<table>
<thead>
<tr>
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<th>Description</th>
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<th>Task Person</th>
<th>Forms</th>
<th>Hr</th>
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<tbody>
<tr>
<td>Access</td>
<td>Conditions</td>
<td>SPEAR access: 6:30 to 14:00 hrs</td>
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<td>Lockdown:</td>
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<td></td>
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<td>Linac</td>
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<td></td>
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<td>SPEAR - run kickers 6:00 to 6:10 am</td>
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<td></td>
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<td>- ZVV Dipole PS by 6:30 am</td>
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<td>Booster - ZV by 8:00 am</td>
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<td>De-post Linac roof by 7:30 am</td>
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<td>Access</td>
<td>Conditions</td>
<td>SPEAR - Power Supply Checks - 2 hrs after power restored</td>
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<td>Access</td>
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<td>RSWCF Open:</td>
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<td>- De-post LINAC roof for Seismic Upgrade tour.</td>
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<tr>
<td>Beam Line</td>
<td>Vacuum</td>
<td>Beam Line front end Functional Diagram updates</td>
<td>Nalls</td>
<td>Vacuum</td>
<td>Jacobson</td>
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<tr>
<td>Booster</td>
<td>Power Conversion</td>
<td>Booster Ejection kicker inspection</td>
<td>Beukers</td>
<td>PCD</td>
<td>Beukers/Krzaszczak</td>
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<td>System</td>
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<tr>
<td>Booster</td>
<td>Mechanical</td>
<td>Booster ring maintenance inspections (requires booster ring access).</td>
<td>Ernst</td>
<td>MSG</td>
<td>1 MSG tech</td>
<td>1 (requires LOTO ZVV for all magnet strings)</td>
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<tr>
<td>Booster</td>
<td>Mechanical</td>
<td>Review Septum magnet conductor cover design</td>
<td>Ernst</td>
<td>MSG</td>
<td>1 MSG tech</td>
<td>Requir es LOTO ZVV</td>
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<tr>
<td>Booster</td>
<td>Vacuum</td>
<td>Walk trhu</td>
<td>Nalls</td>
<td>Vacuum</td>
<td>Vargas</td>
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<tr>
<td>LINAC</td>
<td>MPS</td>
<td>Investigate the LCW temps crosstalk problem.</td>
<td>Lessard</td>
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<tr>
<td>LTB</td>
<td>Power Conversion</td>
<td>Install new LTB-B2 PS and EPSC. Rack 103 el 05</td>
<td>de Lira</td>
<td>PCD</td>
<td>de Lira/Johnson</td>
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<tr>
<td>LTB</td>
<td>Power Conversion</td>
<td>Remove unused PS's from rack 103 el 22 (LTB-C4H &amp; LTB-C5H)</td>
<td>de Lira</td>
<td>PCD</td>
<td>de Lira/Johnson</td>
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<tr>
<td>LTB</td>
<td>Vacuum</td>
<td>Install ICT</td>
<td>Nalls</td>
<td>Vacuum</td>
<td>Vargas, Nalls</td>
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</tr>
<tr>
<td>LTB</td>
<td>Vacuum</td>
<td>Dry lubricate stoppers. Joe Vargas</td>
<td>Nalls</td>
<td>Vacuum</td>
<td>Vargas</td>
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</tbody>
</table>
# SSRL - Accelerator Maintenance Day Tasks

<table>
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<tr>
<th>System</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SPEAR</td>
<td>Beam Monitoring and Diagnostics</td>
<td>17S - install BL loss monitor (diagnose if area high loss)</td>
<td>Martin,</td>
<td></td>
<td>Corbett?</td>
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<tr>
<td>SPEAR</td>
<td>Thermocouple System</td>
<td>17S bellows/mask module - install TC on leak area</td>
<td>Ortiz,</td>
<td></td>
<td>Scott</td>
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<tr>
<td>SPEAR</td>
<td>Power Conversion</td>
<td>Spear kickers - inspections and repairs.</td>
<td>- Beukers</td>
<td>PCD</td>
<td>Beukers/Krzaszczak</td>
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<tr>
<td>SPEAR</td>
<td>Power Conversion</td>
<td>17G-ECD PS interface board fix</td>
<td>de Lira</td>
<td>PCD</td>
<td>de Lira/Johnson</td>
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<tr>
<td>SPEAR</td>
<td>Power Conversion</td>
<td>09S-QD1 - replace bit buss controller and test</td>
<td>de Lira</td>
<td>PCD</td>
<td>de Lira/Johnson</td>
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<tr>
<td>SPEAR</td>
<td>Mechanical</td>
<td>BL-13 ID tooling ball sockets</td>
<td>Dell’Orco</td>
<td>MSG</td>
<td>Dell’Orco, 2 MSG techs</td>
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<tr>
<td></td>
<td></td>
<td>Requires Hot Work Permit for TIG welding and SPEAR ring VESDA system to be off.</td>
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<tr>
<td>SPEAR</td>
<td>Mechanical</td>
<td>21. Install new stop dampers on SPEAR Stopper ST-1 &amp; 2</td>
<td>Ernst</td>
<td>MSG</td>
<td>2 MSG techs</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Perform SAPE -065 PPS Beam Stopper Preventive Maintenance and test Procedure as final functional test.</td>
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<td>Requir es RSWCF for working on PPS system components.</td>
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<tr>
<td>SPEAR</td>
<td>Mechanical</td>
<td>22. Install dipole step over platform (model one location)</td>
<td>Ernst</td>
<td>MSG</td>
<td>1 MSG tech</td>
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<tr>
<td>SPEAR</td>
<td>Mechanical</td>
<td>23. SPEAR maintenance inspections</td>
<td>Ernst</td>
<td>MSG</td>
<td>1 MSG tech</td>
<td>requires LOTO ZVV for all magnet strings</td>
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<tr>
<td>SPEAR</td>
<td>Vacuum</td>
<td>24. Walk thru</td>
<td>Nalls</td>
<td>Vacuum Pak</td>
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<tr>
<td>SPEAR</td>
<td>Vacuum</td>
<td>25. Strip 18S-RGA bake out. Switch RGA bakeable HV cable to right angle HV cable</td>
<td>Nalls</td>
<td>Vacuum Jacobson</td>
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### SSRL - Accelerator Maintenance Day Tasks

#### 12/6/2010

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<tr>
<td>SPEAR</td>
<td>Vacuum</td>
<td>18S-RGA: Qualify base pressure and scans</td>
<td>Nalls</td>
<td>Vacuum</td>
<td>Bach, Pak, Ortiz</td>
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<tr>
<td></td>
<td></td>
<td>Open RGA to Cav D</td>
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<td></td>
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<td>Leak check Cav D area and ceramic window (non vac side thru waveguide)</td>
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<tr>
<td>SPEAR</td>
<td>Vacuum</td>
<td>17S-IG1; trouble shoot instabilities</td>
<td>Nalls</td>
<td>Vacuum</td>
<td>Pak</td>
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<tr>
<td>SPEAR</td>
<td>Vacuum</td>
<td>18S-RGA camera removable</td>
<td>Nalls</td>
<td>NetworkGroup</td>
<td>Ramirez, Camuso</td>
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<tr>
<td>SPEAR, Injector</td>
<td>Facilities</td>
<td>Tour of accelerator areas related to Seismic Upgrade</td>
<td>Nalls</td>
<td>NetworkGroup</td>
<td>Ramirez, Camuso</td>
<td></td>
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