	SPEAR Maintenance 4/4/05		Dur.	Time										
				am							pm			
				6	7	8	9	10	11	12	1	2	3	4
	Access Schedule/Conditions:-													
	RSCWF Open:													
	OUTAGES:													
	B118 - 208V control powew & network control power (for reset of sub-station protective relays and circuit breakers)					x	x	x	x					
	SPEAR:													
	Ring Access			xx	xx	xx	xx	xx	xx	xx	xx			
	Lock up and search											xx	xx	
	Accelerator Physics													XX
	SPEAR Ring Access:-													
	Total persons in SPEAR (16 allowable)			6	7	9	8	16	13	5	5	1	0	0
1.	Field survey BL7 Area	van Campen, Stefan			2									
2.	Site walk for the BL12 alcove	Choi, et al						12						
3.	Investigate the electrical for the bl 12 alcove work. It would be myself and one other person.	Shewchuk + (10:30-2pm)						1	2					
4.	Mech Inspection/ Check torque on 07GQF1 magnet conductor external and internal connections	MSG 1	2.0	1										
	Shielding:-													
5.	Install BL- ID's 5, 9, 11 downstream lead inserts to 15Q and 34Q	1 MSG	4.0	1	1	1	1							
6.	Fabricate and install BL-9 ID to alcove shielding	1 MSG	5.0					1	1	1	1	1		
	BL 5 ID:-													
7.	Change out EPU #4 LVDT, calibrate (1) MSG tech, 2.0 hours	1 MSG	2.0		1	1								
8.	Verify the correct operation of the LVDT #4 after MSG replace with the new one, also correct operation of the EPU in Row Phase mode	Wallters	2.0				2	1	1					
	LCW:-													
9.	Flow readings, Beam line front ends (1) MSG tech, 5.0 hours.	1 MSG	5.0	1	1	1	1	1						
10.	Install straight section LCW circuit labeling	2 MSG	2.0						2	2				
11.	TC Installation: 4 hrs (Artemis#73910) Install 5 TCs (Isolation Valves, 1S, 4S, 9S, 14S, 18S)	Ortiz/Vacuum	4.0			2	2		2	2				
	Vacuum:-													
12.	Visual walkthrough inspection of Ring and Beam Line vacuum systems.	Pak, Wiertel, Jacobson	1.0	3										
13.	Install ring isolation valve TC's (work with EDM, R. Ortiz).	Pak, Nalls	4.0			2	2		2		2			

	SPEAR Maintenance 4/4/05		Dur.	Time										
				am							pm			
				6	7	8	9	10	11	12	1	2	3	4
14.	Check (photograph) orientation of Beam Line ion gauges reading "0" during operation.	Wiertel, Jacobson	2.0		2	2								
15.	Re-terminate IP HV cable end (and hi-pot) at 8S for future RGA installation.	Theobald, Pak	1.0								2			
	Review installation of RGA assembly at 8S.	Bach, Neal, Pak	1.0						3					
	SPEAR Ring No Access:-													
1.	- Adjust setting of sub-station protective relays and low voltage power circuit breakers (to reduce hazard rating). Applies to transformers 155 & 156	CEF, Shewchuk, Sebek				x	x	x	x					
	- Support Sebek, et al, to check electrical circuit breakers in B118. This activity will probably require shutting down power to the ion pump and ion gauge power supplies for a short time	Pak, Nalls	3.0			x	x	x						
2.	TC Installation: 4 hrs (Artemis#73910) Install 5 TCs (Isolation Valves, 1S, 4S, 9S, 14S, 18S)	Ortiz, Vacuum	2.0			x	x							
3.	Replace/service 13G-QF1 fan	Taylor, Johnson, Rafael	1.0											
4.	Connect BitBus test stand to SPEAR 3 Controls	Allison, Rafael	1.0											
	Upgrade SPEARPC7, 10, 15 to SP2	Rarback	2.0				x/2	x	x/2					
	Booster													
1.	Inspect, replace burnt out bulb on booster RF Wave guide dry air system	1 MSG	0.5											
	Deferred Work													
	SPEAR Ring													
	Booster													
1.	Booster RF - replace fan unit inside SCR Soft start box (EWP/NRJHAM)	ED&M Wachter, Ramona	3.0						xx	xx	xx			
2.	Booster White Circuit- Calibrate the Bias Input Current (EWP)	Rafael, Critt	2.0							XX	XX			