Machine Studies/Intervention Schedule for Run 1999-1-1

January 14, 1999, 2000 to January 21,1999, 0800

| Time | Thursday, January 14, 1999 | Studiers |
|-----------|------------------------------------------------------------------------------------------------------|--------------------|
| 2000-2400 | No Beam: SR power supply PEM tests | Soliday Emery |
| | Dipole/trim setup using NMR | |
| Time | Friday, January 15, 1999 | Studiers |
| 0000-0800 | No beam, no studies. | |
| 0800-2000 | Establish stored beam and working configuration in SR | Borland |
| 2000-2400 | Establish stored beam and working configuration in SR | Emery |
| Time | Saturday, January 16, 1999 | Studiers |
| 0000-0800 | Establish stored beam and working configuration in SR BPM timing scan (if not done already) | Emery |
| 0800-1600 | RF setup/checkout with 100mA | Nassiri Borland |
| 1600-2400 | BPM/quad offset measurements Make definitive good BPM file (configuration file for orbit correction) | Decker |
| Time | Sunday, January 17, 1999 | Studiers |
| 0000-0800 | Establish user configuration | Emery |
| 0800-1200 | BPM intensity scans | Borland |
| 1200-1600 | BPLD validations | Decker |
| 1600-2400 | RT feedback systemcheckout | Carwardine |
| | Check RT feedback during filling BPM gain measurements | |

| Time | Monday, January 18, 1999 | Studiers |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| 0000-0800 | X-BPM translation stage scans | Singh, Shu |
| 0800-1600 | Establish configurations for PAR | Lewellen |
| | accumulation from rf guns | Borland |
| 1600-2400 | S34-ID X-BPM stray radiation | Decker |
| Time | Tuesday, January 19, 1999 | Studiers |
| 0000-0800 | RT feedback on X-BPMs | Carwardine |
| 0800-1200 | Finalize operational configurations for rf guns | Lewellen Pasky |
| 1200-1600 | Electron cloud studies | Harkay Rosenberg |
| 1600-2400 | SVD correction of beta-y | Emery |
| | | |
| Time | Wednesday, January 20, 1999 | Studiers |
| Time 0000-0800 | Wednesday, January 20, 1999 Sextupole offset measurements | Studiers Sereno |
| | | |
| 0000-0800 | Sextupole offset measurements | Sereno |
| 0000-0800 0800-1000 | Sextupole offset measurements Operator training | Sereno Yao Harkay |
| 0000-0800 0800-1000 1000-1600 | Sextupole offset measurements Operator training Instability thresholds Measurement of top-up injection timing | Sereno Yao Harkay Milton Lenkszus |
| 0000-0800 0800-1000 1000-1600 1600-1700 | Sextupole offset measurements Operator training Instability thresholds Measurement of top-up injection timing jitter BTS/SR matching for injection efficiency | Sereno Yao Harkay Milton Lenkszus Borland |
| 0000-0800 0800-1000 1000-1600 1600-1700 1700-2400 | Sextupole offset measurements Operator training Instability thresholds Measurement of top-up injection timing jitter BTS/SR matching for injection efficiency improvement | Sereno Yao Harkay Milton Lenkszus Borland Emery |