



# Machine Studies

## Draft Schedule for Run02-9, 2015

August 4th 0800 – Augst 5th 0800

| Time                           | Descriptions   | Studiers           | SR Status               |
|--------------------------------|--|--------------------|-------------------------|
| <b>Tuesday, August 4, 2015</b> |  |                    |                         |
| 0800-0810                      | Collect XBPM orbit data  | OPS                | Stored Beam & Injection |
| 0810-0930                      | Gap Scans and update IDGapFF look-up tables  | Schroeder          | Stored Beam & Injection |
| 0930-1130                      | Re-integrate LTP BESOCM for 1Hz  | Belcher, Keane     | No Linac ACIS           |
| 0930-1130                      | Inspect output diode protection card in SR septa   | Goetzen            | No Beam                 |
| 1000-1100                      | Investigate SR converter S32A:Q5   | Puttkammer         | No beam                 |
| 1000-1100                      | Switch pump 515 (P.S. in S16-19 set to zero) to lead pump and switch 535 to backup (P.S. in S36-S39 set to zero) | Wright             | No beam                 |
| 0930-1130                      | test the changes made to open/close gaps PEMS  | Xiao, Shang        | No beam                 |
| 1000-1030                      | Measure cable length for Booster tune system   | Yao                | Access Booster          |
| 1000-1200                      | Measure RF tuner limit switches and stops  | RF Group           | Access Booster          |
| 1200-1500                      | Libera single shot resolution measurements   | Brill/Sereno/Emery | Stored beam & injection |
| 1500-1800                      | booster DC ramp study  | Yao, Shang         | No injection            |

|                                 |   |                               |  |
|---------------------------------|---|-------------------------------|--|
| <b>1800-1900</b>                | <b>Abort kicker studies</b>             | <b>Harkay,<br/>Dooling</b>    | <b>Stored beam &amp;<br/>injection</b> |
| <b>1900-2300</b>                | <b>PAR ion effect study.</b>            | <b>Calvy, Harkay,<br/>Yao</b> | <b>No injection</b>                    |
| <b>2300-2400</b>                | <b>Measure Bunch Length</b>             | <b>Xiao, Yang</b>             | <b>Stored beam &amp;<br/>injection</b> |
| <b>Wednesday August 5, 2015</b> |   |                               |  |
| <b>0000-0600</b>                | <b>Measure Bunch Length (continued)</b> | <b>Xiao, Yang</b>             | <b>Stored beam &amp;<br/>injection</b> |
| <b>0700-0800</b>                | <b>Prepare for User beam</b>            | <b>OPS</b>                    | <b>Stored Beam &amp;<br/>Injection</b> |