h
1.3.1.6 MICROPHONICS			01-Jun-11 08:...	30-Aug-11 0...		512.00h	512.00h	4454.87h	$249,999.76	$0.00	$0.00	$249,999.76	176.00h
1316005		Initial studies in accelerator tunnel	01-Jun-11 08:...	30-Jun-11 04...	0%	176.00h	176.00h	2321.07h	$124,999.56	$0.00	$0.00	$124,999.56	176.00h
1316010		Analysis and mitigation development	24-Jun-11 08:...	30-Aug-11 0...	0%	376.00h	376.00h	2133.80h	$125,000.19	$0.00	$0.00	$125,000.19	176.00h
1.3.1.7 TEDF INTERFACE			10-Aug-10 08:...	13-Jul-12 04:...		3824.00h	3824.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1317000		TEDF Summer Down 2010	10-Aug-10 08:...	09-Sep-10 0...	0%	176.00h	176.00h	0.00h	$0.00	$0.00	$0.00	$0.00	296.00h
1317005	12-018F	TEDF Winter Down 2010	20-Dec-10 08:...	14-Jan-11 04...	0%	112.00h	112.00h	0.00h	$0.00	$0.00	$0.00	$0.00	792.00h
1317010	12-018F	TEDF Summer Down 2011	01-Jul-11 08:0...	29-Jul-11 04:...	0%	160.00h	160.00h	0.00h	$0.00	$0.00	$0.00	$0.00	784.00h
1317015		TEDF Winter Down 2011	19-Dec-11 08:...	20-Jan-12 04...	0%	144.00h	144.00h	0.00h	$0.00	$0.00	$0.00	$0.00	632.00h
1317020	12-018F	Transition - Planning and Coordination	03-Oct-11 08:...	13-Apr-12 04...	0%	1040.00h	1040.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1317025	12-018	Transition - Cryomodule Work Center	02-Apr-12 08:...	25-May-12 0...	0%	320.00h	320.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h
1317035	12-018	CMTF Down - TL Renovation	29-May-12 08:...	13-Jul-12 04:...	0%	264.00h	264.00h	0.00h	$0.00	$0.00	$0.00	$0.00	0.00h



(c) Primavera Systems, Inc.