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**SDC**  
**SOLENOIDAL DETECTOR NOTES**

**CDF CRYOGENIC MAGNET SCHEDULE**

**John Grimson**

**September 19, 1990**

**CDF Cryogenic Magnet Schedule**  
John Grimson Sept. 19, 1990

July 1981	Test of CDF 1 meter dia. R&D magnet in Japan
Oct. 1981	Coil Design Report
Oct. 1982	Indirect cooled coil engineering design report
Nov. 1983	Heat exchanger in place at CDF
Mar. 22, 1984	Test of compressor & refrigerator - start cooldown
July 20, 1984	Coil arrives
Oct. 31, 1984	Coil into yoke
Nov. 6-9, 1984	Installed top return iron
Dec. 1984	Install end wall modules
Jan. 1985	Lower end plugs into pit
Jan. 22, 1985	Both end plugs in position
Feb. 1985	1st arch in position
Feb. 1985	Hydraulic test of supports cryostat vacuum @ 10 microns
Feb. 27, 1985	Start cooldown
Mar. 7, 1985	Coil is superconducting
Mar. 15, 1985	Powered coil
Mar. 1985	Fast dump @ 200A, to 5000A total of 28 hrs. & 19 fast dumps
Mar. 28, 1985	Magnet measuring inst. in place
April 1985	Field map 49 hrs. on, 1 fast dump
May 8, 1985	Start warm up
June 3, 1985	Pull end plugs
Sept. 10, 1985	Move detector in
Sept. 20, 1985	Detector in, door closed, end plugs in
Nov. 15, 1985	Detector moved out - end of 1st engineering run