<table>
<thead>
<tr>
<th>DECEMBER 9th</th>
<th></th>
</tr>
</thead>
</table>

**SP3 Related:**

1. **SPEAR 2 Removal/Keep Component Tagging:**
   - Vacuum: Vacuum component and cable tagging.
   - Electrical: Neal, Nall, Morales
   - Mechanical: EDM
   - **Neal, Nall, Morales**

   - **Nzeadibe**

3. **Cable Plant Inspection:** Tour of ring and pictures
   - Mario Ortega, Ponce Rodriguez, Robert Fuller

4. **AC Power:** Verification of panel circuit breakers per test procedure.
   - Bellomo/Widmeyer

5. **Identify electrical hazards** for SPEAR 2 demolition in Ring and BTS (entry through the E-gate)
   - Guerra

6. **Septum Raft:**
   - Weld ball sockets to I-beams (needs smoke detectors off)
   - Fiducialize
   - **Trautwein:**
     - MSG
     - Alignment

7. **Alignment:** survey roof block by BTS for replacement (2-3 for 1 hr)
   - Examine/begin concrete cut line marking around ring (2-3 for 2 hrs)
   - **Boyce:**
     - Alignment

8. **Review Vacuum System dis-assembly procedures**
   - Nanyang, Morales, Scott, Boyce

9. **BL4 & BL7:** Measurements for the encoder, motor and other cables.
   - **Dao**

10. **Re-route or restrain LN2 boiloff lines** at the following locations:
    - BL1, BL3, BL5, BL6, 2S3, 3S4, 17S18, East Straight
    - Wiertel, Jacobson, Neal
** Summary of SPEAR/Beamline Maintenance for 2003 Run **

<table>
<thead>
<tr>
<th>11.</th>
<th>Finish SPEAR 3 girder location stenciling.</th>
<th>MSG</th>
<th>4 hr</th>
</tr>
</thead>
</table>

** SP2: **

1. **Investigate QF/QD power supplies** for CAP over-current fault. | DeLira, Taylor | 4 hr |
2. **Injection System Diagnostics** – inspect and repair as necessary Beam profile monitors screens/cameras | Calloway | 4 hr |
3. **Cable tray installation** at beamline 2 in the ring. (For Horton) | Shewchuk | 8 hr |
4. Check **receptacles at beamline 1** in the ring. | Shewchuk | 2 hr |
5. **North Actuator Monitor chassis:** Determine the root cause for the problem with the channel selector switch. | Dao | 4 hr
   | No Access |
6. • Mechanical inspections.  
   • Install extension cords w/GFI on one sump pump in east and west pit. | MSG | Access required |

** Injector:**

7. **Booster: Mechanical inspections** | MSG | Access required |
8. **Booster RF HVPS soft start box** - add cooling fans and air filters. | Wachter | 6 hr |
9. **Vacuum Systems visual inspection walkthrough.** | Wiertel, Neal | .5 hr |
10. **BL4--Inspect 4-0 IG3** (blown filament?). | Wiertel, ? | .5 hr |
11. **BL 118 Power Supplies** - change filters | JHostetler, Theobald | 2 hr |

** JANUARY 13th **

** SP3: **

1. **ID Cables** – identify for BL9,10,11 | EDM |
2. |
** Summary of SPEAR/Beamline Maintenance for 2003 Run **

<table>
<thead>
<tr>
<th>MARCH 3th</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SP3:</td>
<td>--</td>
</tr>
<tr>
<td>1.</td>
<td>--</td>
</tr>
<tr>
<td>2.</td>
<td>--</td>
</tr>
</tbody>
</table>