

## TO DO List for for SSS (Short Straight Sections) (No Thermal Cycle)

17/05/2005	<b>Valid for the B1, B2, D1, and D2 Benches.</b>					
BEF	SCAN1	Scan Bench, Magnet and Anticryostats (or the MRB end-plates if no anticryostats are installed) or enter the magnet name in TEMA if MTF and HWREC are not active.	0:15	0:15	OP	
<b>Connection to CFB</b>						
<b>Preparatory tests at Warm</b>						
PREP	1	Lyre Test. (With ICS)	0:15	0:30	OP	
	2.2	IAP @ warm.	0:30	1:00	OP	
	2.2.C	Corrector clamp verification.	0:15	1:15	OP	
	2.3	CQW1 Quench Heater resistance Measurement after Heater discharge	0:15	1:30	OP	
	SCAN2	Scan the HV mobile rack.	0:15	1:45	OP	
	3	CQW1 HV Insulation Test. "Warm initial after bolting to CFB"	1:00	2:45	OP	
<b>Warm SSW and Survey AP1 - D1 bench only.</b>						
<b>Cryo Leak Tests</b>						
PREP	5	Cool Down ; (Launch thermal cycle)	12:00	28:45	OP	
<b>Cold Power Tests at 1.9K</b>						
PT	1	IAP at cold	1:00	29:45	OP	
	SCAN7	Scan the HV mobile rack.	0:15	30:00	OP	
PT	2	CQBP HV Insulation Tests at cold 1.9 K Before Tests	1:15	31:15	OP	
PT	3	CQBP Quench Heater Resistance Measurement at Cold 1.9 K	0:30	31:45	OP	
PT	4	Slow Power Abort Test at 1000 A.	0:30	32:15	OP	
PT	5.2	Provoked Quench ½ HF at 1.5 kA	0:45	33:00	OP	
PT	5.3	Powering Corrector Magnets CD	<b>PT5.3 to PT5.6 Could be Done Before OR After Training (PT6)</b>	0:45	33:45	OP
PT	5.4	Powering Corrector Magnets EF		0:45	34:30	OP
PT	5.5	Powering Dipole Orbital Corrector GH		0:45	35:15	OP
PT	5.6	Powering Dipole Orbital Corrector IJ		0:45	36:00	OP

PT	6	Training Quenches at 1.9K (Refer Quench Rules )	6:00	42:00	OP
PT	8.1 & 8.2	Detraining Check (De-excite @ 350 A/s)	0:30	42:30	OP
<b>Cold SSW and Survey AP1 D1 bench only.</b>					
<b>Magnetic Measurements with Long Shafts - D1 bench only.</b>					
PT	9	CQAP HV test at Cold, after power tests	0:30	76:30	OP
PT	10.1	Provoked Quench,1/2 HF at 11850 A, for warming Up	0:30	77:00	OP
PT	12	Launch thermal cycle	12:00	89:00	OP
<b>Final Measurements at 300K</b>					
PT	13.1	IAP at Warm Final (No discharge of quench heater)	0:45	89:45	OP
PT	13.2	CQW2 Resistance Measurements at warm final	0:15	90:00	OP
<b>Disconnection from CFB</b>					
	SCAN13	Scan the HV mobile rack.	0:15	90:15	OP
CL	1	<b>CALL TRANSPORT FOR REMOVAL OF MAGNET FROM BENCH</b>	-	-	OP
SCAN14 After disconnection,scan the EMPTY label on the CFB.					