

NCSX Project Overview

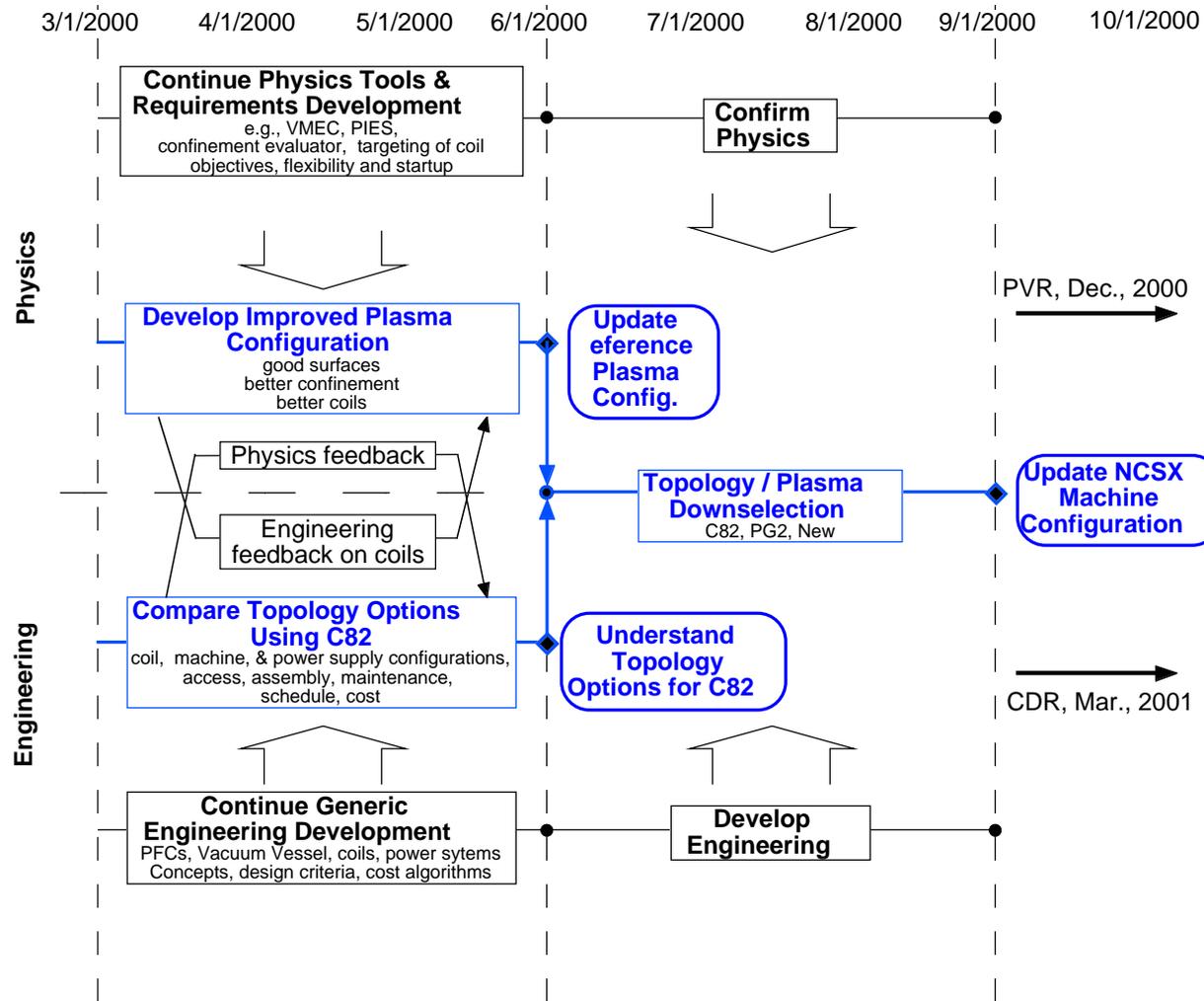
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NCSX Project Manager

NCSX Project Meeting
May 16, 2000

NCSX Design Schedule

Sub-Phase	Accomplishments	Completion Date
Configuration Update (Phase II)		
IIa	<ul style="list-style-type: none"> • Improved physics tools to implement new requirements. • Candidate machine topology options for subsequent evaluation. 	3/1/2000 Complete
IIb	<ul style="list-style-type: none"> • Updated reference plasma configuration meeting all requirements. • Understand machine topology options for C82. 	6/1/2000
	<p>Meeting of NCSX Program Advisory Committee (PAC-4)</p> <ul style="list-style-type: none"> • Progress in resolving PAC and FESAC issues. • Advice on project directions. 	8/1-2/2000
IIc	<ul style="list-style-type: none"> • Updated stellarator configuration based on new reference plasma and best machine topology. 	9/1/2000
Conceptual Design (Phase III) and Beyond		
III	Physics Validation Review	12/2000
III	Conceptual Design Review	3/2001
III	Project Validation	5/2001
IV	Advanced conceptual design and R&D (mid-FY-2001 through FY-2002)	
	Construction Start	10/2002

Critical NCSX Task for Remainder of FY-2000: Develop Plasma & Topology Options, Downselect



Purpose of This Meeting

Understand:

- Progress toward project goals for FY-2000.
 - Basis for upcoming decisions.
 - Your assessment of future progress, problem areas, needs.

Sessions

- Overviews
- Plasma Configuration Design
- Equilibrium Codes, Magnetic Surfaces
- C82 Coil Topology Studies