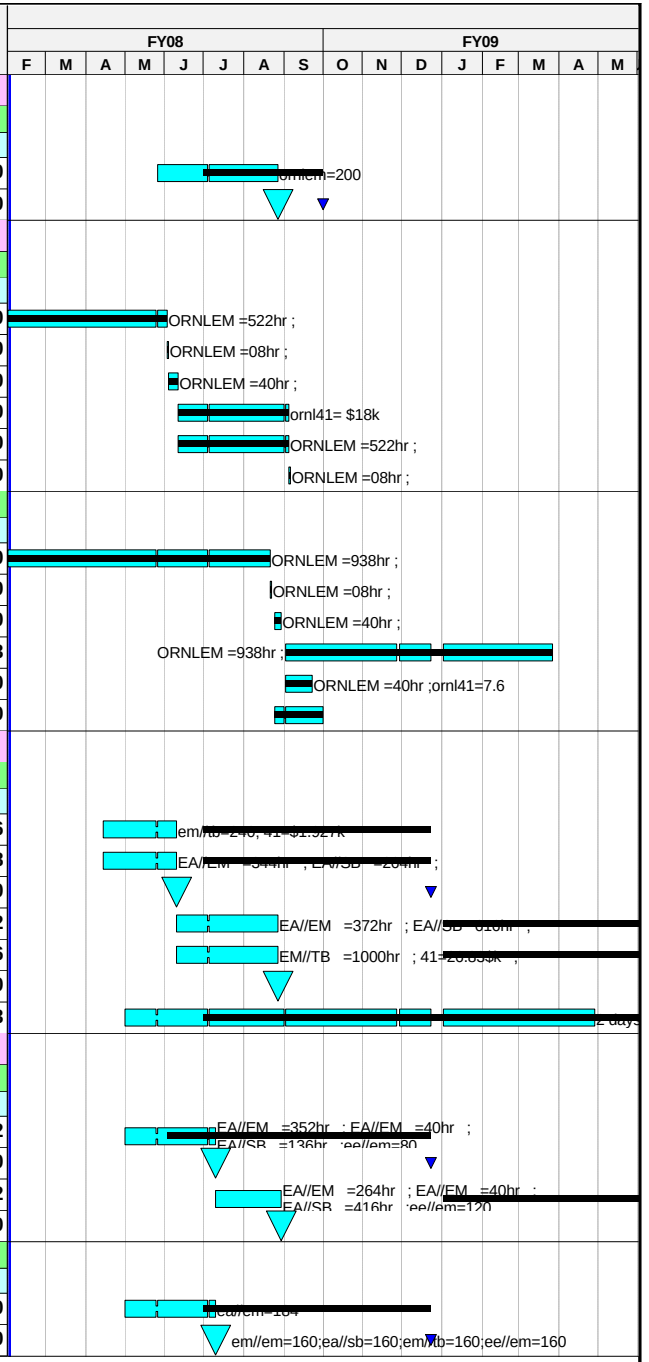
Activity ID	WPWP	Activity Description	Duration (work days	Accelerated Start	Accelerated Finish	Variance 1 Early Finish	Total Float	April 2008 Lehman Baseline	Cost to Complete
Job: 1260 NB Transition Ducts- GORANSON									
1260-90	R	Prep for PDR	65	27MAY08*	26AUG08	24	342	30SEP08	30,200.00
1260-95	R	PDR	0		26AUG08	24	342	30SEP08	0.00
Job: 1601 - Coil Services Design-GORANSON									
161 - LN2 Distribution									
191-001	R	Title I design WBS 161 LN2 manifolds&piping	166*	01OCT07A	02JUN08	0	231	02JUN08	48,937.50
191-002	R	LN2 manifolds&piping- PDR	1	03JUN08	03JUN08	0	231	03JUN08	1,208.00
161-003	R	Resolve PDR comments	5	04JUN08	10JUN08	0	231	10JUN08	6,040.00
161-011A	R	R&D build mounts & lead terminations	60	11JUN08	04SEP08	0	231	04SEP08	24,040.00
191-011	R	Title II design WBS 161 LN2 manifolds&piping	60	11JUN08	04SEP08	0	231	04SEP08	65,250.00
191-012	R	LN2 manifolds&piping - FDR	1	05SEP08	05SEP08	0	231	05SEP08	1,208.00
162 - Electrical Leads									
132-001	R	Title I design WBS 162 Coil leads	180*	03DEC07A	21AUG08	0	241	21AUG08	91,800.00
132-002	R	Electrical Coil leads - PDR	1	22AUG08	22AUG08	0	241	22AUG08	1,208.00
162-003	R	Resolve PDR comments	5	25AUG08	29AUG08	0	337	29AUG08	6,040.00
132-011	R	Title II design WBS 162 Coil leads	139	02SEP08	26MAR09	0	337	26MAR09	119,231.03
162-011A	R	R&D pressure drop simulation	15	02SEP08	22SEP08	0	461	22SEP08	13,640.00
162-013	R	Release final drawings for MC lead stubs	26	25AUG08	30SEP08	0	241	30SEP08	0.00
Job: 1701 - Cryostat Design-RAFTOPOLOUS									
1701-099	R	Cryostat- Tabletop Prototype	40	14APR08*	09JUN08	137	327	23DEC08	21,349.86
1701-100	R	Cryostat- Conceptual Design	40	14APR08*	09JUN08	137	327	23DEC08	91,314.08
1701-100M	R	Cryostat- CDR	0		09JUN08	137	327	23DEC08	0.00
1701-101	R	Cryostat- Preliminary Design	55	10JUN08	26AUG08	212	327	06JUL09	136,795.12
1701-103	R	Cryostat-R&D/prototype	55	10JUN08	26AUG08	212	327	06JUL09	112,292.86
1701-121	R	Cryostat- PDR	0		26AUG08	212	327	06JUL09	0.00
1751-169	R	Cryostat & Cryogenic systems cryo consultant	247	01MAY08*	28APR09	42	1,380	26JUN09	42,549.63
Job: 6201 - Cryogenic Syst-RAFTOPOLOUS									
621 - LN2 Supply & LN2 coil cooling supply									
62122-300	R	Conceptual Design	48	01MAY08*	09JUL08	116	347	23DEC08	97,809.92
62122-310	R	CDR	0		09JUL08	116	347	23DEC08	0.00
62122-320	R	Preliminary Design	37	10JUL08	29AUG08	289	421	27OCT09	120,823.92
62122-330	R	PDR	0		29AUG08	289	421	27OCT09	0.00
623 - GN2 Cryostat Cooling System									
623-099	R	GN2 Cryostat Cooling Sys Conceptual design	48	01MAY08*	09JUL08	116	347	23DEC08	32,586.40
623-100	R	GN2 Cryostat Cooling Sys CDR	0		09JUL08	116	347	23DEC08	0.00



Run Date 11APR08 11:54

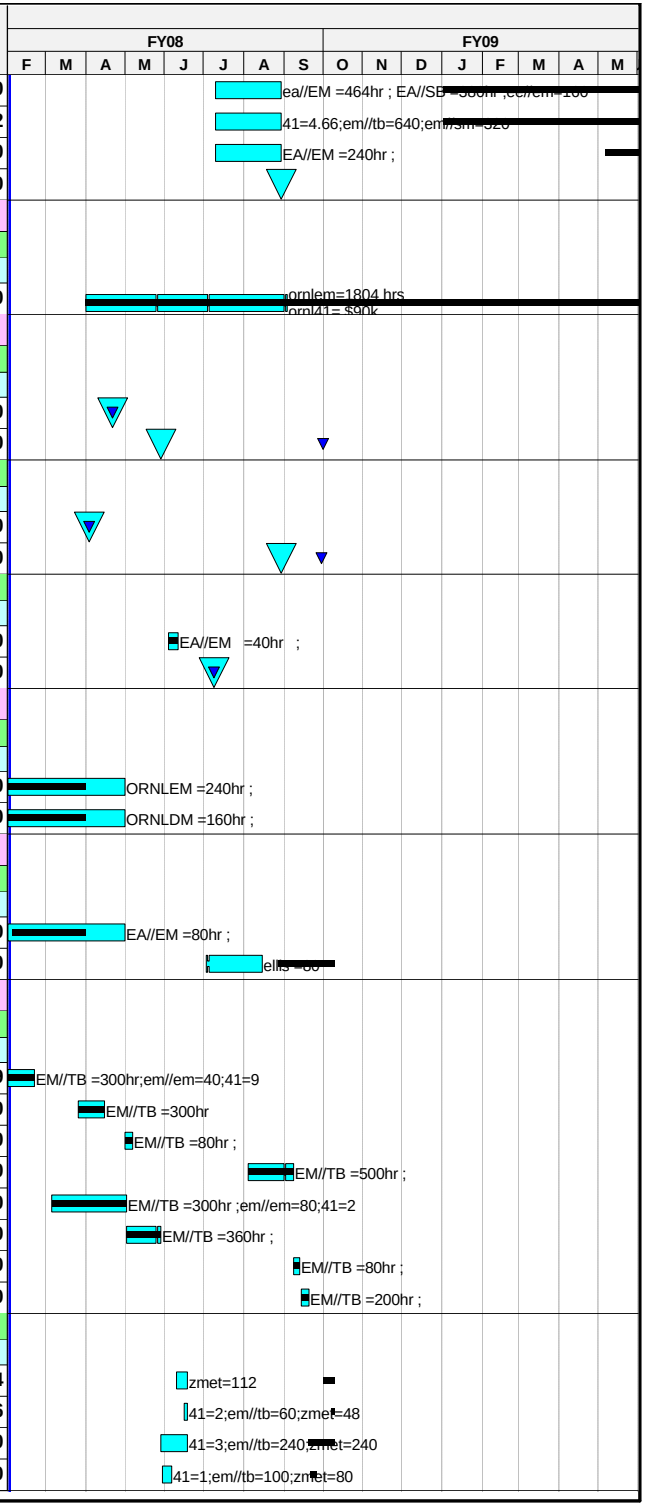
Post Lehman Accelerated Plan
zProposed Baseline
Progress Bar
Critical Activity

RBAC

NCSX Project
Post Lehman Accelerated Plan

Sorted by Job Manager

Activity ID	WPWP	Activity Description	Duration (work days	Accelerated Start	Accelerated Finish	Variance 1 Early Finish	Total Float	April 2008 Lehman Baseline	Cost to Complete
623-101	R	GN2 Cryostat Cooling Sys-Preliminary Design	37	10JUL08	29AUG08	209	347	06JUL09	151,380.80
623-102	R	GN2 Cryostat Cooling Sys-Fab & test prototype	37	10JUL08	29AUG08	209	347	06JUL09	98,075.72
623-121	R	GN2 Cryostat Cooling Sys-Cooldown& thermal anlys	37	10JUL08	29AUG08	209	347	06JUL09	42,504.00
623-141	R	GN2 Cryostat Cooling Sys PDR	0		29AUG08	209	347	06JUL09	0.00
Job: 1901 - Stellarator Core Mngtt&Integr-COLE									
192 - Stellarator Core Integr & Global Analysis									
RISKMIT	R	Risk mitigation tasks	109	01APR08*	03SEP08	516	1,540	30SEP10	362,404.00
Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK									
Station 3-Modular Coil to VVSA Assembly									
1803S3-3M	R	Station 3 alignment FDR	0		21APR08	0	267	21APR08	0.00
1803S3-10	R	Complete station 3 design & analysis	0		28MAY08	87	262	30SEP08	0.00
Station 5-Final Field Period Assembly									
1803-5.6	R	Station 5 FDR	0		03APR08	0	240	03APR08	0.00
1803S5-15	R	Complete station 5 design	0		29AUG08*	20	264	29SEP08	0.00
6.00-Final Machine Assembly									
1803S6-8	R	Station 6 PDR - all systems	5	04JUN08*	10JUN08	0	479	10JUN08	7,084.00
1803-6.6	R	Station 6 FDR	0		08JUL08	0	251	08JUL08	0.00
Job: 1806 - FP Assembly specs and drawings-COLE									
Station 3-Modular Coil to VVSA Assembly									
1803-301	R	Station 3 Assembly Specification	207*	02JUL07A	30APR08	-22	207	31MAR08	25,368.00
1803-305	R	Station 3 Assembly Drawings	207*	02JUL07A	30APR08	-22	207	31MAR08	6,336.00
Job: 8205 - Dimensional Control Coordin-ELLIS									
METDCP-3	R	Dimensional control plans for station 3	65	31JAN08	30APR08	-22	207	31MAR08	26,210.80
STAT3 PREP	R	Station 3 preparations	30	03JUL08	14AUG08	57	207	04NOV08	14,168.00
Job: 1810 - Field Period AssyStation 1,2,3 VIOLA									
Station 1-VV Prep (hard surface components) FP#1									
R1810-1188	R	Design and build flow test	37*	01JAN08A	21FEB08	0	364	21FEB08	13,425.89
R1810-1108	R	Perform final acceptance testing (H/C flow test)	15	26MAR08*	15APR08	0	341	15APR08	23,691.00
R1810-1110	R	Install Final Internal&Ext monuments & meas	4	01MAY08	06MAY08	0	310	06MAY08	6,317.60
R1810-1114	R	Install heater tape on all removable ports	25	04AUG08	08SEP08	0	249	08SEP08	41,969.00
R1810-1100	R	Design & Build heater& thermo termination box	41	06MAR08*	01MAY08	0	342	01MAY08	35,993.40
R1810-1101	R	heater& thermo termination & verification	18	02MAY08	28MAY08	0	342	28MAY08	28,429.20
R1810-1111	R	Final Scan	4	09SEP08	12SEP08	0	271	12SEP08	6,317.60
R1810-1113	R	Prepare &transfer completed VV to holding area	5	15SEP08	19SEP08	0	271	19SEP08	15,794.00
Station 3-Assemble Mod Coils and VVSA-FP#1									
Set-up and Prep									
3-1-1.01	R	transfer CAD models	7	10JUN08	18JUN08	97	240	04NOV08	13,033.44
3-1-1.02	R	Install Station 3 site monuments	3	16JUN08	18JUN08	97	240	04NOV08	12,807.96
3-1-1.021	R	Design, fabricate and calibrate photogrammetry	15	29MAY08	18JUN08	97	240	04NOV08	50,607.60
3-1-1.03	R	Install floor mounted tracks and the VV base sup	5	30MAY08	05JUN08	97	240	22OCT08	18,448.60



Activity ID	WPWP	Activity Description	Duration (work days	Accelerated Start	Accelerated Finish	Variance 1 Early Finish	Total Float	April 2008 Lehman Baseline	Cost to Complete
3-1-1.04	R	Install MCHP left support stand. Position to .0	3	06JUN08	10JUN08	97	240	27OCT08	10,323.96
3-1-1.05	R	Install the MCHP right support stand;	3	11JUN08	13JUN08	97	240	30OCT08	4,738.20
3-1-1.06	R	Install alignment brackets, jack screws dial ind	3	16JUN08	18JUN08	97	240	04NOV08	10,948.20
3-1-1.07	R	Reconfirm Leica position	3	16JUN08	18JUN08	97	240	04NOV08	5,585.76
3-0-PLAT.1	R	Install station 3 platforms FP#1(8 required)	10	05JUN08	18JUN08	97	240	04NOV08	22,111.60
Pre-assemble LEFT MCHP									
R1810-2109	R	Begin Station 3	0	15AUG08		57	207		0.00
3-1-2.01	R	Position left MCHP over left support	1	15AUG08	15AUG08	57	207	05NOV08	3,790.56
3-1-2.02	R	Secure left MCHP to vertical support posts	1	18AUG08	18AUG08	57	207	06NOV08	1,895.28
3-1-2.03	R	Measure all chosen monuments	2	19AUG08	20AUG08	57	207	10NOV08	3,723.84
3-1-2.04	R	Measure the Type-A and Type-C end flanges while	2	21AUG08	22AUG08	57	207	12NOV08	4,468.61
3-1-2.05	R	Allow time for the back office to review the me	2	25AUG08	26AUG08	57	1,494	14NOV08	4,468.61
3-1-2.06	R	Mark nose shim locations & pucks	1	25AUG08	25AUG08	57	207	13NOV08	1,895.28
Install Laser Screen									
3-1-6.02	R	Place all laser screens	2	19JUN08*	20JUN08	156	240	10FEB09	6,882.64
3-1-6.03	R	Turn each lasers on & measure each laser source	1	23JUN08	23JUN08	156	240	11FEB09	4,129.58
3-1-6.04	R	Print path on milar paper	0	24JUN08	23JUN08	156	240	11FEB09	0.00
3-1-6.05	R	Disengage the right MCHP & move to far right	1	24JUN08	24JUN08	156	240	12FEB09	1,895.28
3-1-6.06	R	Remove the left MCHP test laser path	2	25JUN08	26JUN08	156	240	16FEB09	20,282.00
3-1-6.07	R	Place left MCHP in temp location	0	27JUN08	26JUN08	156	240	16FEB09	0.00
Install Vacuum Vessel									
3-1-7.02	R	Install VV NBI port support stand.	2	27JUN08	30JUN08	156	240	18FEB09	3,790.56
3-1-7.03	R	Install VVSA to base support and make connection	1	01JUL08	01JUL08	156	240	19FEB09	1,895.28
3-1-7.04	R	take tooling ball readings and secure VVSA	2	02JUL08	03JUL08	156	240	23FEB09	3,790.56
3-1-7.05	R	Scan VV surface and compare data	3	07JUL08	09JUL08	156	240	26FEB09	6,702.91
Install RIGHT MCHP over VV									
3-1-8.01	R	Install any bumper protection components on the	1	26AUG08	26AUG08	123	207	27FEB09	947.64
3-1-8.03	R	Install MCHP lift fixture, disengage leveler	2	27AUG08	28AUG08	123	207	03MAR09	3,790.56
3-1-8.04	R	Re-install the right adjustor bar.	0	29AUG08	28AUG08	123	207	03MAR09	0.00
3-1-8.05	R	Move right MCHP over the VV	3	29AUG08	03SEP08	123	207	06MAR09	18,074.59