

# Machine Studies

## Schedule for Run01-6, 2004

March 1st, 1600 - March 2nd, 0800

| <b>Time</b>            | <b>Descriptions</b>  | <b>Studiers</b>            | <b>SRStatus</b>                  |
|------------------------|--|----------------------------|----------------------------------|
| <b>Monday, 3/1/04</b>  |  |                            |                                  |
| <b>1600-1615</b>       | <b>Record XBPM data for user orbit</b>   | <b>OPS</b>                 | <b>Stored beam and injection</b> |
| <b>1615-1700</b>       | <b>Inject with new fill pattern and adjust machine parameters</b>                                | <b>Sajaev<br/>Yao</b>      | <b>Stored beam and injection</b> |
| <b>1615-1700</b>       | <b>Replace BI SMA connector at the back of the chassis for 19BP0</b>                             | <b>Erwin</b>               | <b>No impact</b>                 |
| <b>1615-1700</b>       | <b>Replace BO SMA connector at the back of the NbBPM chassis for 3BP0</b>                        | <b>Erwin</b>               | <b>No impact</b>                 |
| <b>1700-2000</b>       | <b>CPU linear mode perturbation measurement</b>  | <b>Emery<br/>Vasserman</b> | <b>Stored beam, no injection</b> |
| <b>2000-2100</b>       | <b>CPU trigger signal hardware test</b>  | <b>Deriy<br/>Xu</b>        | <b>Stored beam, no injection</b> |
| <b>1700-2100</b>       | <b>Photocathode gun tune check and possible removal for repair. Authorized Access into Linac</b> | <b>Lewellen</b>            | <b>No Injection</b>              |
| <b>2100-2400</b>       | <b>Recover user orbit</b>  | <b>Singh<br/>Decker</b>    | <b>Limited injection</b>         |
| <b>2300-2400</b>       | <b>Linac/PAR Operator training between 23:00-07:00</b>   | <b>Forth</b>               | <b>Limited injection</b>         |
| <b>Tuesday, 3/2/04</b> |  |                            |                                  |

| <b>Time</b>      | <b>Descriptions</b>   | <b>Studiers</b>          | <b>SRStatus</b>                          |
|------------------|---|--------------------------|--|
| <b>0000-0100</b> | <b>Recover user orbit</b>                                       | <b>Singh<br/>Decker</b>  | <b>Limited<br/>injection</b>             |
| <b>0000-0100</b> | <b>Linac/PAR Operator training between<br/>23:00-07:00</b>      | <b>Forth</b>             | <b>Limited<br/>injection</b>             |
| <b>0100-0700</b> | <b>Energy aperture studies with modified lattice</b>            | <b>Emery<br/>Borland</b> | <b>Stored<br/>beam and<br/>injection</b> |
| <b>0700-0800</b> | <b>Ready for 0+324X1 fill pattern, low emittance, non-TopUp</b> | <b>OPS</b>               | <b>Stored<br/>beam and<br/>injection</b> |