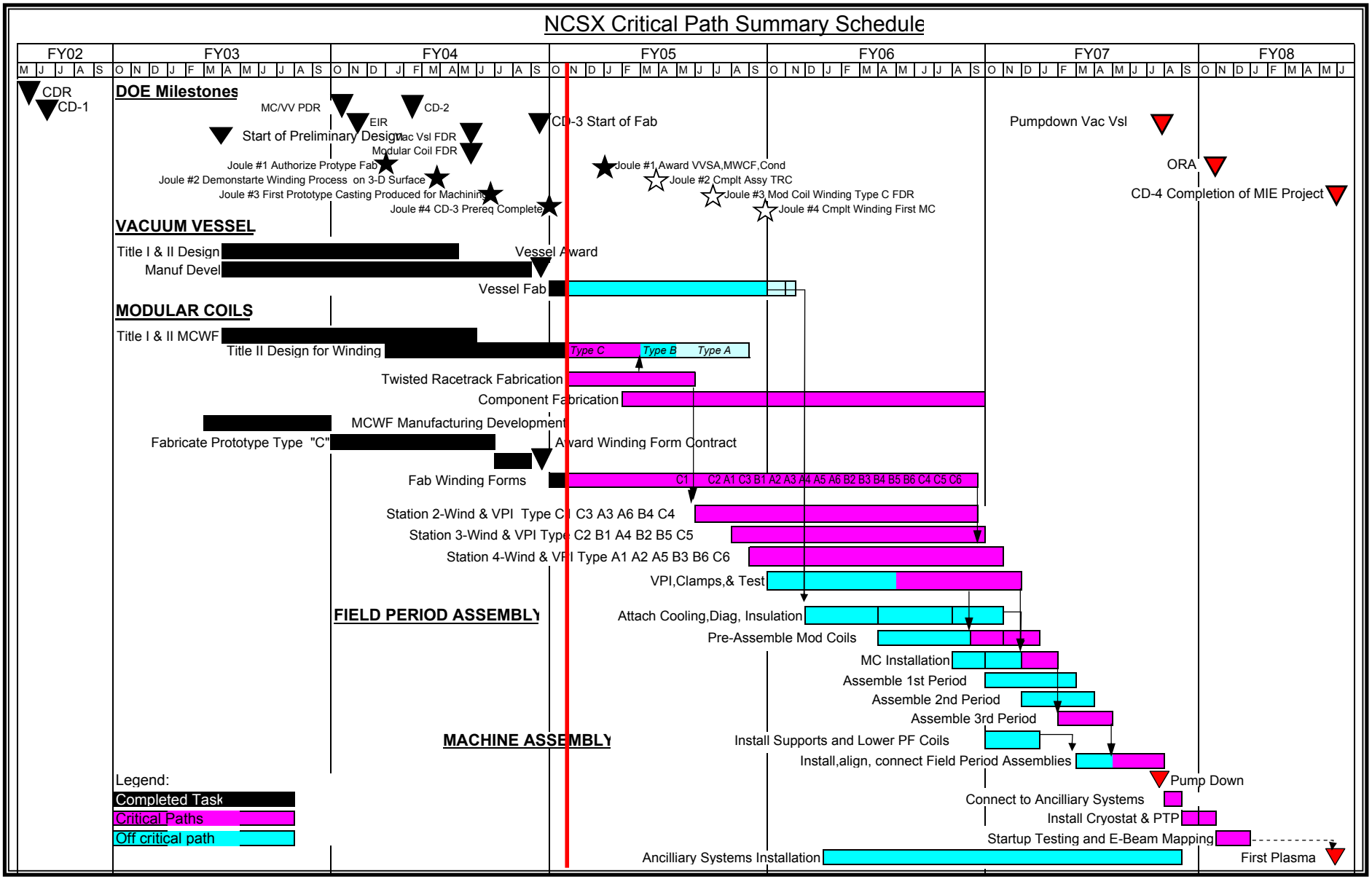
NCSX Critical Path Summary Schedule
FY02
FY03
FY04
FY05
FY06
FY07
FY08
CDR
CD-1
DOE Milestones
MC/VV PDR
EIR
CD-2
Start of Preliminary Design
Vac Vsl FDR
Modular Coil FDR
Joule #1 Authorize Protype Fab
Joule #2 Demonstarte Winding Process on 3-D Surface
Joule #3 First Prototype Casting Produced for Machining
Joule #4 CD-3 Prereq Complete
CD-3 Start of Fab
Joule #1 Award VVSA,MWCF,Cond
Joule #2 Cmplt Assy TRC
Joule #3 Mod Coil Winding Type C FDR
Joule #4 Cmplt Winding First MC
Pumpdown Vac Vsl
ORA
CD-4 Completion of MIE Project
VACUUM VESSEL
Title I & II Design
Manuf Devel
Vessel Award
Vessel Fab
MODULAR COILS
Title I & II MCWF
Title II Design for Winding
Type C
Type B
Type A
Twisted Racetrack Fabrication
Component Fabrication
MCWF Manufacturing Development
Fabricate Prototype Type "C"
Award Winding Form Contract
Fab Winding Forms
C1 C2 A1 C3 B1 A2 A3 A4 A5 A6 B2 B3 B4 B5 B6 C4 C5 C6
Station 2-Wind & VPI Type C1 C3 A3 A6 B4 C4
Station 3-Wind & VPI Type C2 B1 A4 B2 B5 C5
Station 4-Wind & VPI Type A1 A2 A5 B3 B6 C6
VPI,Clamps,& Test
FIELD PERIOD ASSEMBLY
Attach Cooling,Diag, Insulation
Pre-Assemble Mod Coils
MC Installation
Assemble 1st Period
Assemble 2nd Period
Assemble 3rd Period
MACHINE ASSEMBLY
Install Supports and Lower PF Coils
Install,align, connect Field Period Assemblies
Pump Down
Connect to Ancilliary Systems
Install Cryostat & PTP
Startup Testing and E-Beam Mapping
Ancilliary Systems Installation
First Plasma
Legend:
Completed Task
Critical Paths
Off critical path