

# Machine Studies

## Draft Schedule for Run03-8, 2014

November 18<sup>th</sup> 0800 – November 19<sup>th</sup> 0800

| Time                              | Descriptions   | Studiers                         | SR Status                           |
|-----------------------------------|--|----------------------------------|-------------------------------------|
| <b>Tuesday, November 18, 2014</b> |  |                                  |                                     |
| <b>0800-0810</b>                  | <b>Collect XBPM orbit data</b>   | <b>OPS</b>                       | <b>Stored Beam &amp; Injection</b>  |
| <b>0810-0930</b>                  | <b>Gap Scans and update IDGapFF look-up tables</b>                       | <b>Schroeder/OPS</b>             | <b>Stored Beam &amp; Injection</b>  |
| <b>0930-1000</b>                  | <b>Reboot interleaving DSPs</b>  | <b>PS Group</b>                  | <b>Limited Injection</b>            |
| <b>0930-1130</b>                  | <b>Replace test stand klystron circulator reject load</b>                | <b>RF group</b>                  | <b>No Beam or Booster Injection</b> |
| <b>0930-1200</b>                  | <b>Scan 27-ID gap with no beam</b>                                       | <b>Yang</b>                      | <b>No beam</b>                      |
| <b>0930-1130</b>                  | <b>Swap out quads S8/9 &amp; S15B:B4</b>                                 | <b>Vargas</b>                    | <b>No Beam</b>                      |
| <b>0930-1130</b>                  | <b>Measure water flows in SR raws</b>                                    | <b>Goetzen</b>                   | <b>No Beam</b>                      |
| <b>0930-1130</b>                  | <b>Rewire temperature sensors</b>  | <b>FMS</b>                       | <b>No Beam</b>                      |
| <b>1000-1200</b>                  | <b>PC gun alignment/camera adjustment</b>                                | <b>Dooling</b>                   | <b>Access Linac</b>                 |
| <b>1230-1430</b>                  | <b>Test RF isolation at L3 (should not affect parallel studies)</b>      | <b>Goel</b>                      | <b>Injection possible</b>           |
| <b>1230-1330</b>                  | <b>PAR training (07-15)</b>  | <b>Henry</b>                     | <b>Limited Injection</b>            |
| <b>1330-1700</b>                  | <b>tune slope and bunch length studies for high current/chromaticity</b> | <b>Harkay/Lindberg/<br/>Yang</b> | <b>Stored beam &amp; injection</b>  |

|                                     |                                  |                    |                                    |
|-------------------------------------|----------------------------------|--------------------|------------------------------------|
| <b>1700-1900</b>                    | <b>S27 S35 gap scans</b>         | <b>Sereno/Yang</b> | <b>Stored beam &amp; injection</b> |
| <b>1900-2100</b>                    | <b>Libera P0 studies</b>         | <b>Sereno</b>      | <b>Stored beam &amp; injection</b> |
| <b>2100-2400</b>                    | <b>IEX studes</b>                | <b>Xiao</b>        | <b>Stored beam &amp; injection</b> |
| <b>Wednesday, November 19, 2014</b> |                                  |                    |                                    |
| <b>0000-0100</b>                    | <b>IEX studies (continued)</b>   | <b>Xiao</b>        | <b>Stored beam &amp; injection</b> |
| <b>0100-0500</b>                    | <b>High coupling studies</b>     | <b>Xiao</b>        | <b>Stored beam &amp; injection</b> |
| <b>0500-0700</b>                    | <b>Injector training (23-07)</b> | <b>Frausto</b>     | <b>Limited Injection</b>           |
| <b>0700-0800</b>                    | <b>Prepare for User beam</b>     | <b>OPS</b>         | <b>Stored Beam &amp; Injection</b> |