**Cycle 13**

**Beam Operations: January-June 2011**

| January, 2011 | Su | Mo | T | W | Th | F | S |
|---|---|---|---|---|---|---|---|
| | | | | | | | 1 (stat) |
| 00:00 - 08:00 | | | | | | | X |
| 08:00 - 16:00 | | | | | | | X |
| 16:00 - 24:00 | | | | | | | X |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 00:00 - 08:00 | X | M | M | M | NS | NS | NS |
| 08:00 - 16:00 | X | M | D | D | NS | NS | N |
| 16:00 - 24:00 | X | M | D | D | NS | NS | N |
| | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | DS | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | N | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | DS | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 30 | 31 | | | | | |
| 00:00 - 08:00 | N | N | | | | | |
| 08:00 - 16:00 | N | D | | | | | |
| 16:00 - 24:00 | N | DS | | | | | |

| April, 2011 | Su | Mo | T | W | Th | F | S |
|---|---|---|---|---|---|---|---|
| | | | | | | 1 | 2 |
| 00:00 - 08:00 | | | | | | M | M |
| 08:00 - 16:00 | | | | | | M | M |
| 16:00 - 24:00 | | | | | | M | M |
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 00:00 - 08:00 | M | M | M | M | M | M | M |
| 08:00 - 16:00 | M | M | M | M | M | M | M |
| 16:00 - 24:00 | M | M | M | M | M | M | M |
| | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 00:00 - 08:00 | M | M | M | M | M | M | M |
| 08:00 - 16:00 | M | M | M | M | M | M | M |
| 16:00 - 24:00 | M | M | M | M | M | M | M |
| | 17 | 18 | 19 | 20 | 21 | 22 (stat) | 23 |
| 00:00 - 08:00 | M | M | M | M | M | M | M |
| 08:00 - 16:00 | M | M | M | M | M | M | M |
| 16:00 - 24:00 | M | M | M | M | M | M | M |
| | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 00:00 - 08:00 | M | M | M | M | NS | NS | NS |
| 08:00 - 16:00 | M | D | D | D | D | D | D |
| 16:00 - 24:00 | M | D | D | D | D | D | D |
| | | | | | | | |
| 00:00 - 08:00 | | | | | | | |
| 08:00 - 16:00 | | | | | | | |
| 16:00 - 24:00 | | | | | | | |

| February, 2011 | Su | Mo | T | W | Th | F | S |
|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 |
| 00:00 - 08:00 | | | SB | N | N | N | N |
| 08:00 - 16:00 | | | SB | N | N | N | N |
| 16:00 - 24:00 | | | N | N | N | N | N |
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 00:00 - 08:00 | N | N | DS - CSR | N | N | N | N |
| 08:00 - 16:00 | N | D | DS - CSR | N | N | N | N |
| 16:00 - 24:00 | N | DS - CSR | N | N | N | N | N |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | N | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 20 | 21 (stat) | 22 | 23 | 24 | 25 | 26 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | N | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 27 | 28 | | | | | |
| 00:00 - 08:00 | N | N | | | | | |
| 08:00 - 16:00 | N | N | | | | | |
| 16:00 - 24:00 | N | N | | | | | |

| May, 2011 | Su | Mo | T | W | Th | F | S |
|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 00:00 - 08:00 | NS | NS | NS | NS | NS | NS | NS |
| 08:00 - 16:00 | D | D | D | NS | NS | NS | NS |
| 16:00 - 24:00 | D | D | D | NS | NS | NS | NS |
| | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 00:00 - 08:00 | NS | NS | NS | NS | N | N | N |
| 08:00 - 16:00 | NS | D | DS | N | N | N | N |
| 16:00 - 24:00 | NS | D | NS | N | N | N | N |
| | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | N | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 22 | 23 (stat) | 24 | 25 | 26 | 27 | 28 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | D | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 29 | 30 | 31 | | | | |
| 00:00 - 08:00 | N | N | SB | | | | |
| 08:00 - 16:00 | N | D | SB | | | | |
| 16:00 - 24:00 | N | DS | N | | | | |

| March, 2011 | Su | Mo | T | W | Th | F | S |
|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 |
| 00:00 - 08:00 | | | N | N | M | M | M |
| 08:00 - 16:00 | | | N | M | M | M | M |
| 16:00 - 24:00 | | | N | M | M | M | M |
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 00:00 - 08:00 | M | M | M | M | M | M | M |
| 08:00 - 16:00 | M | M | M | M | M | M | M |
| 16:00 - 24:00 | M | M | M | M | M | M | M |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 00:00 - 08:00 | M | M | M | M | M | M | M |
| 08:00 - 16:00 | M | M | M | M | M | M | M |
| 16:00 - 24:00 | M | M | M | M | M | M | M |
| | | | | | | | |
| | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 00:00 - 08:00 | M | M | M | M | M | M | M |
| 08:00 - 16:00 | M | M | M | M | M | M | M |
| 16:00 - 24:00 | M | M | M | M | M | M | M |
| | 27 | 28 | 29 | 30 | 31 | | |
| 00:00 - 08:00 | M | M | M | M | M | | |
| 08:00 - 16:00 | M | M | M | M | M | | |
| 16:00 - 24:00 | M | M | M | M | M | | |

| June, 2011 | Su | Mo | T | W | Th | F | S |
|---|---|---|---|---|---|---|---|
| | | | | 1 | 2 | 3 | 4 |
| 00:00 - 08:00 | | | | N | N | N | N |
| 08:00 - 16:00 | | | | N | N | N | N |
| 16:00 - 24:00 | | | | N | N | N | N |
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | DS | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 00:00 - 08:00 | N | N | NS | N | N | N | N |
| 08:00 - 16:00 | N | D | N | N | N | N | N |
| 16:00 - 24:00 | N | D | N | N | N | N | N |
| | | Summer School | | | SES | AUM | |
| | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 00:00 - 08:00 | N | N | N | N | N | N | D |
| 08:00 - 16:00 | N | N | N | N | N | D | D |
| 16:00 - 24:00 | N | N | N | N | N | D | D |
| | 26 | 27 | 28 | 29 | 30 | | |
| 00:00 - 08:00 | NS | N | N | N | N | | |
| 08:00 - 16:00 | N | N | N | N | M | | |
| 16:00 - 24:00 | N | N | N | N | M | | |

| | | |
|---|---|---|
| 6 | X | Shut Down Mode: Beam Off |
| 171 | M | Maintenance Mode |
| 51 | D | Development Mode (Machine Studies) (HSE & Sr. Operator) |
| 6 | DS | Development Mode (Special Beamline Development (current TBA)) (HSE & Sr. Operator) |
| 3 | DS- CSR | Development Mode (Special Beamline Development (current TBA)) (HSE & Sr. Operator) |
| 260 | N | Normal Mode (Beam On (current 250 mA)) |
| 42 | NS | Normal Mode (Special Beamline Requests/Commissioning (current TBA) |
| 4 | SB | Single Bunch (TBC) or CSR studies (TBC) |
| 543 | | |