Overview of E951

Pulsed Solenoid Proposal

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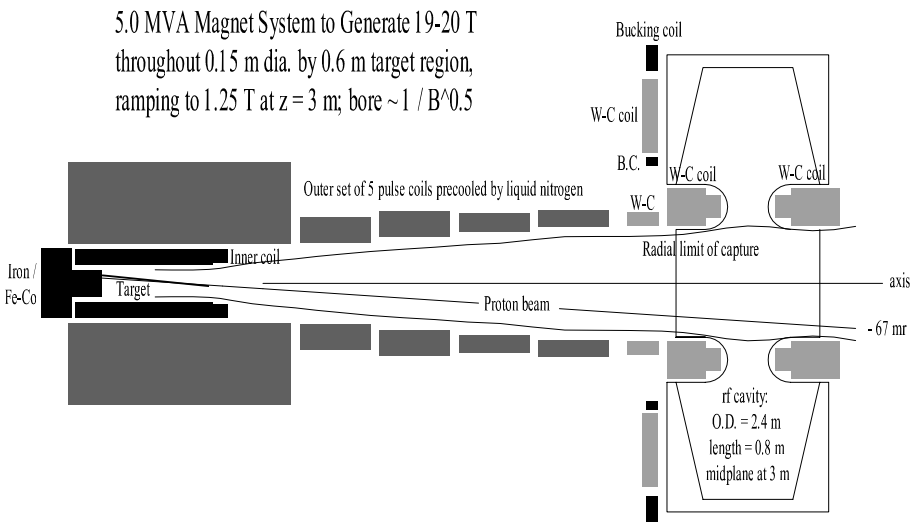
E951

20T Pulsed Solenoid

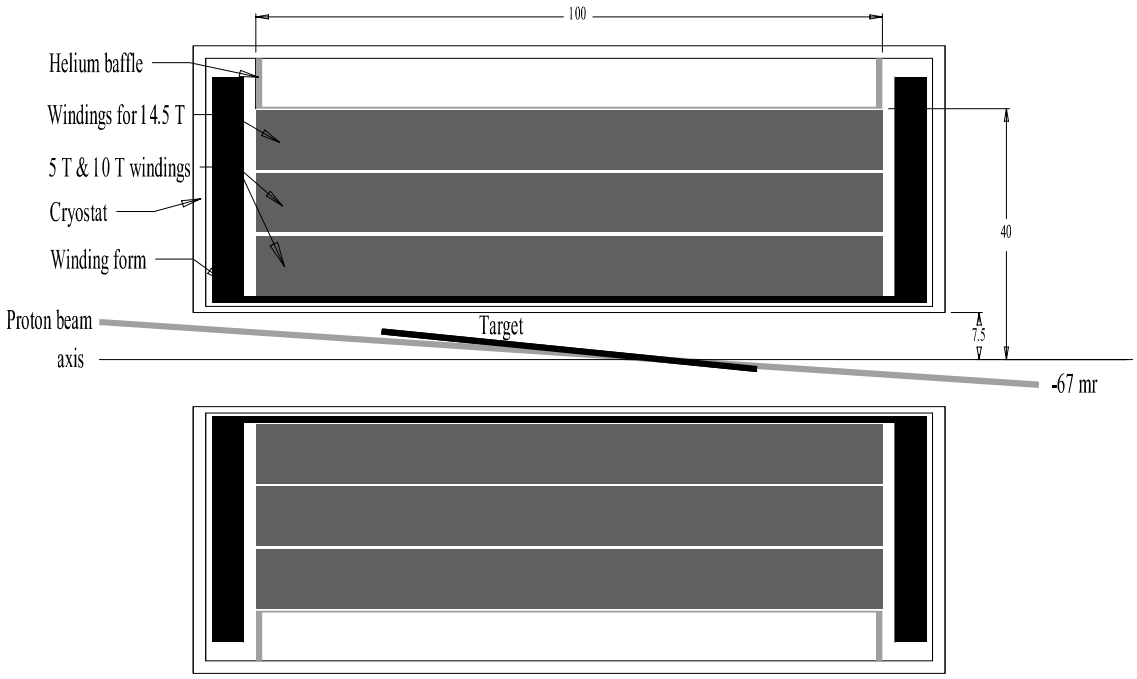


1. 5 MVA Pulsed Power Supply
2. 15 Metric Tonnes Coil Package
3. 80° K operation
4. Switch power from outer to inner coil
5. Cost $4.5M

E951

14.5T Pulsed Solenoid

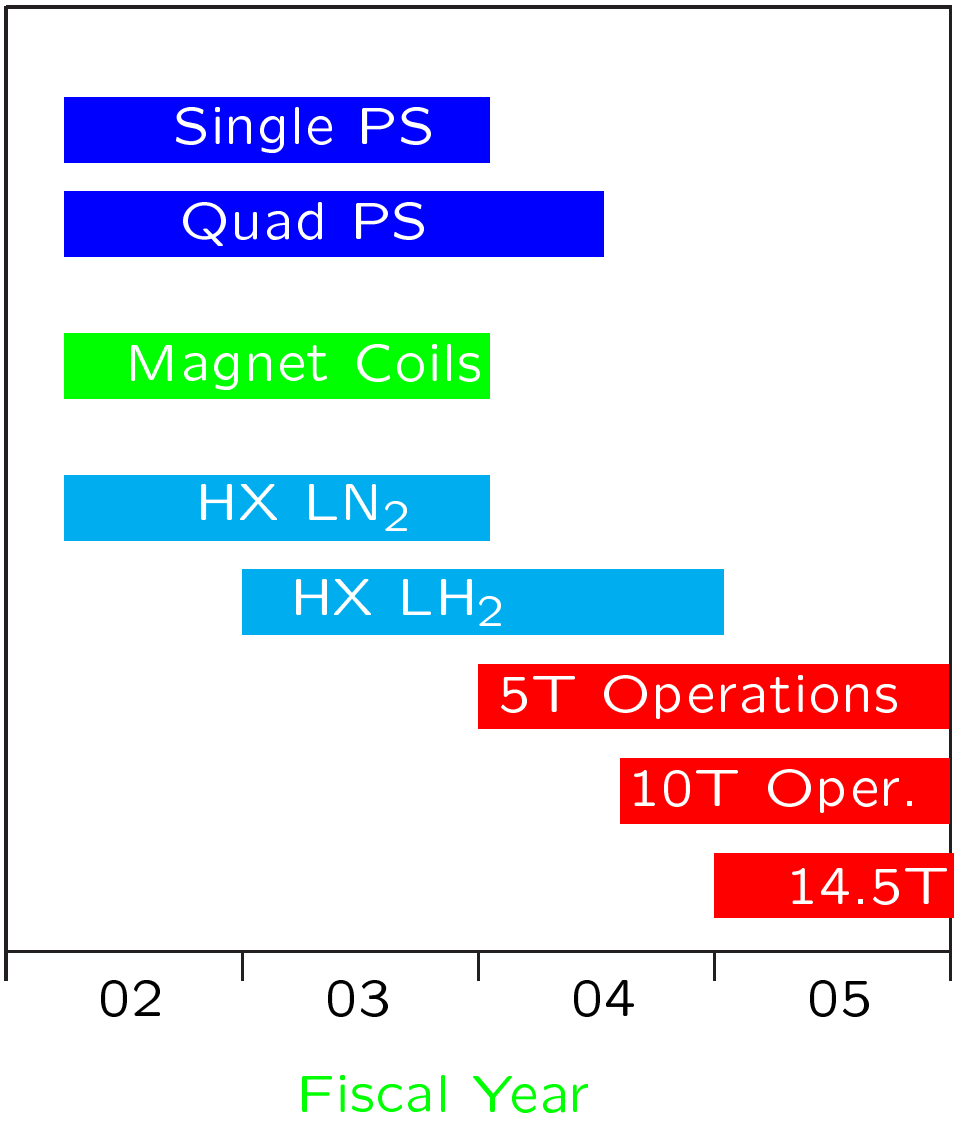
Windings, Coil Form & Cryostat for Cryogenic Pulse Magnet for 5 T, 10 T & 14.5 T



1. 2.2 MVA Pulsed Power Supply
2. 3.6 Metric Tonnes Coil Package
3. 30° K operation
4. Cost $1.5M

E951 Pulsed Solenoid

Task Profile



E951 Pulsed Solenoid

	Fiscal Year			Sum
	02	03	04	
System				
Power Supplies	125	225	70	420
Magnet	100	400	50	550
Heat Exchanger	100	210	200	510
Total	325	835	320	1480