

# Machine Studies

## Schedule for Run2-3,2000

May 21st, 0800 - May 23rd, 1600

| <b>Time</b>            | <b>Descriptions</b>   | <b>Studiers</b>                       | <b>SRStatus</b>                        |
|------------------------|---|---------------------------------------|--|
| <b>Monday, 5/21/01</b> |   |                                       |  |
| <b>0800-0900</b>       | <b>RF tuner investigations. Triplets fill test.</b>   | <b>RF</b>                             | <b>Stored beam and injection</b>       |
| <b>0900-1000</b>       | <b>RF tuner investigations. Singlets fill test.</b>   | <b>RF</b>                             | <b>Stored beam and injection</b>       |
| <b>1000-1200</b>       | <b>Multiple accesses below will be linked to the Zone F access. Zome F access time may be adjusted on short notice on Monday morning.</b> |                                       | <b>No stored beam and no injection</b> |
| <b>1000-1200</b>       | <b>RF tuner investigations. Zone F tunnel access to check HOM cable.</b>  | <b>RF</b>                             | <b>No stored beam and no injection</b> |
| <b>1000-1200</b>       | <b>Linac access for diagnostic upgrades, RF validations, checking placement of RF waveguide.</b>  | <b>AOD-DIA<br/>OPS/RF<br/>ASD-VAC</b> | <b>No stored beam and no injection</b> |
| <b>1000-1200</b>       | <b>Zone A access for XBPM stage repair, radiation foils</b>   | <b>AOD-DIA<br/>AOD-ADM</b>            | <b>No stored beam and no injection</b> |
| <b>1000-1200</b>       | <b>Booster access for interleaving magnets, inspect extraction kicker magnet. Use time to inspect/repair septum PS water hoses.</b>       | <b>ASD-ME<br/>ASD-PS</b>              | <b>No stored beam and no injection</b> |
| <b>1200-1600</b>       | <b>RF tuner investigations. Further investigations</b>  | <b>RF</b>                             | <b>Stored beam and injection</b>       |

| <b>Time</b>             | <b>Descriptions</b>  | <b>Studiers</b>       | <b>SRStatus</b>                  |
|-------------------------|--|-----------------------|----------------------------------|
| <b>1600-2000</b>        | <b>ID22 shielding verification. 10 mA/30 mA</b>  | <b>AOD-BO</b>         | <b>Stored beam and injection</b> |
| <b>1600-1700</b>        | <b>Model Independent Analysis</b>  | <b>Sajaev</b>         | <b>Stored beam and injection</b> |
| <b>1700-2000</b>        | <b>Setup RT/DC overlap compensation for vertical plane. Check performance with gap closings.</b> | <b>Emery Schwartz</b> | <b>Stored beam and injection</b> |
| <b>2000-2100</b>        | <b>SR operator training (I)</b>  | <b>OPS</b>            | <b>Stored beam and injection</b> |
| <b>2100-2400</b>        | <b>Xbpm RF bpm. Setting up new timing system for operations.</b>                                 | <b>Decker Singh</b>   | <b>Stored beam and injection</b> |
| <b>Tuesday, 5/22/01</b> |  |                       |                                  |
| <b>0000-0500</b>        | <b>Xbpm RF bpm</b>   | <b>Decker Singh</b>   | <b>Stored beam and injection</b> |
| <b>0500-0700</b>        | <b>SR operator training (II)</b>   | <b>OPS</b>            | <b>Stored beam and injection</b> |
| <b>0700-1100</b>        | <b>Imaging of single bunch instabilities.</b>  | <b>Yang</b>           | <b>Stored beam and injection</b> |
| <b>1100-1500</b>        | <b>ID22 shielding verification. 10 mA/30 mA</b>  | <b>AOD-BO</b>         | <b>Stored beam and injection</b> |
| <b>1100-1500</b>        | <b>CPU compensation</b>  | <b>Emery XFD</b>      | <b>Stored beam and injection</b> |
| <b>1300-1500</b>        | <b>Parasitic work in FEEPS rack (may trip MPS)</b>   | <b>Friedman</b>       | <b>Stored beam and injection</b> |

| <b>Time</b>               | <b>Descriptions</b>  | <b>Studiers</b>             | <b>SRStatus</b>                          |
|---------------------------|--|-----------------------------|--|
| <b>1500-1900</b>          | <b>Top-up/interleaving software.</b>   | <b>Lenkszus<br/>Borland</b> | <b>Stored<br/>beam and<br/>injection</b> |
| <b>1900-2000</b>          | <b>SR operator training (III)</b>  | <b>OPS</b>                  | <b>Stored<br/>beam and<br/>injection</b> |
| <b>2000-2400</b>          | <b>SR low-emittance setup</b>  | <b>Emery</b>                | <b>Stored<br/>beam and<br/>injection</b> |
| <b>Wednesday, 5/22/01</b> |  |                             |  |
| <b>0000-0300</b>          | <b>Thermal effects on orbit.</b>   | <b>Emery</b>                | <b>Stored<br/>beam and<br/>injection</b> |
| <b>0300-0600</b>          | <b>Injection detection and vertical scraper<br/>positioning with cerenkov detectors.</b> | <b>Emery</b>                | <b>Stored<br/>beam and<br/>injection</b> |
| <b>0600-0730</b>          | <b>Pinhole camera resolution.</b>  | <b>Emery<br/>Yang</b>       | <b>Stored<br/>beam and<br/>injection</b> |
| <b>0730-0800</b>          | <b>User beam setup.</b>  | <b>OPS</b>                  | <b>Stored<br/>beam and<br/>injection</b> |