Only first two MDs did not get the foreseen machine time (solution found)

<table>
<thead>
<tr>
<th>Tue 25/8</th>
<th>Wed 26/8</th>
<th>Thu 27/8</th>
<th>Fri 28/8</th>
<th>Sat 29/8</th>
<th>Sun 30/8</th>
<th>Mon 31/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>03:00 - 07:00</td>
<td>postponed to floating MD</td>
<td>01:00 - 03:00</td>
<td>Recovery</td>
<td>02:00 - 06:00</td>
<td>Towards automatic coupling</td>
<td>21:00 - 06:00</td>
</tr>
<tr>
<td>07:00 - 10:00</td>
<td>downtime due to water problem</td>
<td>03:00 - 06:00</td>
<td>MD377 (ded): Schottky pick-up</td>
<td>02:00 - 06:00</td>
<td>MD349 (ded): Impact of Localization</td>
<td>04:00 - 06:00</td>
</tr>
<tr>
<td>10:00 - 10:00</td>
<td>MD 307 aborted due to dump</td>
<td>06:00 - 10:00</td>
<td>MD307 (ded): Beta* reach: Collimation with tighter TCTs</td>
<td>06:00 - 14:00</td>
<td>MD314 (ded): Beta* reach: IR7 collimation hierarchy limit and Impedance</td>
<td>06:00 - 19:00</td>
</tr>
<tr>
<td>10:00 - 11:00</td>
<td>MD475 (ded): Calibration of the BSRT</td>
<td>11:00 - 12:00</td>
<td>Ramp down and recovery</td>
<td>12:00 - 20:00</td>
<td>MD751 (ded): Train Instability Threshold and tune shift study with reduced retraction between primary and</td>
<td>06:00 - 19:00</td>
</tr>
<tr>
<td>15:00 - 16:00</td>
<td>MD365 (ded): Optimun RF parameters at 6.5 TeV</td>
<td>10:00 - 12:00</td>
<td>Ramp down and recovery</td>
<td>14:00 - 16:00</td>
<td>Ramp down and recovery</td>
<td>06:00 - Prepare for TS1</td>
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<tr>
<td>15:00 - 19:00</td>
<td>MD365 (ded): Optimun RF parameters at 6.5 TeV</td>
<td>17:00 - 18:00</td>
<td>MD373 (ded): Shaping of longitudinal bunch profile with RF noise and modulation</td>
<td>16:00 - 04:00</td>
<td>MD239 (ded): Collide and squeeze / b* leveling</td>
<td>16:00 - 19:00</td>
</tr>
<tr>
<td>23:00 - postponed to floating MD</td>
<td>22:00 - 02:00</td>
<td>Towards automatic coupling</td>
<td>22:00 - 02:00</td>
<td>MD750 (ded): Towards automatic coupling</td>
<td>21:00 - 06:00</td>
<td>MD380 (ded): NONLINEAR ERRORS IN THE LHC INSERTION REGIONS</td>
</tr>
</tbody>
</table>

31/08/2015
LHC Morning meeting – JU
The Agenda

- Mon 31st 07:00 Start of Technical Stop 2
- Friday 4th 17:00 End Technical Stop 2
- Next 8:30 Meeting: Friday morning

**Coordinators of this Week:**

Technical Stop Coordination: Marzia Bernardini
Re-start: Wolfgang Höfle, Jan Uythoven
Important MD observation 1/2: B1H train instability with 72 bunches spaced by 25 ns at EOS => ~ 5 times more octupoles (for Q’ ~ +7) needed compared to prediction with impedance only (tbc!)
Important MD observation 2/2: B2V train instability with 72 bunches spaced by 25 ns at FT => ~ 5 times more octupoles (for Q’ ~ +7) needed compared to prediction with impedance only (tbc!)

- In the MD of previous page, we set Q’h ~ 7 and Q’v ~ 15 => B1H instability at ~ 360 A in the LOF (i.e. ~ 5 times more than predicted and measured with a single bunch)

- In this MD, we set Q’h ~ 15 and Q’v ~ 7 => B2V instability at ~ 360 A in the LOF (i.e. ~ 5 times more than predicted and measured with a single bunch)
IMPORTANT: NEXT STEP for instability team

=> Disentangle between

1) Purely impedance/chromaticity/octupoles/damper effects
2) Purely e-cloud effects
3) Interplay between the two

◆ Careful data analysis
◆ Future studies which could be done
  ▪ MD with a 50 ns train compared to a 25 ns train
  ▪ Etc.