

Activity ID	MILE-stones (level 2 & 3)	RLMS	Activity Description	Duration (work days)	Baseline Start	Baseline Finish	FY07	FY08	FY09	FY10	FY11
cc 9450 - NCSX Fabrication (MIE)											
1 - Stellarator Core Systems											
13 - Conventional Coils											
Job: 1302 - PF Design -KALISH											
1302-225		R	PF Coil PDR	2	10DEC07	11DEC07					
1302-270	3	R	PF FDR	2	21MAR08	24MAR08					
Job: 1354 - Trim Coil Design &Procurement-KALISH											
Trim Coils											
1303-110		R	Trim Coil FDR	1	12DEC08*	12DEC08					
Job: 1355 - WBS 13 I&C Proc and Coil Assy-KALISH											
TF/PF Loacl I&C											
1355-105		R	FDR	1	23MAY08	23MAY08					
14 - Modular Coils											
Job: 1421 - Mod Coil Interface Design-WILLIAMSON											
Outboard Interface											
INTRF-046	3	R	FDR outboard shims	0		18JUL07					
Inboard Interface-Design											
1421-3132		R	PDR to review requirements, design,&development	0		01AUG07					
Inboard Interface-AB/BC/AA											
C											
INTRF-054		R	FDR prep AB/BC/AA inboard shims	5	28AUG07	04SEP07					
Inboard Interface-CC											
1421-3144	3	R	FDR C-C Shims	0		07JAN08					

Run Date 15AUG07 15:49



 Baseline
 Progress Bar
 Critical Activity

ETCL

NCSX Project
 Resource Loaded Schedule
 JULY 3,2007

Sheet 1 of 6

SUMMARY

Activity ID	MILE-stones (level 2 & 3)	RLMS	Activity Description	Duration (work days)	Baseline Start	Baseline Finish	FY07	FY08	FY09	FY10	FY11
Overall MC Interface											
C											
1421-3136	2	R	Conduct BC,AB,AA,Interface FDR incl job 1416	0		04SEP07					

							LEVEL II MILESTONE DATE				
							NOVEMBER 2007				

15 - Coil Structures											
Job: 1501 - Coil Structures Design-DAHLGREN											
1501-525P	3	R	PDR	1	20JUL07*	20JUL07					
1501-541	3	R	FDR Coil Structures	1	21SEP07	21SEP07					
							EA//EM =04hr ; EA//DM =04 ;				
							EA//EM =04hr ; EA//DM =04 ;				
16 - Coil Services											
Job: 1601 - Coil Services Design-GORANSON											
161 - LN2 Distribution											
191-002	3	R	PDR WBS 161 LN2 manifolds&pipng	1	02APR08	02APR08					
191-012		R	FDR WBS 161 LN2 manifolds&pipng	1	07JUL08	07JUL08					
							ORNL EM =08hr ;				
							ORNL EM =08hr ;				
162 - Electrical Leads											
132-002		R	PDR WBS 162 Coil leads	1	20JAN09	20JAN09					
132-012		R	FDR WBS 162 Coil leads	1	28AUG09	28AUG09					
							ORNL EM =08hr ;				
							ORNL EM =08hr ;				
17 - Cryostat and Base Support Structure											
Job: 1702 - Base Support Struct Design-DAHLGREN											
1702-515	3	R	Conduct PDR	1	26NOV07	26NOV07					
1702-525		R	Base Support Structure FDR	1	04FEB08	04FEB08					
							EA//EM =04hr ;				
							EA//EM =04hr ;				
Job: 1701 - Cryostat Design-GETTLEFINGER											
1701-121		R	Cryostat- PDR	1	29APR09	29APR09					
1701-141		R	Cryostat- FDR	1	10AUG09	10AUG09					
							EM//EM =08hr ;				
							EM//EM =08hr ;				

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							FY07	FY08	FY09	FY10	FY11
18 - Field Period Assembly											
Job: 1803/1805- FPA Tooling/Constr-BROWN/DUDEK											
Station 3-Modular Coil to VVSA Assembly											
1803-3.4	3	R	Stage 3 support FDR	1	13JUL07*	13JUL07					
Station 5-Final Field Period Assembly											
1803-5.3		R	PDR	0		07NOV07	▼				
1803-5.6	3	R	Station 5 FDR	0		21NOV07	▼				
6.00-Final Machine Assembly											
1803-6.4		R	PDR	0		01APR08	▼				
1803-6.6	3	R	Station 6 FDR	0		04JUN08	▼				
2 - Plasma Heating, Fueling & Vac Systems											
21 - Fueling Systems											
Job: 2101 - Fueling Systems-BLANCHARD											
211-105		R	PDR	1	30SEP09	30SEP09					
211-113		R	FDR	1	29OCT09	29OCT09					
22 - Torus Vacuum Pumping Systems											
Job: 2201 - Vacuum Pumping Systems-BLANCHARD											
220-105		R	PDR	1	13FEB09	13FEB09					
220-113		R	FDR	1	06APR09	06APR09					
3 - Diagnostics											
31 - Magnetic Diagnostics											
Job: 3101 - Magnetic Diagnostics-STRATTON											
Rogowski Coils											
3101-318		R	PDR - ROWGOWSKI COIL	0		25JUL07*	▼				
3101-326	3	R	FDR - ROWGOSKI COIL	0		06SEP07	▼				

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38 - Electron Beam (EB) Mapping											
Job: 3801 - Electron Beam Mapping-STRATTON											
380-015		R	E-beam mapping-PDR	1	27APR09	27APR09					
380-110		R	E-beam mapping-FDR	1	24JUN09	24JUN09					
4 - Electrical Power Systems											
45 - Power System Design and Integration											
Job: 4501 - Power Sys Dsn & Integr-RAMAKRISHNAN											
451 - System Design & Interfaces											
451-2-3	2	R	PDR Power system -Dsn	0		18DEC08			***** LEVEL II MILESTONE DATE JUNE 2009 *****		
451-202.2	2	R	FDR C-Site	0		28JUL09			***** LEVEL II MILESTONE DA FEBRUARY 2010 *****		
451-402.1		R	FDR AC auxiliaries & grounding-Dsn	0		17AUG09					
5 - Central I&C Systems											
51 - Network and Fiber Infrastructure											
Job: 5101 - Network and Fiber Infrastruct-SICHTA											
R51-11		R	PDR	0		12AUG09					
R51-21		R	FDR	0		05NOV09					
52 - Central Instrumentation & Control											
Job: 5201 - I&C Systems-SICHTA											
R52-11		R	PDR	0		10APR09					
R52-21		R	FDR	0		07JUL09					

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							FY07	FY08	FY09	FY10	FY11
53 - Data Acquisition & Facility Computing											
Job: 5301 - Data Acquisition-SICHTA											
R53-11		R	PDR	0		12JUN09			▼		
R53-21		R	FDR	0		27JUL09			▼		
54 - Facility Timing & Synchronization											
Job: 5401 - Facility Timing & Synchron.-SICHTA											
R54-11		R	PDR	0		12AUG09			▼		
R54-21		R	FDR	0		08OCT09			▼		
55 - Real Time Plasma & Power Supply Control Sys											
Job: 5501 - Real Time Control System-SICHTA											
R55-11		R	PDR	0		14SEP09			▼		
R55-21		R	FDR	0		09DEC09			▼		
R55-71		R	PDR	0		12AUG09			▼		
R55-81		R	FDR	0		05NOV09			▼		
56 - Central Safety and Interlock Systems											
Job: 5601 - Central Safety & Interlock Sys-SICHTA											
R56-21		R	PDR	0		06OCT09			▼		
R56-36		R	FDR	0		17NOV09			▼		
6 - Facility Systems											
62 - Cryogenic Systems											
Job: 6201 - Cryogenic Syst-GETTELFINGER											
623 - GN2 Cryostat Cooling System											
623-141		R	GN2 Cryostat Cooling Sys-WBS 62/171 PDR	1	30APR09	30APR09					EM//EM =08hr ;
623-181		R	GN2 Cryostat Cooling Sys-WBS 62/171 FDR	1	11AUG09	11AUG09					EM//EM =08hr ;

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63 - Utility Systems												
Job: 6301 - Utility Systems-DUDEK												
6301-005		R	Vac Vent and Air sys- PDR	1	03NOV08*	03NOV08			EM//EM =08hr ;			
6301-010		R	Vac Vent and Air sys- FDR	1	18NOV08*	18NOV08			EM//EM =08hr ;			
64 - PFC/VV Heating & Cooling (Bakeout)												
Job: 6401 - PFC/VV Htng/Cooling(bakeout)- KALISH												
6401-002		R	Bakeout Sys-PDR	1	29JUL09*	29JUL09			EM//EM =08hr ;			
6401-009		R	Bakeout Sys-FDR	1	06NOV09*	06NOV09			EM//EM =08hr ;			