

Test Plan of S1-Global

Draft

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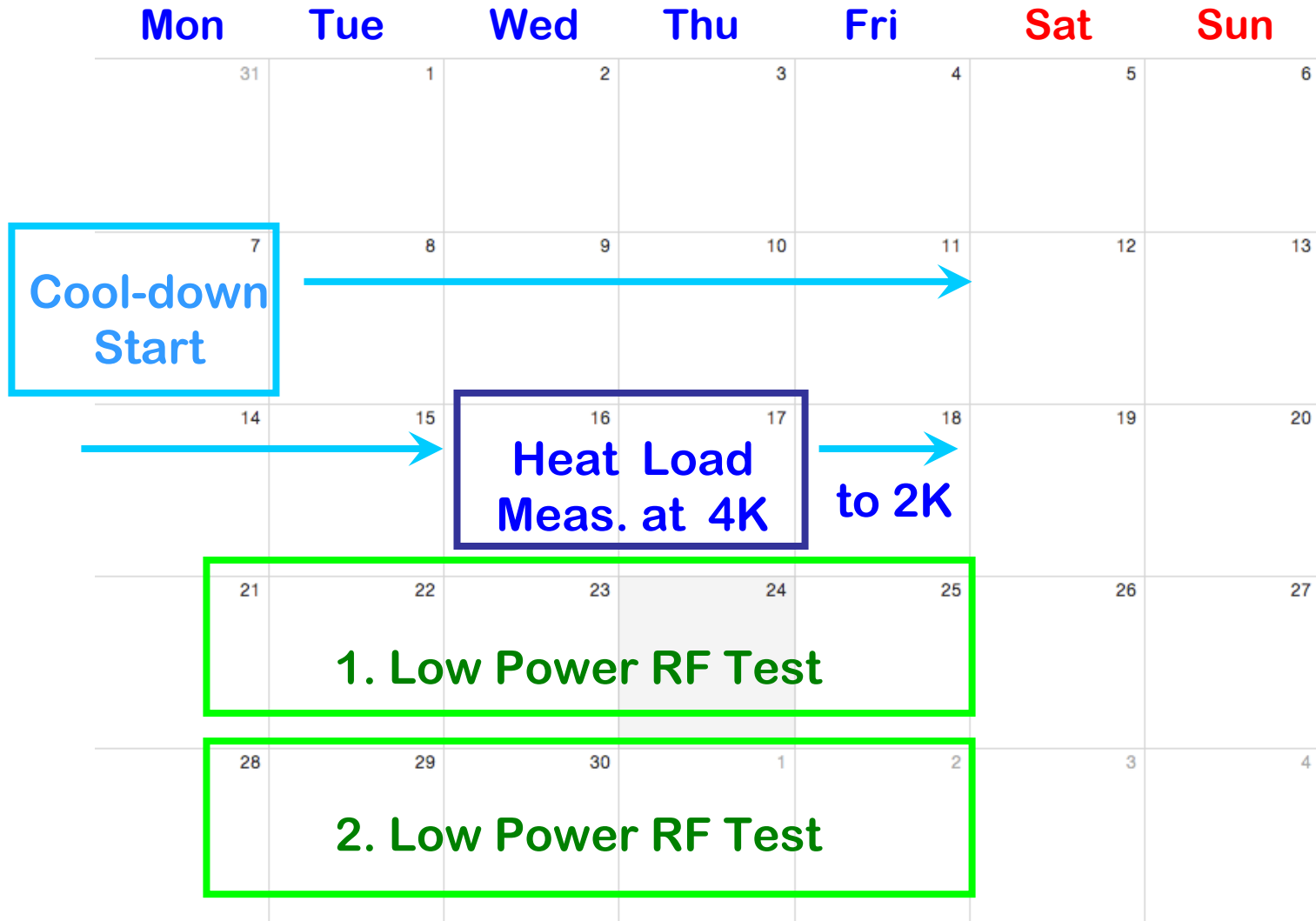


Schedule of S1-Global

- May 10 ~ ; Warm coupler assembly**
- May 17 ~ ; Connection of beam pipe**
Attachment of flange for RF&piezo cables
- ~ 21 ; → Ready for pumping the vacuum vessel**
- May 24 ~28 ; (IPAC2010 @ Kyoto)**
- May 31 ~ ; Assembly of vacuum system for couplers**
pumping, leak check, baking
- ~ June 04 ; → Ready for cool-down**
- June 07 ~ ; → Start of 1st cool-down**
- ~ July 23 ; End of Low power tests**
- Sept. 06 ~ ; → Start of 2nd cool-down**



June, 2010





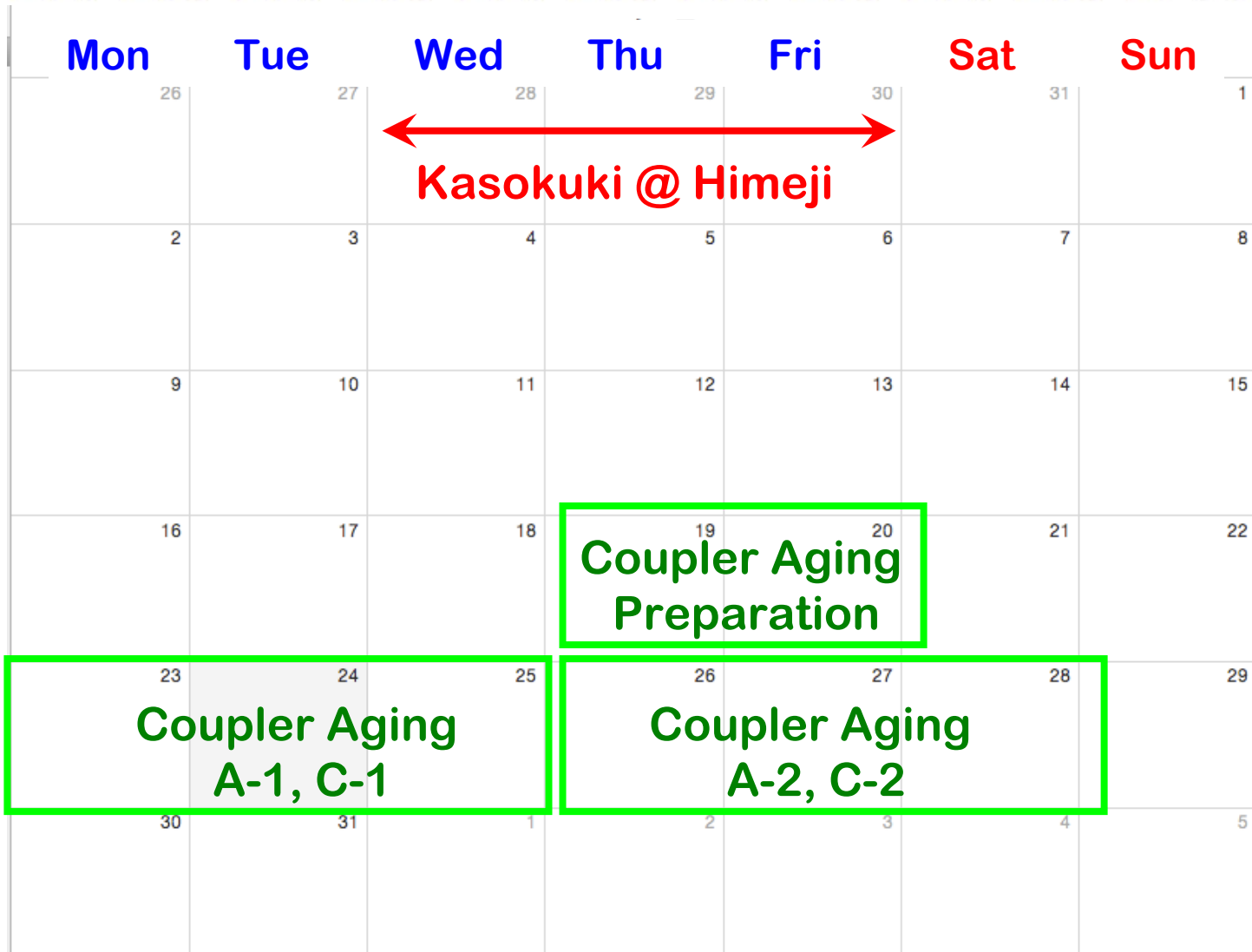
July, 2010

| Mon | Tue | Wed | Thu | Fri | Sat | Sun | |
|---------|--|-----|---------------------------------|-----|-----|-----|----|
| 28 | 29 | 30 | 1 | 2 | 3 | 4 | |
| 5 | 3. Low Power RF Test INFN/FNAL | | | | 9 | 10 | 11 |
| 12 | Heat Load Meas. at 2K | | Calib. Meas. at 2K by Heater | | 17 | 18 | |
| Holiday | 4. Low Power RF Test (or INFN/FNAL) | | | | 24 | 25 | |
| 26 | 27 | 28 | 29 | 30 | 31 | 1 | |

→ Warm up

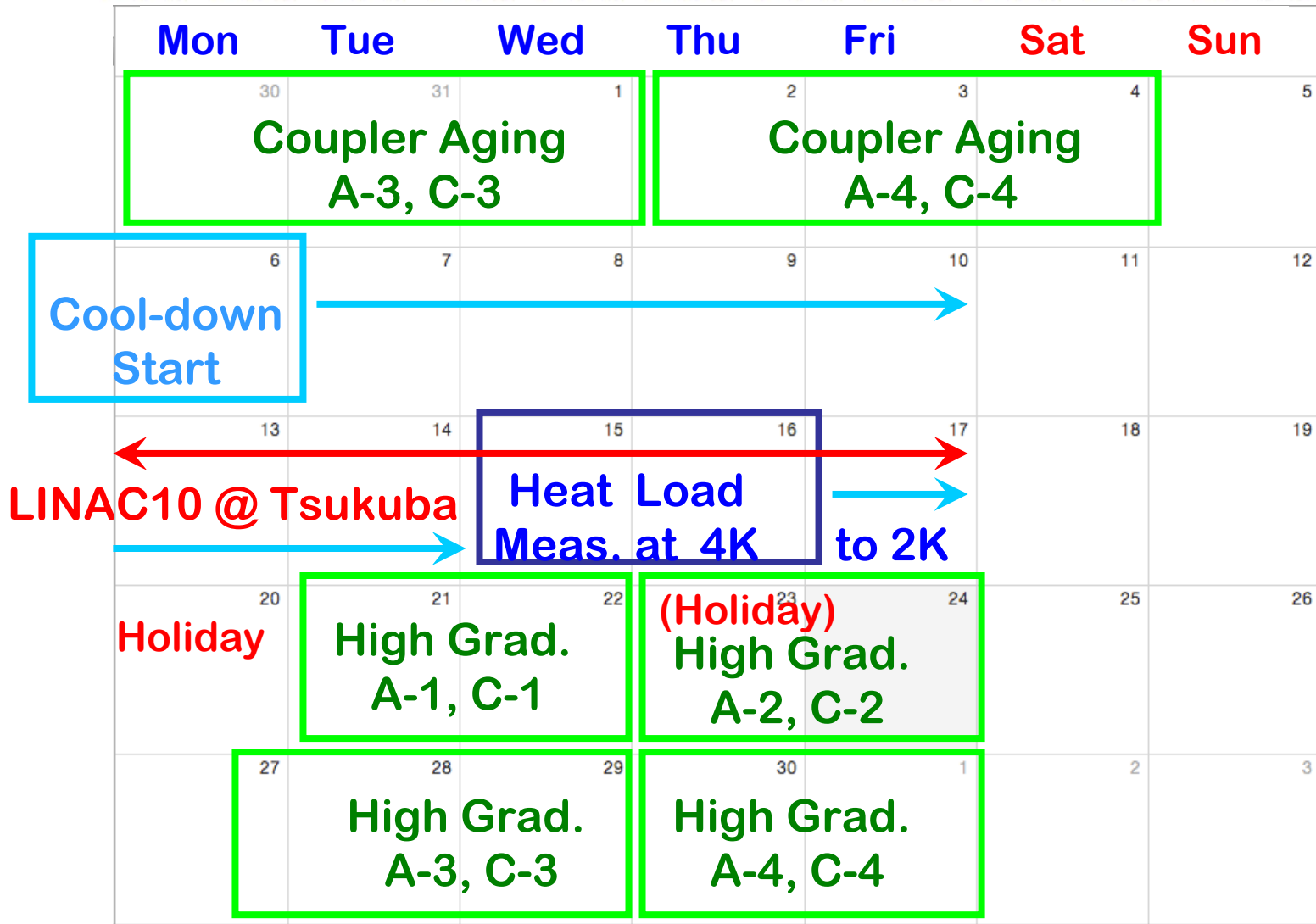


August, 2010





September, 2010





October, 2010

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-----|------------------------|---------------------|------------------------|-----|-----|-----|
| 27 | 28 | 29 | 30 | 1 | 2 | 3 |
| 4 | Lorentz D. A-1, C-1 | | Lorentz D. A-2, C-2 | | 9 | 10 |
| 11 | Lorentz D. A-3, C-3 | | Lorentz D. A-4, C-4 | | 16 | 17 |
| 18 | Dynamic Loss A-1 | Dynamic Loss A-2 | Meas. A-3 | A-4 | 23 | 24 |
| 25 | Dynamic Loss C-1 | Dynamic Loss C-2 | Meas. C-3 | C-4 | 30 | 31 |



November, 2010

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-----------------------|-----|-----------------------|--------------------------------|----------------|-----|-----|
| 1 4 Cavity Control | 2 | 3 Holiday | 4 LLRF | 5 | 6 | 7 |
| 8 LLRF | 9 | 10 | 11 Dynamic Loss A 4 cav. | 12 C 4 cav. | 13 | 14 |
| 15 LLRF | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 Holiday | 23 | 24 8 Cav. Cont. | 25 Dynamic Loss 8 cav. | 26 8 cav. | 27 | 28 |
| 29 Heat Load at 2K | 30 | 1 | 2 Calibration by Heater | 3 | 4 | 5 |
| DRFS Preparation | | | | | | |



December, 2010

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|------|-----|-----|---------|-----|-----|-----|
| 29 | 30 | 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| DRFS | | | | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| DRFS | | | | | | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| DRFS | | | Holiday | | | |
| | | | Warm up | | | |
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |