

Activity ID	Activity Description	Forecast Start	Forecast Finish	% cmplt	ETC	FY08					FY09											
						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	C
<b>Included Closeout Scope</b>																						
<b>Brown</b>																						
<b>Job: 1803/1805- FPA Tooling/Constr-BROWN</b>																						
<b>Station 3-Modular Coil to VVSA Assembly</b>																						
1803S3-4	Generate laser screen trace drawings (1/2 period)	17JUL08A	06AUG08	25	8,016.30																	
1803S3-6	Station 3 simulation detail model	02JUN08A	01AUG08	75	5,676.00																	
1803S3-9	Oversite, cost and schedules, reviews	31JAN08A	30SEP08	LOE	2,649.42																	
1805S3-207	Misc assembly Cost	31JAN08A	30SEP08		3,763.26																	
<b>Job: 8203 - Design Integration-BROWN</b>																						
8203FY08-4	General integration activities	01FEB08A	30SEP08	LOE	10,521.38																	
<b>Brooks</b>																						
<b>Job: 8204 - Systems Analysis-BROOKS</b>																						
8204-FY08Z	Syst Analysis, studies & tech assurance FY08 etc	02JUN08A	30SEP08	LOE	31,624.75																	
<b>Chrzanowski</b>																						
<b>Job: 1352 - PF Coil Procurement-CHRZANOWSKI</b>																						
<b>PF Coil Fabrication</b>																						
141-038.1	PF Conductor cancellation cost	21FEB08A	18JUL08	C	93,150.00																	
<b>Job: 1408 - MC Winding Supplies-CHRZANOWSKI</b>																						
1408-3	Misc and safety supplies (\$7k/mo.)	23MAY07A	31JUL08	LOE	149.04																	
1408-6	VPI clean manifold contract	23MAY07A	31JUL08	80	2,484.00																	
1408-8	Cutting hardware for flange bolts	23MAY07A	31JUL08	LOE	273.24																	
1408-7	Misc tech shop support	23MAY07A	31JUL08	80	10,108.16																	
<b>Job: 1451 - Mod Coil Winding-CHRZANOWSKI</b>																						
<b>Station 3-Casting Prep &amp; Winding</b>																						
P1-170	Instl Chill Plates,Tubing,Bag A6	02JUN08A	11JUL08		43,117.62																	
<b>Station 5-VPI</b>																						
P1-171V	VPI (Station 5) A6	14JUL08	22JUL08		47,514.31																	
P3-171VM	COMPLETE VPI OF 18th MOD COIL		22JUL08		0.00																	
<b>Station 1 Post VPI</b>																						
P2-171C	Final Clamps & Warm Test (Station1) B6	02JUN08A	23JUL08	5	22,806.54																	
P1-171C	Final Clamps & Warm Test (Station1) A6	24JUL08	14AUG08		24,006.88																	
<b>LOE Oversight &amp; Supervision</b>																						
145XSPRV-3	Winding Engineering oversight and supervision	01MAY07A	30SEP08	LOE	31,832.46																	
145XSPRV-A	Winding Engineering oversight and supervision	01NOV07A	29AUG08	LOE	56,904.69																	
<b>Job: 1459 - Mod Coil Fabr.Punch List-CHRZANOWSKI</b>																						
<b>Punchlist Tech shop/RESA</b>																						
PLTS-C5	Grinding & Drill Holes -C5	01MAY08A	30JUL08	83	3,221.98																	
PLTS-A5	Grinding -A5	01MAY08A	30JUL08	0	6,949.36																	
PLTS-B5	Grinding -B5	01MAY08A	30JUL08	0	9,476.40																	
PLTS-A6	Grinding -A6	01MAY08A	29AUG08	20	3,095.62																	
PLTS-B6	Grinding -B6	01MAY08A	29AUG08	0	9,476.40																	
PLTS-C6	Grinding & Drill Holes -C6	01MAY08A	29AUG08	23	14,593.66																	



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						J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	C
810.105Z	Project Management Office ORNL FY09 (LOE)	01OCT08*	31MAR09	LOE	35,930.73													HILLIS etc =45 ; HARRIS etc =110				
<b>Heitzenroeder</b>																						
<b>Job: 8202 - Engr Mgmt &amp; Sys Eng Sprt-HEITZENROED</b>																						
Closeout Documentation																						
8205DC	document control & admin support	01FEB08A	31MAR09	LOE	21,307.22													SUCH etc =142hr ; TYRELL etc =21				
8205FY08.2	Engr mgt & systems engr FY08	01FEB08A	30SEP08	LOE	136,471.75													HEITZENROED etc =445hr ; SIMMONS etc =00 ; REIERSEN etc =89hr ; DUDEK etc =474 ; VONHALLE etc =89hr ;				
8205FY09	Engr mgt & systems engr FY09	01OCT08*	31MAR09	LOE	157,899.44													HEITZENROED etc =315h ; REIERSEN etc =126hr ; VONHALLE etc =126hr ; SIMMONS etc =00 ; DUDEK etc =333				
<b>Job: 8221 -Documentation Closeout-HEITZENROEDER</b>																						
Closeout Documentation																						
8221-100	Technical data collection	14JUL08*	12NOV08		629,463.19													SIMMONS =160hr ; BLANCHARD =40 ; BROOKS =100hr ; BROWN =375 ; CHRZANOWSKI =168hr ; COLE =80 ; DAHLGREN =40hr ; DODSON =40h ; DUDEK =32hr ; ELLIS =40 ; GORANSON =80hr ; Fogarty= 80 ; Phil =160; Kalish =56; labik =40; Jangish =24 ; freudenberg =120 ; Perry =16; Raftopoulos =220; Raki =16 ; rushinski =335 mike morris=20 ; sichta =80; smith = 14; strykowski =160; upcavage =215 ; viola = 158 ; williamson =80 ; Moon=10 ; Nelson=10; Harris= 20; Jun=100; Gentile=20; Lew Morris=335				
8221-251	Tech presentation/paper collection	14JUL08*	09OCT08		9,966.00													HAMPTON etc =100hr ; TYRELL etc =10				
8221-301	Guidance to collect data	02JUN08A	29SEP08		39,847.50													SIMMONS etc =300hr ;				
8221-305	Organizing and posting data	30SEP08	27MAR09		56,203.18													SIMMONS etc =300hr ;				
8221-401	Finalizing and archiving key analyses/reports	14JUL08*	09OCT08		138,362.12													FREUDENBERG etc =160hr ; DAHLGREN etc =160hr ; FAN etc =160hr ; AVASARALA etc =16 ; ZHANG etc =160hr ;				
8221-501	dell server, software, setup (non project cost)	14JUL08*	09OCT08		0.00													CARROL etc =200hr ; 41etc =18\$K ;				
8221-555	Comp. div support of web (non project cost)	14JUL08*	09OCT08		0.00													CARROL etc =160hr ;				
8221-575	Archiving doc & files in ops center	14JUL08*	26MAR09		18,108.37													SUCH etc =200hr ;				
8221-700	As-built Drawing Updates	01JUL08*	23DEC08		232,562.06													EA/SB Designers etc =1995hr ;				
<b>Kalish</b>																						
<b>Job: 1361 - TF Fabrication-KALISH</b>																						
TF Title III and Fabrication Oversight																						
131-033C	Title III engr,inspection, support	02JAN08A	18SEP08	LOE	28,562.95													KALISH etc =71hr ; 35etc =02\$K ; 41etc =00\$K ; EM/TB etc =00hr ; MEIGHAN etc =173hr ;				
TF Fabrication Contract																						
1361C-115	Fab, Test & Deliver Coil #15	17JUL08*	17JUL08		47,220.00													49etc =47 ;				
1361C-116	Fab, Test & Deliver Coil #16	08AUG08*	08AUG08		47,220.00													49etc =47 ;				
1361C-117	Fab, Test & Deliver Coil #17	02SEP08*	02SEP08		47,220.00													49etc =47 ;				
1361C-118	Fab, Test & Deliver Coil #18	24SEP08*	24SEP08		47,220.00													49etc =47 ;				
1351-195X	ALL TF COILS DELIVERED		24SEP08		0.00																	
<b>Job: 1354 - Trim Coil Design &amp;Procurement-KALISH</b>																						
Trim Coil **Updated estimate**																						
TRIM-170	Complete Trim Coil Detailed Drawings	25MAR08A	18JUL08	95	7,025.84													KALISH etc =14hr ; RUSHINSKI etc =10h ; CRUIKSHANK etc =80hr ;				
TRIM-200	Assy drawings & parts list	01APR08A	18JUL08	95	9,988.86													KALISH etc =04hr ; RUSHINSKI etc =10h ; CRUIKSHANK etc =80hr ;				
<b>Neilson</b>																						
<b>Job: 8222 - Manuscripts and Papers - NEILSON</b>																						
Prepare Closeout report																						
8222-900	Manuscripts, journal & papers (40 papers@40hrs)	02SEP08*	31MAR09		299,600.15													ea/em=800,em/em=400;travel=15				



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						J	J	A	S	O	N	D	J	F	M	A	M
<b>Job: 8221 -Documentation Closeout-HEITZENROEDER</b>																	
<b>Prepare Closeout report</b>																	
8221-602	Draft table of contents out for review		14JUL08*		0.00												
8221-604	DOE concurrence on table of contents		21JUL08*		0.00												
8221-606	Final Table of contents issued		28JUL08*		0.00												
8221-608	Chapter & Appendices writers assigned		28JUL08*		0.00												
8221-610	Writer guidance prepared & communicated		28JUL08*		0.00												
8221-612	Chapter outlines finalized		29AUG08*		0.00												
8221-614	Chapter Draftes complete		30SEP08*		0.00												
8221-616	Chapter Draft reviews complete		15OCT08*		0.00												
8221-618	Chapters Complete		17NOV08*		0.00												
8221-636	Executive summary complete		05DEC08*		0.00												
8221-639	Draft Report complete		05JAN09*		0.00												
8221-642	Report Reviews Complete		02FEB09*		0.00												
8221-646	DOE Concurrence		02MAR09*		0.00												
8221-649	Final Report Issued		31MAR09*		0.00												
8221-655	Submit NEPA form		18JUL08*		0.00												
<b>Strykowski</b>																	
<b>Job: 8998 - Allocations-STRYKOWSKY</b>																	
99.08	PPPL Allocations FY08	LOE	01OCT07A	29SEP08	LOE	106,859.48											54etc =88 ;
99.09C	PPPL Allocations FY09	LOE	01OCT08*	31MAR09	LOE	59,465.00											54 etc =35
<b>Viola</b>																	
<b>Job: 1802 - FP Assy Oversight&amp;Support-VIOLA</b>																	
<b>Oversight and Supervision</b>																	
1802ORN02	ORNL Title III field period assy station 2/3		02JUN08A	30SEP08	LOE	10,436.58											mcginnis=140
R1802-003	Metrology Engr Super FY08		01OCT07A	30SEP08	LOE	33,974.62											PRINISKI etc =293hr ;
R1802-007	FPA Management FY08		01OCT07A	30SEP08	LOE	64,563.00											VIOLA etc =558hr ;
R1802-009	PU Title III support		02JUN08A	30SEP08	LOE	47,244.29											SANDS etc =408hr ;
R1802-010	Drexel co-op student support		02JUN08A	31JUL08	LOE	1,290.30											DREXEL etc =168 ;
R1802-015	HP Coverage in the TFTR TC LOE FY08		01OCT07A	30SEP08	LOE	40,024.41											SH//TB etc =440hr ;
R1802-016	HP Coverage in the TFTR TC LOE FY09		01OCT08*	23DEC08	LOE	36,276.45											SH//TB etc =629hr ;
1802MISC	Misc materials,tools, GSA vehicle,rigging		01FEB08A	30SEP08	LOE	42,029.28											41etc =45\$K ;
<b>Station 3 procedures,JHA,ACC,Training,Prep</b>																	
R1802-309	JHA completed		16JUL08	23JUL08		0.00											
R1802-315	Pre-job brief completed		24JUL08	31JUL08		0.00											
R1802-320	Update FPA cost estimate for FPA station 2&3		15SEP08	19SEP08		0.00											
<b>Job: 1810 - Field Period AssyStation 1,2,3 VIOLA</b>																	
<b>General Assy Support</b>																	
R1810-003	LOE Crane support, fixture setupfor FY08		01OCT07A	30SEP08	LOE	41,868.31											EM//TB etc =704hr ;
R1810-025	Crane & Rigging inspections		01FEB08A	30SEP08	LOE	2,969.27											EM//TB etc =50hr ;
R1810-007	LOE Field Supervision for FY08		01OCT07A	30SEP08	LOE	59,509.70											EDWARDS etc =587hr ;
R1810-2001	Misc Hardware and hardware rework (1/2 fte loe)		01FEB08A	30SEP08	LOE	17,815.63											EM//TB etc =300hr ;
S21-4.02	Perform routine metrology set-up and checks (loe		01FEB08A	30SEP08	LOE	45,942.88											ZMET etc =525 ;
<b>Setup</b>																	
R1810-2034	Misc Tool and Hardware		02JUN08A	30SEP08	LOE	14,022.18											41etc =15\$K ;
<b>Pre-Measuring and fitup checks</b>																	
<b>Pre measurement of MCHP A2,B2,C2 flanges</b>																	
2-2-2.99	Drill Stycast fill holes C2		01JUL08*	03JUL08		9,476.40											EM//TB etc =120hr ;
<b>Station 2 MC subassy A1B1C1</b>																	
<b>AB-C MC Assembly</b>																	
2-1-7.37	Measure positions of all monuments		09JUL08*	09JUL08		2,234.30											EM//TB etc =00hr ; ZMET etc =19

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						J	J	A	S	J	O	N	D	J	F	M	A	M	J	J	A	S	C						
						EM//TB etc =00hr ; ZMET etc =38																							
2-1-7.38	Back office of above results & INSTALL wing supp	10JUL08	11JUL08		4,468.61	EM//TB etc =00hr ; ZMET etc =38																							
2-1-7.39	Fill all lose bushings with Stycast 2850FT	14JUL08	15JUL08		3,790.56	EM//TB etc =48hr ;																							
<b>Stycast shim bags &amp; final measurements</b>																													
2-1-8.01	Fill all wing bladders & cure	16JUL08	17JUL08		3,790.56	EM//TB etc =48hr ;																							
2-1-11.01	Measure tooling balls on all coils.	18JUL08	21JUL08		4,468.61	EM//TB etc =00hr ; ZMET etc =38																							
2-1-11.02	Install or identify three primary fiducials	22JUL08	23JUL08		4,468.61	EM//TB etc =00hr ; ZMET etc =38																							
2-1-11.03	Scan "B" flange Type-C coil & interfacing base	24JUL08	28JUL08		6,702.91	EM//TB etc =00hr ; ZMET etc =58																							
2-1-11.04	Measure bolt length on all tension fasteners	29JUL08	29JUL08		1,895.28	EM//TB etc =24hr ;																							
2-1-11.05	Perform Electrical Megger test on each coil	30JUL08	31JUL08		3,790.56	EM//TB etc =48hr ;																							
2-1-11.06	Mark part for identification	01AUG08	31JUL08		0.00	EM//TB etc =00hr ;																							
2-1-11.07	Install lift support beams	01AUG08	04AUG08		7,581.12	EM//TB etc =96hr ;																							
2-1-11.08	Remove from stand & measure weight of completed	05AUG08	05AUG08		3,790.56	EM//TB etc =48hr ;																							
2-1-11.09	Move to holding area.	06AUG08	07AUG08		7,581.12	EM//TB etc =96hr ;																							
S21-11.07M	Complete 1st MCHP Assy (Sta 2)		07AUG08		0.00	EM//TB etc =00hr ;																							
2-1-11.10	Lift upper wedge & reinstall & grout at Assembly	08AUG08	21AUG08		18,952.80	EM//TB etc =240hr ;																							
<b>Station 2 MC subassy A2B2C2</b>																													
<b>AB-C MC Assembly</b>																													
2-2-7.01	lift (A-B) coil, along with fixture, onto anot	02JUL08*	02JUL08		9,476.40	EM//TB etc =120hr ;																							
2-2-7.02	Select a subset of monuments for initial alignm	03JUL08	03JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.03	Align set of monuments selected in 7.02.	07JUL08	07JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.04	Establish a set of global monuments	08JUL08	08JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.05	Mark nose shim locations & puck locations.	09JUL08	09JUL08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.06	Place initial set shims (4-8) on Type-B	10JUL08	09JUL08		0.00	EM//TB etc =00hr ;																							
2-2-7.08	Lower mating "C" coil into position.	10JUL08	10JUL08		3,158.80	EM//TB etc =40hr ;																							
2-2-7.081	Perform alignment "C" coil tooling balls	11JUL08	11JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.09	Install jack screws & dial indicators	14JUL08	14JUL08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.10	Position coil within ±.002"	15JUL08	15JUL08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.11	Install shims studs, & "wiggle"	16JUL08	16JUL08		2,369.10	EM//TB etc =30hr ;																							
2-2-7.12	Torque50% of final value.	17JUL08	17JUL08		789.70	EM//TB etc =10hr ;																							
2-2-7.13	Measure position of all monuments	18JUL08	18JUL08		2,792.88	EM//TB etc =00hr ; ZMET etc =24																							
2-2-7.14	Measure shim puck height	21JUL08	21JUL08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.15	remove puck locating rings & install all nose s	22JUL08	22JUL08		4,738.20	EM//TB etc =60hr ;																							
2-2-7.16	"Lightly" tack weld nose flex shims	23JUL08	23JUL08		789.70	EM//TB etc =10hr ;																							
2-2-7.17	remove "C" coil & place it on a separate fixtur	24JUL08	24JUL08		3,158.80	EM//TB etc =40hr ;																							
2-2-7.18	Recheck part alignment & weld all Type-B flex s	25JUL08	25JUL08		5,585.76	EM//TB etc =00hr ; ZMET etc =48																							
2-2-7.19	After welding "B" coil nose shims recheck align	28JUL08	28JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.20	Back office assessment of part after weld	29JUL08	29JUL08		3,723.84	EM//TB etc =00hr ; ZMET etc =32																							
2-2-7.21	Measure "C" fiducials	29JUL08	29JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.22	Weld all Type-C (A-flange) flex shims plasma sid	30JUL08	30JUL08		3,158.80	EM//TB etc =40hr ;																							
2-2-7.23	After welding determine metrology acceptance	31JUL08	31JUL08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.24	Back office assessment	01AUG08	01AUG08		3,723.84	EM//TB etc =00hr ; ZMET etc =32																							
2-2-7.25	Remove shims for alignment mating coil	04AUG08	01AUG08		0.00	EM//TB etc =00hr ;																							
2-2-7.07	Place unfilled shim bags in wing areas	04AUG08	04AUG08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.26	Lower mating "C" coil into position.	05AUG08	05AUG08		3,158.80	EM//TB etc =40hr ;																							
2-2-7.261	alignment "C" coil tooling balls	06AUG08	06AUG08		1,861.92	EM//TB etc =00hr ; ZMET etc =16																							
2-2-7.27	position coil accurately in x, y, & z directio	07AUG08	07AUG08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.28	Install shims;studs,, & "wiggle"	08AUG08	08AUG08		2,369.10	EM//TB etc =30hr ;																							
2-2-7.29	Torque50% of final value.	11AUG08	11AUG08		789.70	EM//TB etc =10hr ;																							
2-2-7.30	Measure position of all monuments	12AUG08	12AUG08		2,792.88	ZMET etc =24 ;																							
2-2-7.31	Adjust shims locally. Re-torque all studs50%.	13AUG08	13AUG08		3,158.80	EM//TB etc =40hr ;																							
2-2-7.32	Install bushing. Replace nut & tighten back50%	14AUG08	14AUG08		4,738.20	EM//TB etc =60hr ;																							
2-2-7.33	After super bolt tightening, measure position	15AUG08	15AUG08		2,792.88	EM//TB etc =00hr ; ZMET etc =24																							
2-2-7.34	Tighten all bolts to final torque.	18AUG08	18AUG08		1,579.40	EM//TB etc =20hr ;																							
2-2-7.35	After tightening hardware, meas position of monu	19AUG08	19AUG08		2,792.88	ZMET etc =24 ; EM//TB etc =00h																							
2-2-7.36	Weld B / C nose region solenoid side	20AUG08	20AUG08		4,738.20	EM//TB etc =60hr ;																							

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						S	O	N	D	J	S	O	N	D	J	S	O	N	D	J	S	O	N	D	J	S	O	N	D	J	S	O	N	D	J	S	O	N	D	J
2-2-7.37	Measure positions of all monuments	21AUG08	21AUG08		1,861.92							EM//TB	etc =00hr ;	ZMET	etc =16																									
2-2-7.38	Back office of above results & INSTALL wing supp	22AUG08	22AUG08		3,723.84							EM//TB	etc =00hr ;	ZMET	etc =32																									
2-2-7.39	Fill all lose bushings with Stycast 2850FT	25AUG08	25AUG08		3,158.80							EM//TB	etc =40hr ;																											
<b>Stycast shim bags &amp; final measurements</b>																																								
2-2-8.01	Fill all wing bladders & cure	26AUG08	27AUG08		3,158.80							EM//TB	etc =40hr ;																											
2-2-8.02	Inject stycast in all shim spaces	28AUG08	29AUG08		3,158.80							EM//TB	etc =40hr ;																											
2-2-10.0	Complete local service & interface details	02SEP08	29AUG08		0.00							EM//TB	etc =00hr ;																											
2-2-11.01	Measure tooling balls on all coils.	02SEP08	03SEP08		3,723.84							EM//TB	etc =00hr ;	ZMET	etc =32																									
2-2-11.02	Install or identify three primary fiducials	04SEP08	05SEP08		3,723.84							EM//TB	etc =00hr ;	ZMET	etc =32																									
2-2-11.03	Scan "B" flange Type-C coil & interfacing base	08SEP08	10SEP08		5,585.76							EM//TB	etc =00hr ;	ZMET	etc =48																									
2-2-11.04	Measure bolt length on all tension fasteners	11SEP08	11SEP08		1,579.40							EM//TB	etc =20hr ;																											
2-2-11.05	Perform Electrical Megger test on each coil	12SEP08	15SEP08		3,158.80							EM//TB	etc =40hr ;																											
2-2-11.06	Mark part for identification	16SEP08	15SEP08		0.00							EM//TB	etc =00hr ;																											
2-2-11.07	Install lift support beams	16SEP08	17SEP08		6,317.60							EM//TB	etc =80hr ;																											
2-2-11.08	Remove from stand & measure weight of completed	18SEP08	18SEP08		3,158.80							EM//TB	etc =40hr ;																											
2-2-11.09	Move to holding area.	19SEP08	22SEP08		6,317.60							EM//TB	etc =80hr ;																											
<b>Station 3 Setup/Preparations/General</b>																																								
<b>Misc Prep activities</b>																																								
R1810-3113	Procure wire rope slings & 6 17ton shackles	01JUL08	09JUL08		18,845.20							41etc =05\$	k ; EM//TB	etc =160hr ;																										
<b>Station 3-Assemble Mod Coils and VVSA-FP#1</b>																																								
<b>Set-up and Prep</b>																																								
3-1-1.01	transfer CAD models	01JUL08*	10JUL08		13,033.44							ZMET	etc =112 ;																											
3-1-1.02	Install Station 3 site monuments	30JUN08A	06AUG08	10	11,527.16							41etc =02\$	k ; EM//TB	etc =60hr ;	ZMET	etc =48 ;																								
3-1-1.021	Design, fabricate and calibrate photogrammetry	02JUN08A	28JUL08	50	25,303.80							41etc =03\$	k ; EM//TB	etc =240hr ;	ZMET	etc =240 ;																								
3-1-1.07	Reconfirm Leica position	04AUG08	06AUG08		5,585.76							ZMET	etc =48 ;																											
<b>Install Laser Screen</b>																																								
3-1-6.02	Place all laser screens	07AUG08	08AUG08		6,882.64							EM//TB	etc =40hr ;	ZMET	etc =32																									
3-1-6.03	Turn each lasers on & measure each laser source	11AUG08	11AUG08		4,129.58							EM//TB	etc =24hr ;	ZMET	etc =19																									
3-1-6.04	Print path on milar paper	12AUG08	11AUG08		0.00							EM//TB	etc =00hr ;																											
3-1-6NEW	Dry-run MCHP thru laser screen path without VVSA	12AUG08	15AUG08		10,108.16							EM//TB	etc =128hr ;																											
<b>Install Vacuum Vessel</b>																																								
3-1-7.02	Install VV NBI port support stand.	18AUG08	19AUG08		3,790.56							EM//TB	etc =48hr ;																											
3-1-7.03	Install VVSA to base support and make connection	20AUG08	20AUG08		1,895.28							EM//TB	etc =24hr ;																											
3-1-7.04	take tooling ball readings and secure VVSA	21AUG08	22AUG08		3,790.56							EM//TB	etc =48hr ;																											
3-1-7.05	Scan VV surface and compare data	25AUG08	27AUG08		6,702.91							ZMET	etc =58 ;	EM//TB	etc =00h																									
<b>Trial fit MCHP over VV</b>																																								
3-1-8.01	Install any bumper protection components on the	28AUG08	28AUG08		947.64							EM//TB	etc =12hr ;																											
3-1-8.03	Install MCHP lift fixture, disengage leveler	29AUG08	02SEP08		3,790.56							EM//TB	etc =48hr ;																											
3-1-8.05	Move right MCHP over the VV	03SEP08	05SEP08		18,074.59							EM//TB	etc =144hr ;	ZMET	etc =58																									
3-1-8.05M	MCHP test fit over VVSA Complete		05SEP08		0.00							EM//TB																												
3-1-6.05	Disengage the right MCHP & position on floor	08SEP08	08SEP08		1,895.28							EM//TB	etc =24hr ;																											