PrimEx-II Run Sheet, Run Number: 64468
Date: 16/11 Time start: 2.45p. Shift Persons: 
Electron beam current: _______ MOR rate: _______ PS rate: ______
DAQ rate: ______ Live time: ______ 
Radiator: ______ Converter: ______ Target: ______ 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: ______ Number of events: ______ 
Data quality (circle one): good/junk
Comments:

-------------------------

PrimEx-II Run Sheet, Run Number: 64469 - 64479
Date: ______ Time start: ______ Shift Persons: 
Electron beam current: _______ MOR rate: _______ PS rate: ______
DAQ rate: ______ Live time: ______ 
Radiator: ______ Converter: ______ Target: ______ 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: ______ Number of events: ______ 
Data quality (circle one): good/junk
Comments: junk

-------------------------

PrimEx-II Run Sheet, Run Number: 64470
Date: 10/12/10 Time start: 2.40 Shift Persons: 
Electron beam current: _______ MOR rate: _______ PS rate: ______
DAQ rate: ______ Live time: ______ 
Radiator: ______ Converter: ______ Target: ______ 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 2.40 Number of events: ~4k
Data quality (circle one): good/junk
Comments: Pedestals
PrimEx-II Run Sheet, Run Number: 6447
Date: 9/11/00 Time start: 2:45 Shift Persons: __________
Electron beam current: ________ MOR rate: ________ PS rate: ________
DAQ rate: ________ Live time: ________
Radiator: ________ Converter: ________ Target: ________
TAC (circle one): in/out
Enabled Triggers Prescale Factor

__ __ __ __
__ __ __ __
__ __ __ __
Time end: 2:45 Number of events: ~4k
Data quality (circle one): good/junk
Comments: Pedestals

PrimEx-II Run Sheet, Run Number: __________
Date: ________ Time start: ________ Shift Persons: ________
Electron beam current: ________ MOR rate: ________ PS rate: ________
DAQ rate: ________ Live time: ________
Radiator: ________ Converter: ________ Target: ________
TAC (circle one): in/out
Enabled Triggers Prescale Factor

__ __ __ __
__ __ __ __
__ __ __ __
Time end: ________ Number of events: ________
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: __________
Date: ________ Time start: ________ Shift Persons: ________
Electron beam current: ________ MOR rate: ________ PS rate: ________
DAQ rate: ________ Live time: ________
Radiator: ________ Converter: ________ Target: ________
TAC (circle one): in/out
Enabled Triggers Prescale Factor

__ __ __ __
__ __ __ __
__ __ __ __
Time end: ________ Number of events: ________
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64486
Date: 10/12/10 Time start: 07:43 Shift Persons: I. Lamb, D. Rinaldi
Electron beam current: 100 x A MOR rate: _______ PS rate: _______
DAQ rate: _______ Live time: _______ 
Radiator: 42 = 3 x 10^-4 Converter: _______ Target: carbon
TAC (circle one): in/out 
Enabled Triggers Prescale Factor

Time end: 08:32 Number of events: 6.5 M
Data quality (circle one): good/junk
Comments: no TAGE crate < 

---

PrimEx-II Run Sheet, Run Number: 64487
Date: 10/12/10 Time start: _______ Shift Persons: _______
Electron beam current: _______ MOR rate: _______ PS rate: _______
DAQ rate: _______ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out 
Enabled Triggers Prescale Factor

Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: test w/ TAGE crate in

---

PrimEx-II Run Sheet, Run Number: 64488
Date: 10/12/10 Time start: 10:20 Shift Persons: M. D'Asamo
Electron beam current: _______ MOR rate: _______ PS rate: _______
DAQ rate: _______ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out 
Enabled Triggers Prescale Factor

Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: fool around with rate measurement.
PrimEx-II Run Sheet, Run Number: 64489
Date: 6/12/10 Time start: 14:50 Shift Persons: M.Ito, A. Sitnikov
Electron beam current: MOR rate: PS rate:
DAQ rate: Live time:
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 9:15 Number of events: 
Data quality (circle one): good/junk
Comments: no beam for DAQ testing.

PrimEx-II Run Sheet, Run Number: 64490
Date: 10/12/10 Time start: Shift Persons: test run
Electron beam current: MOR rate: PS rate:
DAQ rate: Live time:
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: 
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64491
Date: 10/12/10 Time start: 16:35 Shift Persons: G. Fedotov, D. Gluza
Electron beam current: 100 mA MOR rate: 20 pA PS rate: 338 K
DAQ rate: 2.84 Hz Live time: 62.0
Radiator: 1/10 Converter: retract Target: 10°6.5°
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 17:0 Number of events: 5.7M
Data quality (circle one): good/junk
Comments: production! MO: Ti-Ti9 Tagger: E1-E108 are on?
PrimEx-II Run Sheet, Run Number: 64453
Date: 10/12/10 Time start: 15:46 Shift Persons: G. Fedorov, D. Golmar, M.
Electron beam current: 100 nA MOR rate: 20 M PS rate: 340 K
DAQ rate: 2.8 k Hz Live time: 9.2 hr
Radiator: retract Converter: retract Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR 71 1000
Hycal all other 0
MOR + Hycal
Time end: 20:02 Number of events: 28 M
Data quality (circle one): good junk
Comments:

PrimEx-II Run Sheet, Run Number: 64453
Date: 10/12/10 Time start: 15:46 Shift Persons: G. Fedorov, D. Golmar, M.
Electron beam current: 100 nA MOR rate: 20 M PS rate: 340 K
DAQ rate: 2.8 k Hz Live time: 9.2 hr
Radiator: retract Converter: retract Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR 71 1000
Hycal all other 0
MOR + Hycal
Time end: 20:02 Number of events: 28 M
Data quality (circle one): good junk
Comments:

PrimEx-II Run Sheet, Run Number: 644981
Date: 10-12-10 Time start: 20:26 Shift Persons: G. Fedorov, D. Golmar, M.
Electron beam current: 100 nA MOR rate: 2.5 M PS rate: 340 K
DAQ rate: 2.8 k Hz Live time: 9.6 hr
Radiator: retract Converter: retract Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR 71 1000
Hycal all other 0
MOR + Hycal
Time end: 21:28 Number of events: 8.6 M
Data quality (circle one): good junk
Comments:

MOR is T1 - T9 only.
PrimEx-II Run Sheet, Run Number: 64495
Date: 10-12-10 Time start: 21:23 Shift Persons: G. Fedor 0.6 2. guard
Electron beam current: 100 nA MOR rate: 20 M PS rate: 340 K
DAQ rate: 2.9 kHz Live time: 99.7%
Radiator: \( \times 10^{-4} \) Converter: retract Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\begin{itemize}
  \item MOR \( \frac{T1 - 10000}{1} \)
  \item MCAL
  \item Clock
  \item MCAL + MOR
\end{itemize}
Time end: 23:30 Number of events: 10 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64496
Date: 10-12-10 Time start: 22:12 Shift Persons: G. Fedor 0.6 2. guard
Electron beam current: 100 nA MOR rate: 10 M PS rate: 329 K
DAQ rate: 2.3 kHz Live time: 99.7%
Radiator: \( \times 10^{-4} \) Converter: retract Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\begin{itemize}
  \item MOR \( \frac{T1 - 10000}{1} \)
  \item MCAL
  \item Clock
  \item MCAL + MOR
\end{itemize}
Time end: 22:20 Number of events: 5.4 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64497
Date: 10-12-10 Time start: 23:25 Shift Persons: G. Fedor 0.6 2. guard
Electron beam current: 100 nA MOR rate: 20 M PS rate: 340 K
DAQ rate: 3.8 kHz Live time: 99.7%
Radiator: \( \times 10^{-4} \) Converter: retract Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\begin{itemize}
  \item MOR \( \frac{PS - 10000}{1} \)
  \item MCAL
  \item Clock
  \item MCAL + MOR
\end{itemize}
Time end: 00:31 Number of events: 10.03 M
Data quality (circle one): good/junk
Comments:

\textbf{Add PS to the triggers}
<table>
<thead>
<tr>
<th>Run Number</th>
<th>Data</th>
<th>Junk</th>
<th>Date</th>
<th>Begin Run Time</th>
<th>No. of Events</th>
<th>Monitor Hists Printed</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>64480</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64481</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64482</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64483</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64484</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64485</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64486</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64487</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64488</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64489</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64490</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64491</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64492</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64493</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64494</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64495</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64496</td>
<td>☐</td>
<td>☐</td>
<td>_______</td>
<td>_______</td>
<td>_______</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>64497</td>
<td>☑</td>
<td>☐</td>
<td>10/19/10</td>
<td>23:35</td>
<td>10.0 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64498</td>
<td>☑</td>
<td>☐</td>
<td>10/13/10</td>
<td>00:42</td>
<td>10.1 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64499</td>
<td>☑</td>
<td>☐</td>
<td>10/13/10</td>
<td>01:55</td>
<td>10.5 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64500</td>
<td>☑</td>
<td>☐</td>
<td>10/13/10</td>
<td>03:18</td>
<td>2.4 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64501</td>
<td>☑</td>
<td>☐</td>
<td>10/13/10</td>
<td>05:06</td>
<td>9.999 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64502</td>
<td>☑</td>
<td>☐</td>
<td>10/12/10</td>
<td>06:20</td>
<td>5.2 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64503</td>
<td>☑</td>
<td>☐</td>
<td>10/13/10</td>
<td>07:03</td>
<td>10.6 M</td>
<td>☐</td>
<td>10% Si prod.</td>
</tr>
<tr>
<td>64504</td>
<td>☑</td>
<td>☐</td>
<td>10/13/10</td>
<td>08:25</td>
<td>~1 M</td>
<td>☐</td>
<td></td>
</tr>
</tbody>
</table>

To print this form, type 'checklist_run_print runnum'.

$Id: checklist_run.tex,v 1.11 2000/03/23 11:42:51 marki Exp$
PrimEx-II Run Sheet, Run Number: 64499
Date: 10-13-10  Time start: 00:42  Shift Persons: M. Khondaker, W. Phelps
Electron beam current: 100.4 A  MOR rate: 20.7 MHz  PS rate: 331 kHz
DAQ rate: 23.6 Hz  Live time: 96.10
Radiator: 1/10-4  Converter: Retracted  Target: 10% S.
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1 10^4
2 0
5 3500

Time end: 01:54  Number of events: 10.1 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64499
Date: 10-13-10  Time start: 01:55  Shift Persons: M. Khondaker, W. Phelps
Electron beam current: 100.4 A  MOR rate: 20.7 MHz  PS rate: 331 kHz
DAQ rate: 935 B  Live time: 96.10
Radiator: 1/10-4  Converter: Retracted  Target: 10% S.
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1 10^4
2 0
5 3500

Time end: 03:16  Number of events: 10.5 M
Data quality (circle one): good/junk
Comments: Radiator removed accidentally, beam was stopped 25 min

PrimEx-II Run Sheet, Run Number: 64499
Date: 10-13-10  Time start: 03:18  Shift Persons: M. Khondaker, W. Phelps
Electron beam current: 100.4 A  MOR rate: 20.7 MHz  PS rate: 331 kHz
DAQ rate: 2330 B  Live time: 96.10
Radiator: 1/10-4  Converter: Retracted  Target: 10% S.
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1 10^4
2 0
5 3500

Time end: 2:39  Number of events: 2.4 M
Data quality (circle one): good/junk
Comments: Beam tuning for Hall A and C
<table>
<thead>
<tr>
<th>Date</th>
<th>Time start</th>
<th>Swing Persons</th>
<th>Electron beam current</th>
<th>MOR rate</th>
<th>PS rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-13-10</td>
<td>06:16</td>
<td>M. Khundaker, W. Phelps</td>
<td>100 kA</td>
<td>208 MHz</td>
<td>333 kHA</td>
</tr>
<tr>
<td>10-13-10</td>
<td>06:17</td>
<td>M. Khundaker, W. Phelps</td>
<td>100 kA</td>
<td>208 MHz</td>
<td>333 kHA</td>
</tr>
<tr>
<td>10-13-10</td>
<td>06:17</td>
<td>M. Khundaker, W. Phelps</td>
<td>100 kA</td>
<td>208 MHz</td>
<td>333 kHA</td>
</tr>
</tbody>
</table>

**Radiator:**
- 104
- 104
- 104

**Converter:**
- Retract
- Retract
- Retract

**TAC (circle one):**
- in/out
- in/out
- in/out

**Enabled Triggers Prescale Factor**
- 10
- 10
- 10

**Time end:**
- 06:48
- 06:48
- 06:48

**Number of events:**
- 9.99 M
- 5.2 M
- 10.6 M

**Data quality (circle one):**
- good/junk
- good/junk
- good/junk

**Comments:**
- Beam down
<table>
<thead>
<tr>
<th>Run Number</th>
<th>Data</th>
<th>Junk</th>
<th>Date</th>
<th>Begin Run Time</th>
<th>No. of Events</th>
<th>Monitor Hists Printed</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>64505</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64506</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64507</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64508</td>
<td></td>
<td></td>
<td>10/13/80</td>
<td>11:52</td>
<td>11M</td>
<td></td>
<td>10% Si Production</td>
</tr>
<tr>
<td>64509</td>
<td></td>
<td></td>
<td></td>
<td>13:58</td>
<td>12M</td>
<td></td>
<td>Carbon production</td>
</tr>
<tr>
<td>64510</td>
<td></td>
<td></td>
<td></td>
<td>15:33</td>
<td>5M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64511</td>
<td></td>
<td></td>
<td></td>
<td>17:36</td>
<td>10M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64512</td>
<td></td>
<td></td>
<td></td>
<td>18:36</td>
<td>10M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64513</td>
<td></td>
<td></td>
<td></td>
<td>20:17</td>
<td>10.7M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64514</td>
<td></td>
<td></td>
<td>11/14</td>
<td>21:40</td>
<td>10M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64515</td>
<td></td>
<td></td>
<td>1/22</td>
<td>22:53</td>
<td>0.8M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64516</td>
<td></td>
<td></td>
<td></td>
<td>23:23</td>
<td>0.25M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64517</td>
<td></td>
<td></td>
<td></td>
<td>23:50</td>
<td>3M</td>
<td></td>
<td>LMS prob</td>
</tr>
<tr>
<td>64518</td>
<td></td>
<td></td>
<td>10/14</td>
<td>2:35</td>
<td>10M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64519</td>
<td></td>
<td></td>
<td></td>
<td>3:50</td>
<td>10M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64520</td>
<td></td>
<td></td>
<td>10/14</td>
<td>5:02</td>
<td>10M</td>
<td></td>
<td>current 110nA</td>
</tr>
<tr>
<td>64521</td>
<td></td>
<td></td>
<td></td>
<td>5:25</td>
<td>10M</td>
<td></td>
<td>current 110nA</td>
</tr>
<tr>
<td>64522</td>
<td></td>
<td></td>
<td>1/2</td>
<td>6:25</td>
<td>10M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64523</td>
<td></td>
<td></td>
<td>10/14</td>
<td>7:45</td>
<td>8.9M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64524</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64525</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64526</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64527</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64528</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64529</td>
<td></td>
<td></td>
<td></td>
<td>12:48</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To print this form, type 'checklist_run_print runnum'.

$Id: checklist_run.tex,v 1.11 2000/03/23 11:42:51 marki Exp$
PrimEx-II Run Sheet, Run Number: 64504
Date: 10/13/10 Time start: 8:25 Shift Persons: M. Ho, I. Lavin
Electron beam current: 100mA MOR rate: 7 PS rate: 
DAQ rate: 7 Live time: ?
Radiator: 4/1 1x10 Converter: ?? Target: Si 10%
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: 
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64508
Date: 10/13/10 Time start: 11:53 Shift Persons: M. Ho, I. Lavin
Electron beam current: 100mA MOR rate: 20 MHz PS rate: 550 kHz
DAQ rate: 24 kHz Live time: 24 hrs
Radiator: 1x10 Converter: None Target: Si 10%
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: ~11 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64509
Date: 10/13/10 Time start: 14:00 Shift Persons: M. Ho, I. Lavin
Electron beam current: 100mA MOR rate: 19 MHz PS rate: 150 kHz
DAQ rate: 24 kHz Live time: 36 hrs
Radiator: 4/1 1x10 Converter: None Target: Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 15:53 Number of events: 1217
Data quality (circle one): good/junk
Comments: 1st run, Carbon target
PrimEx-II Run Sheet, Run Number: 44510
Date: 10/13/10 Time start: 15:33 Shift Persons: M. Ito, T. Lecrin
Electron beam current: 100 nA MOR rate: PS rate:
DAQ rate: Live time:
Radiator: 1x10^-4 Converter: none Target: Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{align*}
1 & \quad 10000 \\
3 & \quad 2 \\
7 & \quad 3500
\end{align*}
\]
Time end: 16:25 Number of events: SM
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 54511
Date: 10/13/10 Time start: 17:36 Shift Persons: G. Fedoro, J. Glown
Electron beam current: 100 nA MOR rate: 19.5 M PS rate: 149 K
DAQ rate: 194.4 Live time: 96.7%
Radiator: 1x10^-4 Converter: none Target: Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{align*}
1 & \quad 10000 \\
3 & \quad 2 \\
7 & \quad 3500
\end{align*}
\]
Time end: 19:59 Number of events: 10 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64512
Date: 10-17-10 Time start: 18:58 Shift Persons: G. Fedoro, D. Glown
Electron beam current: 100 nA MOR rate: 19.5 M PS rate: 151 K
DAQ rate: 214.4 Live time: 96.9%
Radiator: 1x10^-4 Converter: none Target: Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{align*}
1 & \quad 10000 \\
3 & \quad 2 \\
7 & \quad 35000
\end{align*}
\]
Time end: 20:16 Number of events: 10 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64513
Date: 10-13-10 Time start: 20:17 Shift Persons: G. Fedotov, D. Glaunadin
Electron beam current: 100 mA MOR rate: 13.5 M PS rate: 150 kHz
DAQ rate: 2 kHz Live time: 
Radiator: 2x6*4 Converter: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[ \frac{1}{10} = \frac{1}{3000} \]

Time end: 21:49 Number of events: 10.7 M
Data quality (circle one): good JUNK
Comments:

---

PrimEx-II Run Sheet, Run Number: 64514
Date: 10-13-10 Time start: 21:40 Shift Persons: G. Fedotov, D. Glaunadin
Electron beam current: 100 mA MOR rate: 20.8 M PS rate: 150 kHz
DAQ rate: 2.2 kHz Live time: 96/7
Radiator: 2x6*4 Converter: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[ \frac{1}{10} = \frac{1}{3000} \]

Time end: 22:58 Number of events: 10 M
Data quality (circle one): good JUNK
Comments:

---

PrimEx-II Run Sheet, Run Number: 64515
Electron beam current: 100 mA MOR rate: 
PS rate: 
DAQ rate: 
Live time: 
Radiator: 2x6*4 Converter: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[ \frac{1}{10} = \frac{1}{3000} \]

Time end: 23:16 Number of events: 0.5 M
Data quality (circle one): good JUNK
Comments:

Run stopped due to DAQ crashed
<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number:</th>
<th>645/6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 10/15/16</td>
<td>Time start: 09:45</td>
</tr>
<tr>
<td>Shift Persons: G. Fedor, D. Channing</td>
<td></td>
</tr>
<tr>
<td>Electron beam current: 100 mA</td>
<td></td>
</tr>
<tr>
<td>MOR rate: 20 MHz</td>
<td></td>
</tr>
<tr>
<td>PS rate: 15 MHz</td>
<td></td>
</tr>
<tr>
<td>DAQ rate: 4.2 kHz</td>
<td></td>
</tr>
<tr>
<td>Live time: 187.7 s (90%)</td>
<td></td>
</tr>
<tr>
<td>Radiator: 1.0 x 10^-4</td>
<td></td>
</tr>
<tr>
<td>Converter: none</td>
<td></td>
</tr>
<tr>
<td>Target: 5% Carbon</td>
<td></td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
<td></td>
</tr>
<tr>
<td>Enabled Triggers</td>
<td>Prescale Factor</td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Time end: 10:04</td>
<td></td>
</tr>
<tr>
<td>Number of events: 400 K</td>
<td></td>
</tr>
<tr>
<td>Data quality (circle one): good/junk</td>
<td></td>
</tr>
<tr>
<td>Comments:</td>
<td></td>
</tr>
</tbody>
</table>

--

<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: __________</td>
</tr>
<tr>
<td>Shift Persons: __________</td>
</tr>
<tr>
<td>Electron beam current: __________</td>
</tr>
<tr>
<td>MOR rate: __________</td>
</tr>
<tr>
<td>PS rate: __________</td>
</tr>
<tr>
<td>DAQ rate: __________</td>
</tr>
<tr>
<td>Live time: __________</td>
</tr>
<tr>
<td>Radiator: __________</td>
</tr>
<tr>
<td>Converter: __________</td>
</tr>
<tr>
<td>Target: __________</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>Time end: __________</td>
</tr>
<tr>
<td>Number of events: __________</td>
</tr>
<tr>
<td>Data quality (circle one): good/junk</td>
</tr>
<tr>
<td>Comments:</td>
</tr>
</tbody>
</table>
PrimEx-II Run Sheet, Run Number: 14523
Date: 10/14 Time start: 7:45 Shift Persons: A, C, C, D, R
Electron beam current: MOR rate: PS rate:
DAQ rate: Live time:
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 9:01 Number of events: 8.9 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65524-65528
Date: 10/14 Time start: 11:30a Shift Persons: P, L, G, H
Electron beam current: MOR rate: 0 PS rate: 0
DAQ rate: Live time: 0.0
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 11:20 Number of events: ~2k
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 54528
Date: Time start: 12:43 Shift Persons: M, A, C
Electron beam current: MOR rate: PS rate:
DAQ rate: Live time:
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: 2006
Data quality (circle one): good/junk
Comments:

---

Pedestal Run
<table>
<thead>
<tr>
<th>Run Number</th>
<th>Data</th>
<th>Junk</th>
<th>Date</th>
<th>Begin Run Time</th>
<th>No. of Events</th>
<th>Monitor Hists Printed</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>64530</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64531</td>
<td>☐</td>
<td>☐</td>
<td>☒ 10-14-10</td>
<td>7:28</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64532</td>
<td>☐  ✗</td>
<td>☐</td>
<td>10-14-10</td>
<td>7:20</td>
<td>22,8 M</td>
<td></td>
<td>[12C]</td>
</tr>
<tr>
<td>64533</td>
<td>☐  ✗</td>
<td>☐</td>
<td>10-14-10</td>
<td>22:19</td>
<td>10 M</td>
<td></td>
<td>[12C]</td>
</tr>
<tr>
<td>64534</td>
<td>☐</td>
<td>☐</td>
<td>10-14-10</td>
<td>23:03</td>
<td>10,7 M</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64535</td>
<td>☐</td>
<td>☐</td>
<td>10-14-10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64536</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64537</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64538</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64539</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64540</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64541</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64542</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64543</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64544</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64545</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64546</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64547</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64548</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64549</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64550</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64551</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64552</td>
<td>☐  ✗</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64553</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64554</td>
<td>☐</td>
<td>☐</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To print this form, type 'checklist_run_print runnum'.

$Id: checklist_run.tex,v 1.11 2000/03/23 11:42:51 marki Exp $
PrimEx-II Run Sheet, Run Number: 64531
Date: 10-14-10 Time start: 20:11 Shift Persons: G. Fedotov, D. Glazounov
Electron beam current: 70 pA MOR rate: 10.2 K PS rate: @
DAC rate: 62 MHz Live time: 59.9%
Radiator: 1.6 x 10^{-9} Converter: none Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[T1 \quad T1 - 10000\]

Time end: 20:23 Number of events: 19.72
Data quality (circle one): good junk
Comments:

TAC run (junk due to wrong prescale factor)

PrimEx-II Run Sheet, Run Number: 64532
Date: 10-14-10 Time start: 20:30 Shift Persons: G. Fedotov, D. Glazounov
Electron beam current: 70 pA MOR rate: 10.2 K PS rate: @
DAC rate: 62 MHz Live time: 65.5%
Radiator: 1.6 x 10^{-9} Converter: none Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[T1 \quad T1 - 10000\]

Time end: 20:20 Number of events: 22.8 M
Data quality (circle one): good junk
Comments:

TAC run

PrimEx-II Run Sheet, Run Number: 64533
Date: 10-14-10 Time start: 21:22 Shift Persons: G. Fedotov, D. Glazounov
Electron beam current: 100 pA MOR rate: 20 K PS rate: 150 K
DAC rate: 4 MHz Live time: 60.9%
Radiator: 1.8 x 10^{-9} Converter: none Target: 57 Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[T1 - 10000\]

Time end: 22:19 Number of events: 10 M
Data quality (circle one): good junk
Comments:

production
PrimEx-II Run Sheet, Run Number: 64544
Date: 10-4-10 Time start: 22:20 Shift Persons: G. Fedorov O. Glumov
Electron beam current: 1000 A MOR rate: 20 M PS rate: 150 k
DAQ rate: 4.2 Live time: 30 M
Radiator: 1k 10^-6 Converter: none Target: 5% Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
5
7
10
Time end: 28.02 Number of events: 10.7 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64535
Date: 12-4-10 Time start: 22:05 Shift Persons: G. Fedorov O. Glumov
Electron beam current: 1000 A MOR rate: 20 M PS rate: 150 k
DAQ rate: 4.7 Live time: 99.2
Radiator: 1k 10^-4 Converter: none Target: 5% Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
5
7
10
Time end: 22.41 Number of events: 11 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64526
Date: 10-14-10 Time start: 22:51 Shift Persons: G. Fedorov O. Glumov
Electron beam current: 1000 A MOR rate: 
DAQ rate: Live time:
Radiator: 1k 10^-4 Converter: none Target: 5% Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
5
7
10
Time end: Number of events: 
Data quality (circle one): good/junk
Comments:
### PrimEx-II Run Sheet, Run Number: 64537
- **Date:** 10/25/03  
- **Time start:** 0:40 am  
- **Shift Persons:** A. Gosp.Jan, E. Clinton  
- **MOR rate:** 20 MHz  
- **PS rate:** 6.15 MHz  
- **Converter:** 10-1  
- **Target:** 57°C  
- **DAQ rate:** 10 kHz  
- **Live time:** 83%  
- **Radiator:** 10-7  
- **TAC (circle one):** in/out  
- **Enabled Triggers**
  - 1  
  - 2  
  - 3  
- **Prescale Factor**
  - 4000  
  - 2  
  - 3500  
- **Time end:**  
- **Number of events:** 
- **Data quality (circle one):** good/junk  
- **Comments:** Beam funny problem, rates are too high.

---

### PrimEx-II Run Sheet, Run Number: 64540
- **Date:** 12/15/03  
- **Time start:** 12:32  
- **Shift Persons:** Weggard, Guo  
- **MOR rate:** 12 MHz  
- **PS rate:** 144 kHz  
- **Converter:** Out  
- **Target:** 57°C  
- **Electron beam current:** 1 uA  
- **Live time:** 92%  
- **Radiator:** 10-4  
- **TAC (circle one):** in/out  
- **Enabled Triggers**
  - 1  
  - 2  
  - 3  
- **Prescale Factor**
  - 1000  
  - 2  
  - 3100  
- **Time end:**  
- **Number of events:** ?  
- **Data quality (circle one):** good/junk  
- **Comments:**
PrimEx-II Run Sheet, Run Number: 6455
Date: 10/15/10 Time start: 13:15 Shift Persons: Weygand, Guo
Electron beam current: 1.0nA MOR rate: 2M Hz HYCAL rate: 3.6 kHz
PS rate: 172 kHz DAQ rate: 4kHz DAQ Live time: 90%
Radiator: 10-4 Converter: out Target: 67 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
10000
2 0
2 2
2 2500

Time end: 15:15 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 6455
Date: 10/15/10 Time start: 13:15 Shift Persons: Weygand, Guo
Electron beam current: 1.0nA MOR rate: 2M Hz HYCAL rate: 3.6 kHz
PS rate: 156 kHz DAQ rate: 3.3 kHz DAQ Live time: 90%
Radiator: 10-4 Converter: out Target: 67 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
10000
2 0
2 2
2 2500

Time end: 17:25 Number of events: 21.3 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 6455
Date: 10/15 Time start: 17:35 Shift Persons: Micherdzinska, Sober
Electron beam current: 100 nA MOR rate: 20 MHz HYCAL rate 3.6 kHz
PS rate: 150 kHz DAQ rate: 14 kHz DAQ Live time: 89% (86-93%)
Radiator: 10-4 Converter: out Target: 67 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
104
2 0
2 2
2 3500

Time end: 18:50 Number of events: ?
Data quality (circle one): good/junk
Comments:
Not happy with fluctuations of
live time.
Reduce beam to 50nA
in next run.
PrimEx-II Run Sheet, Run Number: 64560
Date: 10-15-10 Time start: 18:53 Shift Persons: Anna M., D. Sober
Electron beam current: 90 nA MOR rate: 19.0 MHz HYCAL rate: 3200
PS rate: 155 kHz DAQ rate: 3.9 MHz DAQ Live time: 91.7%
Radiator: 10^-4 Converter: _______ Target: 5% C
TAC (circle one): in/out Enabled Triggers Prescale Factor

1.1 10^4
T2 0
TS 2
T10 3500

Time end: 19:45 Number of events: 12.6 M
Data quality (circle one): good/junk Comments: Reduce beam to 70 nA

End run to begin test runs

PrimEx-II Run Sheet, Run Number: 64561
Date: 10-15-10 Time start: 19:50 Shift Persons: Anna M., D. Sober
Electron beam current: 90 nA MOR rate: 19.0 MHz HYCAL rate: 1700
PS rate: 0 DAQ rate: _______ DAQ Live time: 92.3%
Radiator: _______ Converter: _______ Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor

____
____
____
____

Time end: _______ Number of events: _______
Data quality (circle one): good/junk Comments:

Move collimator to beam blocking.
P.S. cou nic = 0
HYCAL ~ 1700 Hz

PrimEx-II Run Sheet, Run Number: 64562 - junk
Date: 10-15 Time start: 20:30 Shift Persons:
Electron beam current: 90 nA MOR rate: 19 MHz HYCAL rate: 250
PS rate: _______ DAQ rate: _______ DAQ Live time:
Radiator: _______ Converter: _______ Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor

____
____
____
____

Time end: _______ Number of events: _______
Data quality (circle one): good/junk Comments:

1) Beam blocking:
2) Empty, HYCAL
3) 12.7 mm, 1700
4) 9.6 mm, 3000
| PrimEx-II Run Sheet, Run Number: 64563 |
| Date: 10-15-10 Time start: 22:04 |
| Shift Persons: Anna M., D. Sober |
| Electron beam current: 10 nA |
| PS rate: 0 |
| Radiator: 10-4 |
| TAC (circle one): in/out |
| Enabled Triggers: Prescale Factor |
| Time end: ___ |
| Number of events: ___ |
| Data quality (circle one): good/junk |
| Comments: |

| PrimEx-II Run Sheet, Run Number: 64564 |
| Date: 10-15-10 Time start: 22:15 |
| Shift Persons: Anna M., D. Sober |
| Electron beam current: 10 nA |
| PS rate: 0 |
| Radiator: 10-4 |
| TAC (circle one): in/out |
| Enabled Triggers: Prescale Factor |
| Time end: 23:47 |
| Number of events: 6.6 M |
| Data quality (circle one): good/junk |
| Comments: |

| PrimEx-II Run Sheet, Run Number: 64565 |
| Date: 10-15-10 Time start: 23:50 |
| Shift Persons: Anna M., D. Sober |
| Electron beam current: 10 nA |
| PS rate: 0 |
| Radiator: 10-4 |
| TAC (circle one): in/out |
| Enabled Triggers: Prescale Factor |
| Time end: ___ |
| Number of events: ___ |
| Data quality (circle one): good/junk |
| Comments: |
PrimEx-II Run Sheet, Run Number: 64566
Date: 16 Oct 10  Time start: 06:25  Shift Persons: Casper, Clinton, Lehn
Electron beam current: 10 A  MOR rate: 56 Hz  HYCAL rate: 3 4 Hz
PS rate:  124  DAQ rate:  52 9  DAQ Live time: 9 8
Radiator:  10  Converter:  20  Target:  Empty
TAC (circle one): in/out  Enabled Triggers  Prescale Factor
1  10000
6
3
Time end:  09:34  Number of events: 560 K
Data quality (circle one): good/junk
Comments: Diagnostic run, trying to find beamline issue  [Collimator = 12.7 mm]

PrimEx-II Run Sheet, Run Number: 64567
Date: 16 Oct 10  Time start: 06:41  Shift Persons: Casper, Clinton, Lehn
Electron beam current: 50 A  MOR rate:  700  HYCAL rate: 8 00
PS rate:  45  DAQ rate:  57 1 5  DAQ Live time: 9 7
Radiator:  10  Converter:  20  Target:  Empty
TAC (circle one): in/out  Enabled Triggers  Prescale Factor
2  10000
6
3
Time end:  09:44  Number of events: 588 1 K
Data quality (circle one): good/Junk
Comments: Diagnostic, empty target, same pair and run  [Collimator = 12.7 mm]

PrimEx-II Run Sheet, Run Number: 64570
Date: 16 Oct 10  Time start: 06:11  Shift Persons: Casper, Clinton, Lehn
Electron beam current: 50 A  MOR rate:  HYCAL rate: 4
PS rate:  45  DAQ rate:  57 1 5  DAQ Live time: 4
Radiator:  10  Converter:  20  Target:  Empty
TAC (circle one): in/out  Enabled Triggers  Prescale Factor
1  10000
6
3
Time end:  09:48  Number of events: 43 K
Data quality (circle one): good/Junk
Comments: Diagnostic, like previous 2, but more signal is out  [Collimator: Empty]
PrimEx-II Run Sheet, Run Number: 64577
Date: ______ Time start: 6:55 Shift Persons: Cerqueira, linha, tao
Electron beam current: 50 mA MOR rate: _____ HYCAL rate: 1000
PS rate: 8 DAQ rate: 1000 DAQ Live time: 70
Radiator: 10-9 Converter: R-1 Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 1000
2 0
5 0
7 350
Time end: 7-10 Number of events: 24 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64577
Date: 10/12 Time start: 2:30 am Shift Persons: 64577
Electron beam current: MOR rate: _____ HYCAL rate: _____
PS rate: DAQ rate: 100 DAQ Live time: 3700
Radiator: Converter: Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 1000
2 0
5 0
7 350
Time end: Number of events: ______
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64573
Date: 10/12 Time start: 2:46 am Shift Persons: A.G. P. Cline
Electron beam current: 100 mA MOR rate: 20.2 MHz HYCAL rate: 3.6 kHz
PS rate: DAQ rate: 3700 DAQ Live time: 837 M
Radiator: 10-9 Converter: Target: 37 1/2
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 1000
2 0
5 0
7 350
Time end: Number of events: 54 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64574
Date: 10/04/10  Time start: 03:16  Shift Persons: A. G. E. Clinton
Electron beam current: 70 mA  MOR rate: 200 E.M  HYCAL rate: 2100
PS rate: 57.7 K  DAQ rate: 9.9 K  DAQ Live time: 9.9
Radiator: 1.1.4  Converter: 0.11.1  Target: 5.6° Ca. 62
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end: 05:47  Number of events: 5.4 M
Data quality (circle one): good/junk
Comments: 3 x 10^4 Radiator

PrimEx-II Run Sheet, Run Number: 64575
Date: 1/05/11  Time start: 03:50  Shift Persons: G. Urban, Clinton, M. U. L., L. L., L.
Electron beam current: 30 mA  MOR rate: 12 M  HYCAL rate: 1100
PS rate: 0  DAQ rate: 2.9  DAQ Live time: 
Radiator: 3 x 10^4  Converter: Retracted  Target: Empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end: 07:57  Number of events: 2 PK
Data quality (circle one): good/junk
Comments: Background for 3 x 10^4 Radiator

PrimEx-II Run Sheet, Run Number: 64576
Date: 10/04/10  Time start: 04:04  Shift Persons: G. Urban, Clinton, M. U. L., L. L., L.
Electron beam current: 100 mA  MOR rate: 20.3  HYCAL rate: 2100
PS rate: 57.7  DAQ rate: 9.9  DAQ Live time: 
Radiator: 1.1.4  Converter: 
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end: 04:26  Number of events:
Data quality (circle one): good/junk
Comments: 100° 5.1 cm rate study
PrimEx-II Run Sheet, Run Number: 64577
Date: 6.0.11  Time start: 09:15  Shift Persons: Khandoke, Clinton
Electron beam current: 100  MOR rate: 19.7 Hz  HYCAL rate: 190 Hz
PS rate: 0  DAQ rate: 10 kHz  DAQ Live time: 95
Radiator: 10^-4 R  Converter: Retracted  Target: Empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end: Number of events: 8.5M
Data quality (circle one): good/junk
Comments: Background run, Empty target

---

PrimEx-II Run Sheet, Run Number: 64578
Date: Oct 16  Time start: 06:17  Shift Persons: Khandoke, Clinton
Electron beam current: 100  MOR rate: 19.2 kHz  HYCAL rate: 1.9 kHz
PS rate: 0  DAQ rate: 1.9 kHz  DAQ Live time: 95%
Radiator: 10^-4 R  Converter: Retracted  Target: Empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  10,000
2  0
5  0
Time end: Number of events: 
Data quality (circle one): good/junk
Comments: Empty target background run. + junk

---

PrimEx-II Run Sheet, Run Number: 64579
Date: 10-16-10  Time start: 20:45  Shift Persons: Betwun, Sober
Electron beam current: 0  MOR rate: 0  HYCAL rate: 0
PS rate: 0  DAQ rate: 0  DAQ Live time: 0
Radiator: 0  Converter: 0  Target: 0
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end: Number of events: 
Data quality (circle one): good/junk
Comments: TAC pedestal run
Beam off
PrimEx-II Run Sheet, Run Number: 64582
Date: 10-16-10 Time start: 21:30 Shift Persons: Baturin, Sober
Electron beam current: 700 mA MOR rate: 8200 HCYCAL rate: 
PS rate: 0 DAQ rate: 9900-6300 DAQ Live time: 77%
Radiator: 1.6 x 10^-5 Converter: 
TAC (circle one): In/out Enabled Triggers Prescale Factor
  1  0
  
  
  
Time end: Number of events: 
Data quality (circle one): good/junk
Comments:

Many ADC overflows - enter hall to reduce HV

PrimEx-II Run Sheet, Run Number: 64583
Date: 10-16-10 Time start: 22:15 Shift Persons: Baturin, Sober
Electron beam current: 700 mA MOR rate: 8100 HCYCAL rate: 
PS rate: 0 DAQ rate: 6300 DAQ Live time: 77%
Radiator: 1.6 x 10^-5 Converter: 
TAC (circle one): In/out Enabled Triggers Prescale Factor
  MOR (T1-T60) 0
  
  
  
Time end: 22:40 Number of events: 11
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64584
Date: 10-16-10 Time start: 22:44 Shift Persons: Baturin, Sober
Electron beam current: 700 mA MOR rate: 4084 Hz HCYCAL rate: 
PS rate: 0 DAQ rate: 356 kHz DAQ Live time: 97%
Radiator: 1.6 x 10^-5 Converter: 
TAC (circle one): In/out Enabled Triggers Prescale Factor
  MOR (T1-T50) 0
  
  
  
Time end: 23:09 Number of events: 5.8 x 10^6
Data quality (circle one): good/junk
Comments:

TAC Run

Turn off T20 HV
T51-T60 HV

* To allow analysis of T19 using single T hits only
(T2o overlaps T19)
PrimEx-II Run Sheet, Run Number: 64585
Date: 10-16-10 Time start: 23:25 Shift Persons: Bethurin, Sober
Electron beam current: 100 nA MOR rate: 20.1 MHz HYCAL rate: 3500 Hz
PS rate: 231 kHz DAQ rate: ~5 MHz DAQ Live time: 85-90%
Radiator: 1.0 x 10^-4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \]
\[ \frac{5}{2} \]
\[ \frac{100}{2} \]
Time end: 23:30 Number of events: 23:30 DAQ crashed
Data quality (circle one): good/junk
Comments:

Run 64586 - DAQ failed

PrimEx-II Run Sheet, Run Number: 64587
Date: 10-17-10 Time start: 23:55 Shift Persons: Khandaker, Clinton
Electron beam current: 100 nA MOR rate: 20.1 MHz HYCAL rate: 3500 Hz
PS rate: 330 kHz DAQ rate: ~5 MHz DAQ Live time: 85%
Radiator: 1.0 x 10^-4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \]
\[ \frac{5}{2} \]
\[ \frac{100}{2} \]
Time end: 00:06 Number of events: 15.6 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64588
Date: 10-17-10 Time start: 00:57 Shift Persons: Khandaker, Clinton
Electron beam current: 100 nA MOR rate: 20.1 MHz HYCAL rate: 3700 Hz
PS rate: 345 kHz DAQ rate: 4.1 kHz DAQ Live time: ~88%
Radiator: 1.0 x 10^-4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \]
\[ \frac{5}{2} \]
\[ \frac{100}{2} \]
Time end: 00:58 Number of events: 16 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64589
Date: 10/17/10 Time start: 02:00 Shift Persons: Khandaker, Clinton
Electron beam current: 100 mA MOR rate: 20.2 MHz HCYCAL rate: 3500 Hz
PS rate: 332 Hz DAQ rate: 3.6 kHz DAQ Live time: ~89.7%
Radiator: 1×10^4 Converter: — Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 2
7 and 10 3500
Time end: 03:37 Number of events: 8.9 M
Data quality (circle one): good/junk
Comments: Beam off due to RF trip, will be down for ~1 hr.

PrimEx-II Run Sheet, Run Number: 64590
Date: 10/17/10 Time start: 02:39 Shift Persons: Khandaker, Clinton
Electron beam current: 100 mA MOR rate: 20.5 MHz HCYCAL rate: 3700 Hz
PS rate: 350 Hz DAQ rate: 3.5 kHz DAQ Live time:
Radiator: 1×10^4 Converter: — Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 2
7 and 10 3500 and 0
Time end: 03:58 Number of events: 20.2 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64591
Date: 10/17/10 Time start: 03:57 Shift Persons: Khandaker, Clinton
Electron beam current: 100 mA MOR rate: 20.4 MHz HCYCAL rate: 3900 Hz
PS rate: 332 Hz DAQ rate: ~3.9 kHz DAQ Live time: 86%
Radiator: 1×10^4 Converter: — Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 2
7 and 10 3500 and 0
Time end: 04:52 Number of events: 15.1 M
Data quality (circle one): good/junk
Comments: colimeter: 10.7 mm
PrimEx-II Run Sheet, Run Number: 64592
Date: 11/1/84 Time start: 0454 Shift Persons: kandeker, werner
Electron beam current: 100u MOR rate: 20.4 M HYCAL rate: 3700
PS rate: 334 k DAQ rate: 7.5 k DAQ Live time: 85
Radiator: 10^-4 Converter: 1 Target: 10^4 s.

TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
5

Time end: 0555 Number of events: 171
Data quality (circle one): good/junk
Comments: Coll/mon : 127

PrimEx-II Run Sheet, Run Number: 64593
Date: 17/1/84 Time start: 0556 Shift Persons: kandeker, werner
Electron beam current: 100u MOR rate: 20.4 M HYCAL rate: 3700
PS rate: 334 k DAQ rate: 7.5 k DAQ Live time: 85
Radiator: 10^-4 Converter: 1 Target: 10^4 s.

TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
5

Time end: 0656 Number of events: 151
Data quality (circle one): good/junk
Comments: Coll/mon : 127

PrimEx-II Run Sheet, Run Number: 64594
Date: 17/1/84 Time start: 0657 Shift Persons: kandeker, werner
Electron beam current: 100u MOR rate: 20.4 M HYCAL rate: 3700
PS rate: 334 k DAQ rate: 7.5 k DAQ Live time: 85
Radiator: 10^-4 Converter: 1 Target: 10^4 s.

TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
5

Time end: 0757 Number of events: 151
Data quality (circle one): good/junk
Comments: Coll/mon : 127
PrimEx-II Run Sheet, Run Number: 64545
Date: 17 Oct 10  Time start: 08:05  Shift Persons: Khud, Der, Lim, Wiskin
Electron beam current: 160  MOR rate: 14.6  HYCAL rate: 1500
PS rate: 0  DAQ rate: ~2.5k  DAQ Live time: 9.5
Radiator: 10°C  Converter: 0°C  Target: Empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  101
2  6
5  356
Time end: 09:00  Number of events: 998256
Data quality (circle one): Good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64596
Date: 17 Oct 10  Time start: 08:09  Shift Persons: L. Gno, M. Shini
Electron beam current: 160  MOR rate: 14.5  HYCAL rate: 10k
PS rate: 0  DAQ rate: 2.0k  DAQ Live time: 95%
Radiator: 10°C  Converter: 0°C  Target: Empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  101
2  6
5  356
Time end: 16:00  Number of events: 868m
Data quality (circle one): Good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64597
Date: 17 Oct 10  Time start: 16:09  Shift Persons: L. Gno, M. Shini
Electron beam current: 160  MOR rate: 14.3  HYCAL rate: 10k
PS rate: 0  DAQ rate: 2.0k  DAQ Live time: 96%
Radiator: 10°C  Converter: 0°C  Target: Empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  101
2  6
5  356
Time end: 16:30  Number of events: 938
Data quality (circle one): Good/junk
Comments:

Total event rate:
Since dead time:
time:
64595 1:00hr 9.8M
96 1:00hr 5.8M
97 1:00hr 9.8M
PrimEx-II Run Sheet, Run Number: 64538
Date: 10/17 Time start: 11:05 Shift Persons: I. Stiven, D.P. Shacas
Electron beam current: 420 uA MOR rate: 10.0 M HYCAL rate: 3.9 k
PS rate: 346 K DAQ rate: 4.0 k DAQ Live time: 18.2 m
Converter: X Target: 10.6 x 5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 3500
5

Time end: 12:15 Number of events: 17.9 m
Data quality (circle one): good/junk
Comments:

------

PrimEx-II Run Sheet, Run Number: 64599
Date: 10/17 Time start: 12:22 Shift Persons: O. Kosilow
Electron beam current: 100 uA MOR rate: 19.6 M HYCAL rate: 4 k
PS rate: 340 K DAQ rate: 3933 DAQ Live time: 87.7
Converter: X Target: 10.6 x 5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 620

Time end: 1:20 m Number of events: 16.6 m
Data quality (circle one): good/junk
Comments:

------

PrimEx-II Run Sheet, Run Number: 64600
Date: 10/17 Time start: 1:25 pm Shift Persons: O. Kosilow
Electron beam current: 100 uA MOR rate: 19.58 M HYCAL rate: 3.9 k
PS rate: 344 K DAQ rate: 3.4 K DAQ Live time: 85.7
Converter: X Target: 10.6 x 5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 620

Time end: 2:18 pm Number of events: 10.8 m
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64601
Date: 10/17/10 Time start: 2:34 AM Shift Persons: O. Kosilov
Electron beam current: 100 nA MOR rate: 19.6 M HCYCAL rate: 4.0 k
PS rate: 344 k DAQ rate: 3.8 k DAQ Live time: 87.1%
Radiator: 10^4 Converter: Target: 107 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2
5

Time end: 3:51 AM Number of events: 12.4 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64602
Date: 10/17/10 Time start: 16:35 AM Shift Persons: V. Batunin, D. Sober
Electron beam current: 100 nA MOR rate: 19.3 M HCYCAL rate: 4.0 k
PS rate: 343 k DAQ rate: 3.3 k DAQ Live time: 89%
Radiator: 1 x 10^4 Converter: Target: 107 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2
5

Time end: 18:01 Number of events: 20.1 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64603
Date: 10/17/10 Time start: 18:04 AM Shift Persons: V. Batunin, D. Sober
Electron beam current: 100 nA MOR rate: 20.3 M HCYCAL rate: 4000
PS rate: 338 k DAQ rate: 4.2 k DAQ Live time: 88%
Radiator: 1 x 10^4 Converter: Target: 107 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2
5

Time end: 19:24 Number of events: 20.0 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64604
Date: 10/17/10 Time start: 19:23 Shift Persons: V. Baturin, D. Sober
Electron beam current: 108 nA MOR rate: 20.1 M HYCAL rate: 4000
PS rate: 348 k DAQ rate: 3.5 k DAQ Live time: 88.1%
Radiator: 1 x 10^-4 Converter: Target: 10^7.8 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c|c}
& 0 & 4 \\
\hline 1 & 2 & 5 \\
10 & 3500 & 2 \\
\end{array}
\]
Time end: 21:05 Number of events: 17.2 M
Data quality (circle one): good/junk
Comments: Ended run after ~1 hr 30 min good beam. Wait for beam recovery before starting next run.

PrimEx-II Run Sheet, Run Number: 64605
Date: 10/17/10 Time start: 21:12 Shift Persons: V. Baturin, D. Sober
Electron beam current: 100 nA MOR rate: 20.1 M HYCAL rate: 4100
PS rate: 341 k DAQ rate: ~3.9 k DAQ Live time: 89.8%
Radiator: 1 x 10^-4 Converter: Target: 10^7.8 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c|c}
& 1 & 4 \\
\hline 2 & 0 & 5 \\
10 & 3500 & 2 \\
\end{array}
\]
Time end: 21:30 Number of events: 2.7 M
Data quality (circle one): good/junk
Comments: RF problems again - Mcc called in expert - no estimate.

PrimEx-II Run Sheet, Run Number: 64606
Date: 10/17/10 Time start: 22:09 Shift Persons: V. Baturin, D. Sober
Electron beam current: 100 nA MOR rate: 19.7 M HYCAL rate: 4075
PS rate: 341 k DAQ rate: ~4.7 k DAQ Live time: 89.8%
Radiator: 1 x 10^-4 Converter: Target: 10^7.8 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c|c}
& 1 & 4 \\
\hline 2 & 0 & 5 \\
10 & 3500 & 2 \\
\end{array}
\]
Time end: 23:19 Number of events: 20.0 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64607
Date: 10/12/10 Time start: 23:20 Shift Persons: V. Beturin, D. Sober
Electron beam current: 100 nA MOR rate: 19.5 M HYCAL rate: 4100
PS rate: 1240 k DAQ rate: ~ 3.5 k DAQ Live time: 8.6 h
Radiator: 1x10^-4 Converter: Target: 10% S1
TAC (circle one): in/our
Enabled Triggers Prescale Factor
1 10^4
2
5
10^5
3500

Time end: 05:00 Number of events: 10.5 M
Data quality (circle one): good/junk
Comments: End run on DA did not succeed. Unknown if data is corrupted.

PrimEx-II Run Sheet, Run Number: 64608
Date: 18/01/10 Time start: 00:55 Shift Persons: I. Ivanov, S. G. Kov
Electron beam current: 100 nA MOR rate: 19.5 M HYCAL rate: 1700
PS rate: 0 DAQ rate: 0 DAQ Live time: 95
Radiator: 10^-4 Converter: Reflect Target: Empty
TAC (circle one): in/our
Enabled Triggers Prescale Factor
1 10^4
2
5
10^5
3500

Time end: 06:05 Number of events: 0
Data quality (circle one): good/junk
Comments: End run failed. No DA data. File lock. 10 events are being written to file.

PrimEx-II Run Sheet, Run Number: 64613
Date: 17/01/10 Time start: 00:10 Shift Persons: I. Ivanov, S. G. Kov
Electron beam current: 100 nA MOR rate: 19.6 M HYCAL rate: 1700
PS rate: 0 DAQ rate: 2800 DAQ Live time: 96
Radiator: 10^-4 Converter: Reflect Target: Empty
TAC (circle one): in/our
Enabled Triggers Prescale Factor
1 10^4
2
5
10^5
3500

Time end: 03:15 Number of events: 11.4 M
Data quality (circle one): good/junk
Comments: Data too junk DAQ problem.
PrimEx-II Run Sheet, Run Number: 646/4
Date: 120/10 Time start: 0831 Shift Persons: Chui, S. Stokol
Electron beam current: 100uA MOR rate: 19.9 M HYCAL rate: 1700
PS rate: 0 DAQ rate: 25000 DAQ Live time: 95
Radiator: 10^-4 Converter: Retai Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 0
7 3500
Time end: 05/12 Number of events: 153 M
Data quality (circle one): Good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 646/5
Date: 120/10 Time start: 0850 Shift Persons: Chui, S. Stokol
Electron beam current: 100uA MOR rate: 19.9 M HYCAL rate: 1700
PS rate: 0 DAQ rate: 25000 DAQ Live time: 95
Radiator: 10^-4 Converter: Retai Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 0
7 3500
Time end: 05/13 Number of events: 154 M
Data quality (circle one): Good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 646/6
Date: 120/10 Time start: 05/16 Shift Persons: Chui, S. Stokol
Electron beam current: 100uA MOR rate: 19.9 M HYCAL rate: 1700
PS rate: 350 K DAQ rate: 7500 DAQ Live time: 85
Radiator: 10^-4 Converter: Retai Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 10^4
2 0
5 0
7 3500
Time end: 05/14 Number of events: 17.4 M
Data quality (circle one): Good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64617
Date: 12/4/80 Time start: 0620 Shift Persons: L.H., S.H.
Electron beam current: 160 mA MOR rate: 14.7 Hz HYCAL rate: 44 Hz
PS rate: 350 DAQ rate: 9,000 DAQ Live time: 45
Radiator: 16-8 Converter: R4=k Target: 168
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2

Time end: 0639 Number of events: 45,584
Data quality (circle one): Good/Junk
Comments:

PrimEx-II Run Sheet, Run Number: 64621
Date: 12/4/80 Time start: 0820 Shift Persons: L.H., A.H.
Electron beam current: 850 mA MOR rate: 10.7 Hz HYCAL rate: 50 Hz
PS rate: 10 DAQ rate: 5000 DAQ Live time: 5.7
Radiator: Converter: Out Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 0905 Number of events: 24
Data quality (circle one): Good/Junk
Comments:

PrimEx-II Run Sheet, Run Number: 64623
Date: 10/3/80 Time start: 1245 Shift Persons: L., A., A.H.
Electron beam current: 100 mA MOR rate: 30 Hz HYCAL rate: 20 Hz
PS rate: 0 DAQ rate: 
Radiator: 10-9 Converter: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 3.00 Number of events:
Data quality (circle one): Good/Junk
Comments:
PrimEx-II Run Sheet, Run Number: 64627
Date: 19/10/16 Time start: 7:30am Shift Persons: 1 Men, 4 Asst. Men
Electron beam current: 1.04A MOR rate: 1600 DAQ rate: 1.04 HXCAL rate: 1600
PS rate: 20 DAQ rate: 1.241 DAQ Live time: 986 671
Radiator: 35% Converter: 10-15 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor

  
Time end: 3:55 Number of events: 1
Data quality (circle one): good junk
Comments: 17 4 C → 20 cm, Men position

PrimEx-II Run Sheet, Run Number: 64627
Date: 19/10/16 Time start: 7:30am Shift Persons: 1 Men, 4 Asst. Men
Electron beam current: 1.04A MOR rate: 1600 DAQ rate: 1.04 HXCAL rate: 1600
PS rate: 20 DAQ rate: 1.241 DAQ Live time: 986 671
Radiator: 35% Converter: 10-15 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor

  
Time end: 3:55 Number of events: 1
Data quality (circle one): good junk
Comments: 17 4 C → 20 cm, Men position

PrimEx-II Run Sheet, Run Number: 64627
Date: 4/10/16 Time start: 7:30am Shift Persons: 1 Men, 4 Asst. Men
Electron beam current: 1.04A MOR rate: 1600 DAQ rate: 1.04 HXCAL rate: 1600
PS rate: 20 DAQ rate: 1.241 DAQ Live time: 986 671
Radiator: 35% Converter: 10-15 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor

  
Time end: 3:55 Number of events: 1
Data quality (circle one): good junk
Comments: 17 4 C → 20 cm, Men position

PrimEx-II Run Sheet, Run Number: 64627
Date: 4/10/16 Time start: 7:30am Shift Persons: 1 Men, 4 Asst. Men
Electron beam current: 1.04A MOR rate: 1600 DAQ rate: 1.04 HXCAL rate: 1600
PS rate: 20 DAQ rate: 1.241 DAQ Live time: 986 671
Radiator: 35% Converter: 10-15 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor

  
Time end: 3:55 Number of events: 1
Data quality (circle one): good junk
Comments: 17 4 C → 20 cm, Men position
PrimEx-II Run Sheet, Run Number: 64627
Date: 1991/11/17 Time start: 9:26 Shift Persons: 
Electron beam current: 
PS rate: 9014.4 DAQ rate: 2555.1 DAQ Live time: 93.6%
Radiator: 1.7 Converter: Target: 100%

TAC (circle one): in/out
Enabled Triggers Prescale Factor

---

Time end: 5:01.6 Number of events: 3.21
Data quality (circle one): good junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64628
Date: 1991/11/17 Time start: 5:01.6 Shift Persons: 
Electron beam current: 
PS rate: DAQ rate: 93.6 Converter: Target: 100%
Radiator: 1.7

TAC (circle one): in/out
Enabled Triggers Prescale Factor

---

Time end: 5:40.5 Number of events: 
Data quality (circle one): good junk
Comments: 

---

PrimEx-II Run Sheet, Run Number: 65628
Date: 1991/11/17 Time start: 5:40.5 Shift Persons: 
Electron beam current: 
PS rate: 0 DAQ rate: Converter: Target: 100%
Radiator: 1.7

TAC (circle one): in/out
Enabled Triggers Prescale Factor

---

Time end: 
Number of events: 
Data quality (circle one): good junk
Comments: 

---
PrimEx-II Run Sheet, Run Number: 65630

Date: 6/16/03 Time start: 6:18 a.m. Shift Persons: J. Lewis, A. Siemien
Electron beam current: _______ MOR rate: _______ HYCAL rate: _______
PS rate: _______ DAQ rate: _______ DAQ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 7:45 a.m. Number of events: _______
Data quality (circle one): good/junk
Comments: _______

---

PrimEx-II Run Sheet, Run Number: 641633

Date: 10-19-03 Time start: 10:54 a.m. Shift Persons: P. Collins, W. Phelps
Electron beam current: 100 pA MOR rate: 250 kHz HYCAL rate: 250 kHz
PS rate: 0 DAQ rate: ~1 kHz DAQ Live time: ~96%
Radiator: 10 mA Converter: Retard Target: None
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 2:10 p.m. Number of events: 2M
Data quality (circle one): good/junk
Comments: _______

---

PrimEx-II Run Sheet, Run Number: 64634

Date: ______ Time start: ______ Shift Persons: P. Collins, W. Phelps
Electron beam current: _______ MOR rate: _______ HYCAL rate: _______
PS rate: _______ DAQ rate: _______ DAQ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: ______ Number of events: _______
Data quality (circle one): good/junk
Comments: _______
PrimEx-II Run Sheet, Run Number: 64635
Date: 10/10/10 Time start: 15:33 Shift Persons: P. Collins W. Phls
Electron beam current: 1000 A MOR rate: 17 MHz HYCAL rate:
PS rate: 1.2 DAQ rate: 15k DAQ Live time:
Radiator: __________ Converter: __________ Target: 10%
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: ______ Number of events: ______
Data quality (circle one): good/junk
Comments: ______

---

PrimEx-II Run Sheet, Run Number: 64637
Date: 0/19/10 Time start: 16:51 Shift Persons: L. Guo, D. Gamazdin
Electron beam current: 100 MOR rate: 17.5 MHz HYCAL rate:
PS rate: 345 k DAQ rate: 2.2 k DAQ Live time:
Radiator: 1.10^-4 Converter: rel 2 Target: 5% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 1
T2 1
T5 1
L - 3500

Time end: 18:12 Number of events: 20 M
Data quality (circle one): good/junk
Comments: run 64636 junk for low HYCAL rate

---

PrimEx-II Run Sheet, Run Number: 64638
Date: 10/19/10 Time start: 18:13 Shift Persons: L. Guo, D. Gamazdin
Electron beam current: 100 MOR rate: 18.9 MHz HYCAL rate:
PS rate: 356 k DAQ rate: 2.4 k DAQ Live time:
Radiator: 1.10^-4 Converter: rel 2 Target: 5% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 1
T1 1
T5 1
L - 3500

Time end: 20:34 Number of events: 1.3 M
Data quality (circle one): good/junk
Comments: HYCAL rate is unstable (500-3000) End the Run for TAC run
PrimEx-II Run Sheet, Run Number: 64638
Date: 10/19 Time start: 21:04 Shift Persons: L. Grau O. Gramaglia
Electron beam current: 76.4 A MOR rate: 20 kHz HCYCAL rate: —
PS rate: 0 DAQ rate: 7.7 kHz DAQ Live time: —
Radiator: 1.6 x 10^-5 Converter: Retract Target: Empty
TAC (circle one): In/out Enabled Triggers Prescale Factor
T1 0
T2
T5
T7, T10
Time end: 21:37 Number of events: 15M
Data quality (circle one): good/junk Comments:

TAC run

PrimEx-II Run Sheet, Run Number: 64640
Date: 10/19 Time start: 23:05 Shift Persons: J. Larin O. Gramaglia
Electron beam current: 108 μA MOR rate: 20 kHz HCYCAL rate: 4 kHz
PS rate: 343 k DAQ rate: 3.9 kHz DAQ Live time: 88.6% Si
Radiator: 1.1 x 10^-4 Converter: Retract Target: 10% Si
TAC (circle one): In/out Enabled Triggers Prescale Factor
T1
T7
T5
T7, T10
Time end: — Number of events: —
Data quality (circle one): good/junk Comments:

Production

PrimEx-II Run Sheet, Run Number: 64641
Date: 1/19 Time start: 02:14 Shift Persons: P. Larin O. Kasyan
Electron beam current: 260 μA MOR rate: 3.0 kHz HCYCAL rate: 2 kHz
PS rate: 0 DAQ rate: 5.9 kHz DAQ Live time: 90% 10% Si
Radiator: 6.3 Converter: — Target: 10% Si
TAC (circle one): In/out Enabled Triggers Prescale Factor
MOR HCYCAL
PS
HV
Cav
Time end: 1:11 am Number of events: 8.6 M
Data quality (circle one): good/junk Comments:

US filter position 3 TAC-25cm
PrimEx-II Run Sheet, Run Number: 64642
Date: 10/20 Time start: 1:16am Shift Persons: I. Jasin, O. Kosinov
Electron beam current: 2.2 μA MOR rate: 359 HYCAL rate: 2.46 kHz
PS rate: 6 DAQ rate: 3.2 kHz DAQ Live time: 40 kHz 94%
Radiator: 10-4 Converter: Target: 10.7 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR HYCAL PS

10^3 2000 8500
Clock

Time end: 2:04am Number of events: 10.2 M
Data quality (circle one): good/junk
Comments: LMS filter position TAC -25 cm

---

PrimEx-II Run Sheet, Run Number: 64643
Date: 10/20 Time start: 2:07am Shift Persons: I. Jasin, O. Kosinov
Electron beam current: 2 μA MOR rate: 294 HYCAL rate: 2.1 kHz
PS rate: 8 DAQ rate: 2.9 kHz DAQ Live time: 95%
Radiator: 10-4 Converter: Target: 10.7 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR HYCAL PS

10^3 2000 8500
Clock

Time end: 2:55am Number of events: 9.1 M
Data quality (circle one): good/junk
Comments: LMS filter position TAC -25 cm

---

PrimEx-II Run Sheet, Run Number: 64644
Date: 10/20 Time start: 2:58am Shift Persons: I. Jasin, O. Kosinov
Electron beam current: 1.8 μA MOR rate: 292 HYCAL rate: 2.04 kHz
PS rate: 8 DAQ rate: 2.7 kHz DAQ Live time: 95%
Radiator: 10-4 Converter: Target: 10.7 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR HYCAL PS

10^3 2000 8500
Clock

Time end: 3:39am Number of events: 7.6 M
Data quality (circle one): good/junk
Comments: TAC position -25 cm, LMS filter position 5
PrimEx-II Run Sheet, Run Number: 64645
Date: 10/20 Time start: 3:40am Shift Persons: I. Lasin, O. Kosinov
Electron beam current: 1.9 nA MOR rate: 354 HYCAL rate: 2.5 kHz
PS rate: 11 DAQ rate: 2.3 kHz DAQ Live time: 94%
Radiator: 10^4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR 10^3
HYCAL 2000
PS 3500
Clock 0
Time end: 4:20am Number of events: 8.05 M
Data quality (circle one): good/junk
Comments: TAC position -25 cm, LMS filter position 5

PrimEx-II Run Sheet, Run Number: 64646
Date: 10/20 Time start: 4:22am Shift Persons: I. Lasin, O. Kosinov
Electron beam current: 1.9 nA MOR rate: 288 HYCAL rate: 2.1 kHz
PS rate: 9 DAQ rate: 2.5 kHz DAQ Live time: 95%
Radiator: 10^4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR 10^3
HYCAL 2000
PS 3500
Clock 0
Time end: 5:19am Number of events: 11.5 M
Data quality (circle one): good/junk
Comments: TAC position -25 cm, LMS filter position 5

PrimEx-II Run Sheet, Run Number: 64647
Date: 10/20 Time start: 5:20am Shift Persons: I. Lasin, O. Kosinov
Electron beam current: 2.2 nA MOR rate: 353 HYCAL rate: 2.6 kHz
PS rate: 5 DAQ rate: 2.9 kHz DAQ Live time: 95%
Radiator: 10^4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR 10^3
HYCAL 2000
PS 3500
Clock 0
Time end: 6:00am Number of events: 7.9 M
Data quality (circle one): good/junk
Comments: TAC position -25 cm, LMS filter position 5
PrimEx-II Run Sheet, Run Number: 64648
Date: 10/20 Time start: 6:02 am Shift Persons: J. Zarin, O. Kosinov
Electron beam current: 2.2 nA MOR rate: 344 HYCAL rate: 2.6 kHz
PS rate: 6 DAQ rate: 2.7 kHz DAQ Live time: 95%.
Radiator: 10^-4 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR
HYCAL
PS
Clock

Time end: 6:44 am Number of events: 8.2 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64649
Date: 10/20 Time start: 6:48 am Shift Persons: J. Zarin, O. Kosinov
Electron beam current: 2.2 nA MOR rate: 350 HYCAL rate: 46
PS rate: 0 DAQ rate: 11 kHz DAQ Live time: 97%
Radiator: 10^-4 Converter: Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR
HYCAL
PS
Clock

Time end: 4:28 pm Number of events: 3.17 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64650
Date: 10/20 Time start: 7:30 am Shift Persons: J. Zarin, O. Kosinov
Electron beam current: 2.3 nA MOR rate: 355 HYCAL rate: 46 kHz
PS rate: 0 DAQ rate: 11 kHz DAQ Live time: 94%
Radiator: 10^-4 Converter: Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
MOR
HYCAL
PS
Clock

Time end: 7:59 am Number of events: 2.38 M
Data quality (circle one): good/junk
Comments:

TAC position -25 cm, ZMS filter position 5
PrimEx-II Run Sheet, Run Number: 64651
Date: 10/20 Time start: 8:01 am Shift Persons: J. Larin, O. Korinov
Electron beam current: 2.2 nA MOR rate: 328 HYCAL rate: 46
PS rate: 0 DAQ rate: 1 kHz DAQ Live time: 98.7
Radiator: 10^{-4} Converter: — Target: Empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
MOR HYCAL
[ ] 10^3 2000
[ ] 3500
PS
[ ] 0

Time end: 9:00 Number of events: 5145
Data quality (circle one): good/junk
Comments: TAC position -25 cm, LMS profile position

PrimEx-II Run Sheet, Run Number: 64652
Date: 10/20 Time start: 9:10 Shift Persons: P. Collins, K. Park
Electron beam current: 100 nA MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: 10^{-4} Converter: — Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
MOR
[ ] 2000
[ ] 3500
PS
[ ]

Time end: Number of events: 3514
Data quality (circle one): good/junk
Comments: the PS Magnet tripped off so we ended the run

PrimEx-II Run Sheet, Run Number: 64653
Date: 10/20 Time start: 9:39 Shift Persons: P. Collins, K. Park
Electron beam current: 100 nA MOR rate: 19 MHz HYCAL rate: 3.7 kHz
PS rate: 340 kHz DAQ rate: 3.6 kHz DAQ Live time: 84
Radiator: 10^{-4} Converter: — Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
MOR
[ ] 2000
[ ] 3500
PS
[ ]

Time end: 13:39 Number of events: 
Data quality (circle one): good/junk
Comments: Large amount of time w/o beam
PrimEx-II Run Sheet, Run Number: 64661
Date: 10/20 Time start: 17:26  Shift Persons: Gun, Kang
Electron beam current: 100 nA  MOR rate: 2M Hz  HYCAL rate: 4kHz
PS rate: 397 kHz  DAQ rate: 3.1 kHz  DAQ Live time: 80% (M)
Radiator: 10-4  Converter: out  Target: 10/5 Si
TAC (circle one): in/out  Enabled Triggers Prescale Factor
  1/2
  1/3
  1/4
  20000  
  0
  1
  3500

Time end: 18:49  Number of events: 21M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64662
Date: 10/20 Time start: 18:50  Shift Persons: Gun, Kang
Electron beam current: 100 nA  MOR rate: 1.9M Hz  HYCAL rate: 4kHz
PS rate: 390 kHz  DAQ rate: 3.5 kHz  DAQ Live time: 80% (M)
Radiator: 10-4  Converter: out  Target: 10/5 Si
TAC (circle one): in/out  Enabled Triggers Prescale Factor
  1/2
  1/3
  1/4
  20000  
  0
  1
  3500

Time end: 19:40  Number of events: 5M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64663
Date: 10/20 Time start: 19:12  Shift Persons: Gun, Kang
Electron Beam current: 156  MOR rate: 1.9M Hz  HYCAL rate: 4kHz
PS rate: 200 kHz  DAQ rate: 3.4 kHz  DAQ Live time: 92%
Radiator: 10-4  Converter: out  Target: 10/5 Si
TAC (circle one): in/out  Enabled Triggers Prescale Factor
  1/2
  1/3
  1/4
  20000  
  0
  1
  3500

Time end: 19:40  Number of events: 20.7M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64664
Date: 10/20 Time start: 10:57 Shift Persons: Gao, Kang
Electron beam current: 70 mA MOR rate: 1.5 M HYCAL rate: 3.5 K
PS rate: 2.25 k DAQ rate: 3.5 k DAQ Live time: 92.2 M
Radiator: 10 m Converter: out Target: 10 % Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
3
4
5

Time end: 22:44 Number of events: 22 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64665
Date: 10/20 Time start: 23:45 Shift Persons: Cao, Kang
Electron beam current: 70 mA MOR rate: 1.5 M HYCAL rate: 2.9 K
PS rate: 2.14 k DAQ rate: 3.4 k DAQ Live time: 92.3 M
Radiator: 10 m Converter: out Target: 10 % Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
3
4
5

Time end: 0:28 am Number of events: 21 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64666
Date: 10/21 Time start: 0:30 am Shift Persons: L. Zosman, I. Kuzimen
Electron beam current: 70 mA MOR rate: 422 HYCAL rate: 2.9 kHz
PS rate: 220 kHz DAQ rate: 36 kHz DAQ Live time: 93.4 M
Radiator: 10 m Converter: out Target: 10 % Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
3
4
5

Time end: 2:02 am Number of events: 20 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64670
Date: 10/1/1 Time start: 2:31 Shift Persons: J. Lasin, O. Kosinov
Electron beam current: 20 mA MOR rate: 416 HYCAL rate: 2.9 kHz
PS rate: 225 kHz DAQ rate: 3.1 kHz DAQ Live time: 94.1
Radiator: 10^{-4} Converter: — Target: 10.15
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[
\begin{array}{ccc}
T_1 & 20,000 \\
T_2 & 1 \\
T_3 & 3500 \\
T_4 & \\
\end{array}
\]
Time end: 3:25:0a Number of events: 41,9 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64671
Date: 10/1/10 Time start: 3:58:0m Shift Persons: I. Lasin, O. Kosinov
Electron beam current: 70 mA MOR rate: — HYCAL rate: —
PS rate: — DAQ rate: 4.7 kHz DAQ Live time: —
Radiator: 10^{-4} Converter: — Target: 10.15
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[
\begin{array}{ccc}
T_1 & 50,000 \\
T_2 & 0 \\
T_3 & 4 \\
T_4 & 3580 \\
\end{array}
\]
Time end: 5:25:0a Number of events: 20 M
Data quality (circle one): good/junk
Comments: Start from 70 mA, mostly 90mA current

PrimEx-II Run Sheet, Run Number: 64672
Date: 10/2/1 Time start: 5:21:0 Shift Persons: J. Lasin, O. Kosinov
Electron beam current: 90 mA MOR rate: 194 HYCAL rate: 3.8 kHz
PS rate: 300 kHz DAQ rate: 3.07 kHz DAQ Live time: 91.4
Radiator: 10^{-4} Converter: — Target: 10.15
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[
\begin{array}{ccc}
T_1 & 50,000 \\
T_2 & 0 \\
T_3 & 4 \\
T_4 & 3580 \\
\end{array}
\]
Time end: 6:54:0a Number of events: 20.5 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64673
Date: 10/21 Time start: 6:38 AM Shift Persons: J. Zarain, D. Kosins
Electron beam current: 85 mA MOR rate: 189 HYCAL rate: 3.6 kHz
PS rate: 294 kHz DAQ rate: 3.4 kHz DAQ Live time: 92.6%
Radiator: 10 in/2 Converter: — Target: 107.5 in
TAC (circle one): in/out Enabled Triggers Precal Factor
T1 50k
T2 0
T5 4
T7 3500
Time end: 8:34 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64674
Date: 10/21/10 Time start: — Shift Persons: M. Wood, K. Park
Electron beam current: — MOR rate: — HYCAL rate: —
PS rate: — DAQ rate: — DAQ Live time: —
Radiator: — Converter: — Target: —
TAC (circle one): in/out Enabled Triggers Precal Factor
— —
— —
Time end: — Number of events: —
Data quality (circle one): good/junk
Comments: Dog problem at start of run

PrimEx-II Run Sheet, Run Number: 64675
Date: 10/21/10 Time start: 8:40 AM Shift Persons: M. Wood, K. Park
Electron beam current: 85 nA MOR rate: 189 HYCAL rate: 3.6 kHz
PS rate: 284 kHz DAQ rate: 3.4 kHz DAQ Live time: 91%
Radiator: 10 in/2 Converter: — Target: 10% S1
TAC (circle one): in/out Enabled Triggers Precal Factor
T1 50k
T2 0
T5 4
T7 3500
Time end: 9:02 Number of events: 4.3 M
Data quality (circle one): good/junk
Comments: MCC turned off beam.
PrimEx-II Run Sheet, Run Number: 64677
Date: 10/21/10 Time start: 16:01 Shift Persons: M. Wood / K. Park
Electron beam current: 70 mA MOR rate: 1800 Hz HYCAL rate: —
PS rate: 0 DAQ rate: 800 Hz DAQ Live time: 99.6%
Radiator: 1.6 X 10^-5 Converter: — Target: —
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1
T2
T3

Time end: 16:23 Number of events: 0.95 M
Data quality (circle one): good/junk
Comments: primes +2 crashed

PrimEx-II Run Sheet, Run Number: 64676
Date: 10/21/10 Time start: 14:10 Shift Persons: M. Wood / K. Park
Electron beam current: 85 mA MOR rate: 191 HYCAL rate: 37 kHz
PS rate: 285 kHz DAQ rate: 3.6 kHz DAQ Live time: 92.0%
Radiator: 10^-4 Converter: — Target: 10% S1
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1
T2
T3

Time end: 15:10 Number of events: 11 M
Data quality (circle one): good/junk
Comments: TAGE2 ROC crashed

PrimEx-II Run Sheet, Run Number: 64678
Date: 10/21/10 Time start: — Shift Persons: —
Electron beam current: — MOR rate: — HYCAL rate: —
PS rate: — DAQ rate: — DAQ Live time: —
Radiator: — Converter: — Target: —
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: — Number of events: —
Data quality (circle one): good/junk
Comments:
<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number: 64679</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 6/21/10  Time start: 17:03</td>
</tr>
<tr>
<td>Electron beam current: 854 mA</td>
</tr>
<tr>
<td>PS rate: 19 kHz DAQ rate: 3.7 kHz</td>
</tr>
<tr>
<td>Radiator: 10' 4'</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers Prescale Factor</td>
</tr>
<tr>
<td>T1</td>
</tr>
<tr>
<td>T2</td>
</tr>
<tr>
<td>T3</td>
</tr>
<tr>
<td>T4</td>
</tr>
<tr>
<td>Time end: 17:23  Number of events: 0.3 M</td>
</tr>
<tr>
<td>Data quality (circle one): Good</td>
</tr>
<tr>
<td>Comments: T10 and T12 also on, almost no beam at all</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number: 64680</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 12/3/10  Time start: 17:03</td>
</tr>
<tr>
<td>Electron beam current: 854 mA</td>
</tr>
<tr>
<td>PS rate: 19 kHz DAQ rate: 3.7 kHz</td>
</tr>
<tr>
<td>Radiator: 10' 4'</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers Prescale Factor</td>
</tr>
<tr>
<td>T1</td>
</tr>
<tr>
<td>T2</td>
</tr>
<tr>
<td>T3</td>
</tr>
<tr>
<td>T4</td>
</tr>
<tr>
<td>Time end: 19:17  Number of events: 20 M</td>
</tr>
<tr>
<td>Data quality (circle one): Good/junk</td>
</tr>
<tr>
<td>Comments: T10 is on</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number: 64681</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 12/21/10  Time start: 19:18</td>
</tr>
<tr>
<td>Electron beam current: 854 mA</td>
</tr>
<tr>
<td>PS rate: 19 kHz DAQ rate: 3.4 kHz</td>
</tr>
<tr>
<td>Radiator: 10' 4'</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers Prescale Factor</td>
</tr>
<tr>
<td>T1</td>
</tr>
<tr>
<td>T2</td>
</tr>
<tr>
<td>T3</td>
</tr>
<tr>
<td>T4</td>
</tr>
<tr>
<td>Time end: 21:21  Number of events: 25 M</td>
</tr>
<tr>
<td>Data quality (circle one): Good/junk</td>
</tr>
<tr>
<td>Comments: T10 is on</td>
</tr>
</tbody>
</table>
PrimEx-II Run Sheet, Run Number: 4468
Date: 10/21/10  Time start: 21:22  Shift Persons: H. Lu, H. Kang
Electron beam current: 85 mA  MOR rate: 19 kHz  HCYCAL rate: 3.7 kHz
PS rate: 28 kHz  DAQ rate: 3.4 kHz  DAQ Live time: 91.9%
Radiator: 10.4  Converter: Target:

TAC (circle one): in/out
Enabled Triggers  Prescale Factor
T1  50000
T2  0
T3  4
T7  23:02  3500
Time end: 4  Number of events: 30 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 44683
Date: 10/21/10  Time start: 21:02  Shift Persons: H. Lu, H. Kang
Electron beam current: 85 mA  MOR rate: 19 kHz  HCYCAL rate: 3.7 kHz
PS rate: 28 kHz  DAQ rate: 3.4 kHz  DAQ Live time: 91.9%
Radiator: 10.4  Converter: Target:

TAC (circle one): in/out
Enabled Triggers  Prescale Factor
T1  50 K
T2  0
T3  4
T7  23:02  3500
Time end: 2:40  Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 44684
Date: 10/22  Time start: 12:43 am  Shift Persons: O. Kodys, A. Situnayake
Electron beam current: 65 mA  MOR rate: 201 kHz  HCYCAL rate: 3.5 kHz
PS rate: 28 kHz  DAQ rate: 3.3 kHz  DAQ Live time: 91.4%
Radiator: 10.4  Converter: Target:

TAC (circle one): in/out
Enabled Triggers  Prescale Factor
T1  50 K
T2  0
T3  4
T7  23:00
Time end: 7:14 am  Number of events: 20 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64685
Date: 10/22 Time start: 2:15am Shift Persons: O.Kosinov, A.Sitnikov
Electron beam current: 85 nA MOR rate: 202 PS rate: 2.6 kHz
DAQ rate: 3.5 kHz Live time: 97.1
Radiator: 10^{-4} Converter: —— Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1
T2
T3

50k
0
4
3.5 kHz

Time end: 3:44am Number of events: 20 M
Data quality (circle one): good/junk
Comments:

TAC returned to 250 mm

---

PrimEx-II Run Sheet, Run Number: 64686
Date: 10/22 Time start: 3:45am Shift Persons: O.Kosinov, A.Sitnikov
Electron beam current: 85 nA MOR rate: 201 PS rate: 2.6 kHz
DAQ rate: 3.2 kHz Live time: 93%
Radiator: 10^{-4} Converter: —— Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1
T2
T3

50k
0
4
3.5 kHz

Time end: 5:18am Number of events: 20.1 M
Data quality (circle one): good/junk
Comments:

TAC returned to 250 mm

---

PrimEx-II Run Sheet, Run Number: 64687
Date: 10/22 Time start: 5:19am Shift Persons: O.Kosinov, A.Sitnikov
Electron beam current: 85 nA MOR rate: 194 PS rate: 2.76 kHz
DAQ rate: 3.1 kHz Live time: 93%
Radiator: 10^{-4} Converter: —— Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1
T2
T3

50k
0
4
3.5 kHz

Time end: 6:32am Number of events: 157 M
Data quality (circle one): good/junk
Comments:

TAC returned to 250 mm
PrimEx-II Run Sheet, Run Number: 64688
Date: 10/22 Time start: 6:45 AM Shift Persons: O.Koum, A. Sinha
Electron beam current: 85 mA MOR rate: 192 PS rate: 279 kHz
DAQ rate: 3.2 kHz Live time: 90% (DAQ 100 kHz based)
Radiator: 10\(^{-4}\) Converter: - Target: 10% S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{11}{12} \frac{11}{15} \frac{17}{17} \]
Time end: 8:29 Number of events: 23.6M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64689
Date: 10/22 Time start: 13:10 Shift Persons: M. Wood, K. Park
Electron beam current: 85 mA MOR rate: 197 PS rate: 274 kHz
DAQ rate: 3.4 kHz Live time: 92% (DAQ 100 kHz based)
Radiator: 10\(^{-4}\) Converter: - Target: 10% S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{11}{12} \frac{15}{17} \]
Time end: 14:24 Number of events: 2.9M
Data quality (circle one): good/junk
Comments: MCC is working on the beam

PrimEx-II Run Sheet, Run Number: 64704
Date: 10/22 Time start: Shift Persons: Kapral
Electron beam current: 85 mA MOR rate: PS rate: 
DAQ rate: Live time: (DAQ 100 kHz based)
Radiator: 10\(^{-4}\) Converter: 0 kHz Target: 10% S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{11}{12} \frac{15}{17} \]
Time end: 9:02 Number of events: 11M
Data quality (circle one): good/junk
Comments:
### PrimEx-II Run Sheet, Run Number: 64705

**Date:** 10/27  
**Time start:** 20:03  
**Shift Persons:** Kovalch

<table>
<thead>
<tr>
<th>DAQ rate</th>
<th>Live time</th>
<th>MOR rate: (DAQ 100 kHz based)</th>
<th>PS rate:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Radiator:** 1 x 10^-4  
**Converter:** Out  
**Target:** 10^7  
**TAC (circle one):** in/out  
**Enabled Triggers Prescale Factor:**

<table>
<thead>
<tr>
<th>Prescale Factor</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>710</td>
<td>50,000</td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

**Time end:** 21:00  
**Number of events:** 10.5 M  
**Data quality (circle one):** good/junk  
**Comments:**

---

### PrimEx-II Run Sheet, Run Number: 64706

**Date:** 10/27  
**Time start:** 20:59  
**Shift Persons:** SK

**Electron beam current:** 35 mA  
**MOR rate:** 3 kHz

**DAQ rate:**  
**Live time:** 3100  
**Target:** 10^7  
**TAC (circle one):** in/out  
**Enabled Triggers Prescale Factor:**

<table>
<thead>
<tr>
<th>Prescale Factor</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>710</td>
<td>50,000</td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

**Time end:** 21:22  
**Number of events:** ~ 3 M  
**Data quality (circle one):** good/junk  
**Comments:**

---

### PrimEx-II Run Sheet, Run Number: 64707

**Date:** 10/27  
**Time start:** 21:32  
**Shift Persons:** SLC

**Electron beam current:** 0  
**MOR rate:** 3 kHz

**DAQ rate:**  
**Live time:** 2200  
**Target:** 10^7  
**TAC (circle one):** in/out  
**Enabled Triggers Prescale Factor:**

<table>
<thead>
<tr>
<th>Prescale Factor</th>
<th>Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>710</td>
<td>50,000</td>
</tr>
<tr>
<td>11</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

**Time end:** 21:42  
**Number of events:** 5  
**Data quality (circle one):** good/junk  
**Comments:**  

---

**Test Run Hall Access**
PrimEx-II Run Sheet, Run Number: 64708
Date: 10/25 Time start: 21:56 Shift Persons: SK
Electron beam current: 850 nA MOR rate: PS rate: 
DAQ rate: Live time: (DAQ 100kHz based)
Radiator: 1x10^-4 Converter: OUT Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
T1 T10 50,000
T2
T3
Time end: 22:04 Number of events: 1.66 M
Data quality (circle one): good/junk Comments:

PrimEx-II Run Sheet, Run Number: 64709
Date: 10/25 Time start: 22:09 Shift Persons: SI
Electron beam current: 0 MOR rate: PS rate: 
DAQ rate: Live time: (DAQ 100kHz based)
Radiator: 1x10^-4 Converter: OUT Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
T1 T10 50,000
T2
T3
Time end: 22:39 Number of events: 360 K
Data quality (circle one): good/junk Comments:

Test Run - Hull Access

PrimEx-II Run Sheet, Run Number: 64710
Date: 10/27 Time start: 22:54 Shift Persons: SK
Electron beam current: 850 nA MOR rate: PS rate: 
DAQ rate: Live time: (DAQ 100kHz based)
Radiator: 1x10^-4 Converter: OUT Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
T1 T10 50,000
T2
T3
Time end: Number of events: 
Data quality (circle one): good/junk Comments:

Test Run - Hull Access
PrimEx-II Run Sheet, Run Number: 64712
Date: 10/23 Time start: 12:25 Shift Persons: Pedroni/Klein
Electron beam current: 700 mA MOR rate: 1800 PS rate: 
DAQ rate: ~600 kHz Live time: 98 (DAQ 100 kHz based)
Radiator: 10.5°C Converter: Target: 
TAC (circle one): in/out 0
Enabled Triggers Prescale Factor

Time end: 1:05 Number of events: 11Mill
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64714
Date: 10/23 Time start: 1:24 Shift Persons: Pedroni/Klein
Electron beam current: 1000 nA MOR rate: 17.1 kHz PS rate: 330 kHz
DAQ rate: 4.5 kHz Live time: 70% (DAQ 100 kHz based)
Radiator: 10.4°C Converter: Target: 10% Si
TAC (circle one): in/out -250
Enabled Triggers Prescale Factor

<table>
<thead>
<tr>
<th>7</th>
<th>506</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>3500 (10)</td>
</tr>
</tbody>
</table>

Time end: 2:25 Number of events: 16.4 Mill
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64715
Date: 10/23 Time start: 2:06 Shift Persons: Pedroni/Klein
Electron beam current: 800 nA MOR rate: 15.5 MHz PS rate: 300 kHz
DAQ rate: 40 kHz Live time: 83.5% (DAQ 100 kHz based)
Radiator: 10.7°C Converter: Target: 10% Si
TAC (circle one): in/out -750
Enabled Triggers Prescale Factor

<table>
<thead>
<tr>
<th>1</th>
<th>504</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>3500</td>
</tr>
</tbody>
</table>

Time end: 4:16 Number of events: 
Data quality (circle one): good/junk
Comments: Background
PrimEx-II Run Sheet, Run Number: 64716
Date: 1/23 Time start: 4:47am Shift Persons: Pedrow/Klein
Electron beam current: 900nA MOR rate: 11 MHz PS rate: 300 kHz
DAQ rate: 4.9kHz Live time: 92.7% (DAQ 100kHz based)
Radiator: 10^{-4} (1) Converter: Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
1 & 50k \\
2 & 0 \\
3 & 0 \end{array}
\]
Time end: 5:14am Number of events: 13084597
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64717
Date: 10/23 Time start: 5:16am Shift Persons: Pedrow/Klein
Electron beam current: 90nA MOR rate: 13.4 MHz PS rate: 300 kHz
DAQ rate: 3.6kHz Live time: 92.7% (DAQ 100kHz based)
Radiator: 10^{-4} (1) Converter: Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
1 & 50k \\
2 & 0 \\
3 & 0 \end{array}
\]
Time end: 6:16am Number of events: 16555825
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64718
Date: 10/23 Time start: 6:17am Shift Persons: Pedrow/Klein
Electron beam current: 90nA MOR rate: 14.5 MHz PS rate: 300 kHz
DAQ rate: 3.5kHz Live time: 92.7% (DAQ 100kHz based)
Radiator: 10^{-4} (1) Converter: Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
1 & 50k \\
2 & 0 \\
3 & 0 \end{array}
\]
Time end: 7:22am Number of events: 1734454
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64749
Date: 10/123  Time start: 7:23  Shift Persons: Peron D. Klein
Electron beam current: 90 mA  MOR rate: 6.6 kHz  PS rate: 36 kHz
DAQ rate: 40 kHz  Live time: 99%  (DAQ 100 kHz based)
Radiator: 10-4  Converter:  
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[ \begin{array}{c}
\frac{1}{0} \\
\frac{2}{0} \\
\frac{7}{70000}
\end{array} \]
Time end: 8:36  Number of events: 21 M
Data quality (circle one): good, junk
Comments:

PrimEx-II Run Sheet, Run Number: 64720
Date: 10/23/10  Time start: 8:38  Shift Persons: Wood W. Kubarski
Electron beam current: 90 mA  MOR rate: 15.6 MHz  PS rate: 2 kHz
DAQ rate: 3.9 kHz  Live time: 99%  (DAQ 100 kHz based)
Radiator: 10-4  Converter:  
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[ \begin{array}{c}
\frac{1}{1} \\
\frac{2}{0} \\
\frac{5}{50000}
\end{array} \]
Time end: 9:52  Number of events: 20,9 M
Data quality (circle one): good, junk
Comments:

PrimEx-II Run Sheet, Run Number: 64721
Date: 10/23/10  Time start: 9:53  Shift Persons: Wood W. Kubarski
Electron beam current: 90 mA  MOR rate: 198 MHz  PS rate: 3 kHz
DAQ rate: 3.9 kHz  Live time: 99%  (DAQ 100 kHz based)
Radiator: 10-4  Converter:  
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[ \begin{array}{c}
\frac{1}{3} \\
\frac{2}{0} \\
\frac{7}{35000}
\end{array} \]
Time end: 10:33  Number of events: 11.3 M
Data quality (circle one): good, junk
Comments:
PrimEx-II Run Sheet, Run Number: 64722
Date: 10/23/10 Time start: 10:34 Shift Persons: Wood/Kubarskiy
Electron beam current: 90 nA MOR rate: 19.5 MHz PS rate: 300 kHz
DAQ rate: 4.4 kHz Live time: 91% (DAQ 100 kHz based) Target: 10% Si
Radiator: 10-4
Converter: --
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ccc}
1 & 50000 \\
2 & 0 \\
5 & 0 \\
7 & 3000 \\
\end{array}
\]
Time end: 11:55 Number of events: 20.9 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64723
Date: 10/23/10 Time start: 11:56 Shift Persons: Wood/Kubarskiy
Electron beam current: 40 nA MOR rate: 19.5 MHz PS rate: 296 kHz
DAQ rate: 4.5 kHz Live time: 92% (DAQ 100 kHz based) Target: 10% Si
Radiator: 10-4
Converter: --
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ccc}
1 & 50000 \\
2 & 0 \\
5 & 0 \\
7 & 2500 \\
\end{array}
\]
Time end: 13:13 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64724
Date: 10/23/10 Time start: 13:15 Shift Persons: Wood/Kubarskiy
Electron beam current: 90 nA MOR rate: 20.0 MHz PS rate: 297 kHz
DAQ rate: 4.6 kHz Live time: 92% (DAQ 100 kHz based) Target: 10% Si
Radiator: 10-4
Converter: --
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ccc}
1 & 50000 \\
2 & 0 \\
5 & 0 \\
7 & 3500 \\
\end{array}
\]
Time end: 14:33 Number of events: 21.6 M
Data quality (circle one): good/junk
Comments:

please give
HYCAL rate
4.1 kHz
PrimEx-II Run Sheet, Run Number: 64725
Date: 10/23/10 Time start: 14:34
Electron beam current: 40 nA
DAQ rate: 2.4 kHz Live time: 92%
Radiator: 10-4
Converter: 10-4
TAC (circle one): In/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \]
\[ \frac{5}{3} \]
\[ \frac{7}{3} \]
Time end: 16:02 Number of events: 23.4 M
Data quality (circle one): good/junk
Comments:

please give
HYCAL rate
4.0 kHz

PrimEx-II Run Sheet, Run Number: 64726
Date: 10/23/10 Time start: 16:04
Electron beam current: 90 nA
DAQ rate: Live time: 92% (DAQ 100 kHz based)
Radiator: 10-4
Converter: 10-4
TAC (circle one): In/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \]
\[ \frac{5}{3} \]
\[ \frac{7}{3} \]
Time end: 17:36 Number of events: 23.90 M
Data quality (circle one): good/junk
Comments:

HYCAL rate
4.0 kHz

PrimEx-II Run Sheet, Run Number: 64727
Date: 10/23 Time start: 19:04
Electron beam current: 90 nA
DAQ rate: Live time: 92% (DAQ 100 kHz based)
Radiator: 10-4
Converter: 10-4
TAC (circle one): In/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \]
\[ \frac{5}{3} \]
\[ \frac{7}{3} \]
Time end: 20:42 Number of events: 25.0 M
Data quality (circle one): good/junk
Comments:

HYCAL rate
4.3 kHz
PrimEx-II Run Sheet, Run Number: 64728
Date: 10/23 Time start: 22:47 Shift Persons: Kosalal
Electron beam current: 90mA MOR rate: PS rate: 
DAQ rate: Live time: 95% (DAQ 100kHz based)
Radiator: 10^-4 Converter: 
Target: 10% Si

TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
\[ \frac{1}{2} \]
50,000
0
3500

Time end: 22:17 Number of events: 25.4 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64729
Date: 10/23 Time start: 22:18 Shift Persons: Kosalal
Electron beam current: 90mA MOR rate: PS rate: 
DAQ rate: Live time: 94% (DAQ 100kHz based)
Radiator: 10^-4 Converter: 
Target: 10% Si

TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
\[ \frac{1}{2} \]
50,000
0
3500

Time end: 23:44 Number of events: 23.8 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64730
Date: 10/23 Time start: 23:44 Shift Persons: Kosalal
Electron beam current: 90mA MOR rate: 19kHz PS rate: 30kHz
DAQ rate: 4.3kHz Live time: 97% (DAQ 100kHz based)
Radiator: 10^-4 Converter: 
Target: 10% Si

TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
\[ \frac{1}{2} \]
50,000
0
3500

Time end: 00:46 Number of events: 1610788
Data quality (circle one): good/junk
Comments:

---
PrimEx-II Run Sheet, Run Number: 64731
Date: 10/24 Time start: 08:45 Shift Persons: Pedroni/Klein
Electron beam current: 90 nA MOR rate: 19.1 MHz PS rate: 300 kHz
DAQ rate: 4.5 kHz Live time: 92.7% (DAQ 100 kHz based)
Radiator: 10-4 Converter: Target: 1070 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{2}{5} \hspace{1cm} \frac{5}{7} \hspace{1cm} 50k \]
Time end: 01:47 Number of events: 1687522
Data quality (circle one): good/junk
Comments:

please give HYCAL rate
n4.0 kHz

PrimEx-II Run Sheet, Run Number: 64732
Date: 10/24 Time start: 08:48 Shift Persons: Pedroni/Klein
Electron beam current: 90 nA MOR rate: 19.1 MHz PS rate: 300 kHz
DAQ rate: 4.5 kHz Live time: 92.7% (DAQ 100 kHz based)
Radiator: 10-4 Converter: Target: 1070 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{2}{5} \hspace{1cm} \frac{5}{7} \hspace{1cm} 50k \]
Time end: 02:46 Number of events: 16449872
Data quality (circle one): good/junk
Comments:

HYCAL rate
n4.0 kHz

PrimEx-II Run Sheet, Run Number: 64733
Date: 10/24 Time start: 02:48 Shift Persons: Pedroni/Klein
Electron beam current: 90 nA MOR rate: 18.5 MHz PS rate: 300 kHz
DAQ rate: 4.5 kHz Live time: 92.7% (DAQ 100 kHz based)
Radiator: 10-4 Converter: Target: 1070 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{2}{5} \hspace{1cm} \frac{5}{7} \hspace{1cm} 50k \]
Time end: 03:46 Number of events: 16490941
Data quality (circle one): good/junk
Comments:

HYCAL rate
n4.0 kHz
PrimEx-II Run Sheet, Run Number: 64734
Date: 10/24 Time start: 03:47 Shift Persons: Pedroni/Klein
Electron beam current: 90mA MOR rate: 18.5 kHz PS rate: 300 kHz
DAQ rate: 1.5 kHz Live time: 92.70 (DAQ 100 kHz based)
Radiator: 10-7 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50k
2 0
3 3500
Time end: 04:43 Number of events: 14411
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64735
Date: 10/24 Time start: 04:46 Shift Persons: Pedroni/Klein
Electron beam current: 90mA MOR rate: 18.5 kHz PS rate: 300 kHz
DAQ rate: 4.5 kHz Live time: 92.70 (DAQ 100 kHz based)
Radiator: 10-7 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50k
2 0
3 0 18.3
Time end: 05:43 Number of events: 14411
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64736
Date: 10/24 Time start: 05:36 Shift Persons: Pedroni/Klein
Electron beam current: 90mA MOR rate: 18.5 kHz PS rate: 300 kHz
DAQ rate: 4.7 kHz Live time: 92.70 (DAQ 100 kHz based)
Radiator: 10-7 Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50k
2 0
3 0
Time end: 06:52 Number of events: 17887457
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64737
Date: 10/14  Time start: 06:59  Shift Persons: Pedroni/Klein
Electron beam current: 90nA  MOR rate: 18MHz  PS rate: 260kHz
DAQ rate: 4.3kHz  Live time: 92%  (DAQ 100kHz based)
Radiator: 10-4  Converter:  Target: 10% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1/7  50k
1/5  0
1/2  3500
Time end: 07:55  Number of events: 16084087
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64737
Date: 10/24  Time start: 07:56  Shift Persons: Pedroni/Klein
Electron beam current: 90nA  MOR rate: 18MHz  PS rate: 292kHz
DAQ rate: 4.3kHz  Live time: 91%  (DAQ 100kHz based)
Radiator: 10-4  Converter:  Target: 10% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1/7  50000
1/5  0
1/2  3500
Time end: 07:55  Number of events: 16084087
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64737
Date: 10/24  Time start: 09:49  Shift Persons: Wood/Kularovskiy
Electron beam current: 90nA  MOR rate: 17.5MHz  PS rate: 292kHz
DAQ rate: 4.7kHz  Live time: 92%  (DAQ 100kHz based)
Radiator: 10-4  Converter:  Target: 10% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1/7  50000
1/5  0
1/2  3500
Time end: 09:49  Number of events: 22M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 6474
Date: 10/24/10 Time start: 10:36
Shift Persons: Wood/Kubarevskiy
Electron beam current: 90 nA
DAQ rate: 4.6 kHz
Radiator: 10
TAC (circle one): in/out
Time end: 11:56
Enabled Triggers Prescale Factor
1
3
1
3
50000
3300
Number of events: 22M
Data quality (circle one): good/junk
Comments: please give HYCAL rate
4.0 kHz

PrimEx-II Run Sheet, Run Number: 6474
Date: 10/24/10 Time start: 11:58
Shift Persons: Wood/Kubarevskiy
Electron beam current: 90 nA
DAQ rate: 4.6 kHz
Radiator: 10
TAC (circle one): in/out
Time end: 13:10
Enabled Triggers Prescale Factor
1
3
1
3
50000
3300
Number of events: 22M
Data quality (circle one): good/junk
Comments: please give HYCAL rate
4.0 kHz

PrimEx-II Run Sheet, Run Number: 64742
Date: 10/24/10 Time start: 13:12
Shift Persons: Wood/Kubarevskiy
Electron beam current: 90 nA
DAQ rate: 4.6 kHz
Radiator: 10
TAC (circle one): in/out
Time end: 15:03
Enabled Triggers Prescale Factor
1
3
1
3
50000
3300
Number of events: 31M
Data quality (circle one): good/junk
Comments: please give HYCAL rate
4.0 kHz
PrimEx-II Run Sheet, Run Number: 64743
Date: 10/24/10 Time start: 15:05 Shift Persons: Wood/Kubarovsky
Electron beam current: 90mA MOR rate: 17.8 MSP rate: 302 kHz
DAQ rate: 4.6kHz Live time: 92% (DAQ 100kHz based) Target: 10% Si
Radiator: 10/4 Converter: 
TAC (circle one): in/out Enabled Triggers Prescale Factor 50k

Time end: 18:57 Number of events: 31.8 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64744
Date: 10/24 Time start: 17:15 Shift Persons: Kowalski
Electron beam current: 0.7NA MOR rate: 
DAQ rate: Live time: 91 (DAQ 100kHz based) Target: 
Radiator: 1.6 x 10^-5 Converter: 
TAC (circle one): in/out Enabled Triggers Prescale Factor

Time end: 17:29 Number of events: 3.7 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64745
Date: 10/24 Time start: 17:43 Shift Persons: Kowalski
Electron beam current: 0.7NA MOR rate: 
DAQ rate: Live time: 91 (DAQ 100kHz based) Target: 
Radiator: 1.6 x 10^-5 Converter: 
TAC (circle one): in/out Enabled Triggers Prescale Factor

Time end: 18:09 Number of events: 6.12 M
Data quality (circle one): good/junk
Comments:

Reset HVT-16 voltage to 1970V

Hall-A was off this run.
PrimEx-II Run Sheet, Run Number: 14746
Date: 10/24 Time start: 18:13 Shift Persons: Kornedal
Electron beam current: 0.010 A MOR rate: PS rate:
DAQ rate: Live time: (DAQ 100 kHz based)
Radiator: 1.5 x 10^5 Target: 1.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events:
Data quality (circle one): good/junk
Comments: Hull-A and Hull-C both off TAC Run.
Stopped Run - current unstable and too high

PrimEx-II Run Sheet, Run Number: 14748
Date: 10/24 Time start: 18:31 Shift Persons: Kornedal
Electron beam current: MOR rate: PS rate:
DAQ rate: Live time: (DAQ 100 kHz based)
Radiator: Converter: Target: 1.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 19:01 Number of events: 142 M
Data quality (circle one): good/junk
Comments: TAC Run Hull-A and B- OFF

PrimEx-II Run Sheet, Run Number: 14750
Date: 10/24 Time start: 19:15 Shift Persons: Kornedal
Electron beam current: MOR rate: PS rate:
DAQ rate: Live time: (DAQ 100 kHz based)
Radiator: Converter: Target: 1.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 19:54 Number of events: 3500
Data quality (circle one): good/junk
Comments: Production Running Junk
PrimEx-II Run Sheet, Run Number: 64751
Date: 10/24 Time start: 15:56 Shift Persons: Kawalal
Electron beam current: 90.4 NA MOR rate: PS rate:
DAQ rate: Live time: 92
Radiator: \( \times 10^{-4} \) Converter: Out Target: 0.7% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
1 & 710 \\ 
\frac{5}{7} & 3500 \\ 
\end{array}
\]
Time end: Number of events: 14.0 M
Data quality (circle one): good/junk
Comments:

please give
HYCAL rate
kHz

PrimEx-II Run Sheet, Run Number: 64756
Date: 10/24 Time start: 21:37 Shift Persons: Kawalal
Electron beam current: 90.4 NA MOR rate: PS rate:
DAQ rate: Live time: 92
Radiator: \( \times 10^{-4} \) Converter: Out Target: 0.7% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
1 & 10 \\ 
\frac{5}{7} & 3500 \\ 
\end{array}
\]
Time end: 22:17 Number of events: 11.4 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64757
Date: 10/24 Time start: 22:17 Shift Persons: Kawalal
Electron beam current: 90.4 NA MOR rate: PS rate:
DAQ rate: Live time: 92
Radiator: \( \times 10^{-4} \) Converter: Out Target: 0.7% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
1 & 10 \\ 
\frac{5}{7} & 3500 \\ 
\end{array}
\]
Time end: 22:41 Number of events: 22.6 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64758
Date: 10/24 Time start: 22:145 Shift Persons: J. Kowalski, W. Phelps
Electron beam current: 90 mA MOR rate: 17.9 kHz PS rate: 228 kHz
DAQ rate: 8 kHz Live time: 97.2% (DAQ 100 kHz based) Target: 10% Sc
Radiator: 1.1 x 10^-4 cm Converter: 1.3 x 10^2 cm
TAC (circle one): in/out Enabled Triggers Prescale Factor 50,000 10 - 0
please give HYCAL rate 4.0 kHz
Number of events: 1440935
Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64759
Date: 10/25 Time start: 00:47 Shift Persons: Pedroni, Klein
Electron beam current: 90 mA MOR rate: 17.9 kHz PS rate: 300 kHz
DAQ rate: 8 kHz Live time: 97.2% (DAQ 100 kHz based) Target: 10% Sc
Radiator: 1.1 x 10^-4 cm Converter: 1.3 x 10^2 cm
TAC (circle one): in/out Enabled Triggers Prescale Factor 50k 10 - 0
HYCAL rate 4.0 kHz
Number of events: 19297261
Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64760
Date: 10/25 Time start: 01:57 Shift Persons: Pedroni, Klein
Electron beam current: 90 mA MOR rate: 17.9 kHz PS rate: 300 kHz
DAQ rate: 8 kHz Live time: 97.2% (DAQ 100 kHz based) Target: 10% Sc
Radiator: 1.1 x 10^-4 cm Converter: 1.3 x 10^2 cm
TAC (circle one): in/out Enabled Triggers Prescale Factor 50k 10 - 0
HYCAL rate 4.0 kHz
Number of events: 16566746
Data quality (circle one): good/junk
Comments: Production
PrimEx-II Run Sheet, Run Number: 64761
Date: 10/25 Time start: 02:56 Shift Persons: Pedroni/Klein
Electron beam current: 90 nA MOR rate: 191 kHz PS rate: 30 kHz
DAQ rate: 45 kHz Live time: 92 % (DAQ 100 kHz based) Target: 107.5 sec
Radiator: 10^{-4} O Converter: ________
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 50k 10^{-0}
2 0 0
5 0 0
Time end: 03:56 Number of events: 16948425
Data quality (circle one): good/junk Comments: ——

production

PrimEx-II Run Sheet, Run Number: 64762
Date: 10/25 Time start: 03:56 Shift Persons: Pedroni/Klein
Electron beam current: 90 nA MOR rate: 191 kHz PS rate: 30 kHz
DAQ rate: 45 kHz Live time: 92 % (DAQ 100 kHz based) Target: 107.5 sec
Radiator: 10^{-4} O Converter: ________
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 50k 10^{-0}
2 0 0
5 0 0
Time end: 04:56 Number of events: 16613626
Data quality (circle one): good/junk Comments: ——

production

PrimEx-II Run Sheet, Run Number: 64763
Date: 10/25 Time start: 04:56 Shift Persons: Pedroni/Klein
Electron beam current: 90 nA MOR rate: 191 kHz PS rate: 30 kHz
DAQ rate: 45 kHz Live time: 92 % (DAQ 100 kHz based) Target: 107.5 sec
Radiator: 10^{-4} O Converter: ________
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 50k 10^{-0}
2 0 0
5 0 0
Time end: 05:56 Number of events: 16507858
Data quality (circle one): good/junk Comments: ——
PrimEx-II Run Sheet, Run Number: 64764
Date: 10/24   Time start: 05:57   Shift Persons: Pedroni/Klein
Electron beam current: 90 mA   MOR rate: 19 MHz   PS rate: 800 kHz
DAQ rate: 4.5 kHz   Live time: 91%   (DAQ 100 kHz based)
Radiator: 10^{-4} (1)   Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers   Prescale Factor
\[ \frac{1}{2} \quad 50k \quad 10 \quad 0 \]
\[ \frac{1}{2} \quad 0 \quad 0 \quad 3500 \]
Time end: 06:30   Number of events: \textbf{9655816}
Data quality (circle one): good/junk
Comments:
Production (No beam for last 7.5 minutes of run)

---

PrimEx-II Run Sheet, Run Number: 64765
Date: 10/25   Time start: 06:11   Shift Persons: Pedroni/Klein
Electron beam current:   MOR rate: PS rate: ___
DAQ rate:   Live time:   (DAQ 100 kHz based)
Radiator:   Converter: Target: ___
TAC (circle one): in/out
Enabled Triggers   Prescale Factor
\[ \frac{1}{2} \quad \_ \quad \_ \quad \_ \]
Time end: 06:45   Number of events: \textbf{X}
Data quality (circle one): good/junk
Comments:
Production

---

PrimEx-II Run Sheet, Run Number: 64766
Date: 10/25   Time start: 07:04   Shift Persons: Pedroni/Klein
Electron beam current: 90 mA   MOR rate: 19.7 Hz   PS rate: 300 kHz
DAQ rate: 4.5 kHz   Live time: 92%   (DAQ 100 kHz based)
Radiator: 10^{-4} (1)   Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers   Prescale Factor
\[ \frac{1}{2} \quad 50k \quad 10 \quad 0 \]
\[ \frac{1}{2} \quad 0 \quad 0 \quad 3500 \]
Time end: 07:22   Number of events: \textbf{3119519}
Data quality (circle one): good/junk
Comments:
Production: May have some useful data!
PrimEx-II Run Sheet, Run Number: 64767
Date: 10/25  Time start: 07:44  Shift Persons: A.Dean / M. Ito
Electron beam current: 40  MOR rate: 19.4 kHz  PS rate: 290 kHz
DAQ rate: 40 kHz  Live time: 41.7
tTarget: 10% Si
Radiator: 10x Au(91)  Converter: 
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[
\begin{array}{c|c}
1 & 50 K \\
2 & 0 \\
5 & 0 \\
7 & 35 K \\
\end{array}
\]
Time end: 08:54  Number of events: 19 11
Data quality (circle one): good/junk
Comments:

Production

PrimEx-II Run Sheet, Run Number: 64768
Date: 10/25  Time start: 08:56  Shift Persons: A.Dean / M. Ito
Electron beam current: 41 mA  MOR rate: 18.8 kHz  PS rate: 290 kHz
DAQ rate: 3.9 kHz  Live time: 91.7
tTarget: 10% Si
Radiator: 10x Au(91)  Converter: 
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[
\begin{array}{c|c}
1 & 80 K \\
2 & 0 \\
5 & 0 \\
7 & 35 K \\
\end{array}
\]
Time end: 09:56  Number of events: 14 31
Data quality (circle one): good/junk
Comments:

Production, end of run failed

PrimEx-II Run Sheet, Run Number: 64769
Date: 10/26  Time start: 10:11  Shift Persons: A.Dean / M. Ito
Electron beam current: 41 mA  MOR rate: 18.4 kHz  PS rate: 290 kHz
DAQ rate: 4.0 kHz  Live time: 91.7
tTarget: 10% V0 Si
Radiator: 10x Au(91)  Converter: 
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[
\begin{array}{c|c}
1 & 50 K \\
2 & 0 \\
5 & 0 \\
7 & 35 K \\
\end{array}
\]
Time end: 11:20  Number of events: 13 01
Data quality (circle one): good/junk
Comments:

Production
PrimEx-II Run Sheet, Run Number: 64770
Date: 10/15 Time start: 1:21 Shift Persons: A. Deur/M. Ha
Electron beam current: 39 mA MOR rate: 19.1 kHz PS rate: 294 kHz
DAQ rate: 4.0 kHz Live time: 47% (DAQ time-based)
Radiator: 10^{-4} Au Converter: out Target: 100% Xe Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 50K
2 0
3 0
4 35K
Time end: 12:17 Number of events: 16114
Data quality (circle one): good/junk Comments:

PrimEx-II Run Sheet, Run Number: 64771
Date: 10/25 Time start: 13:18 Shift Persons: A. Deur/M. Ha
Electron beam current: 31 mA MOR rate: 20 kHz PS rate: 294 kHz
DAQ rate: 4.0 kHz Live time: 98% (DAQ time-based)
Radiator: 10^{-4} Au Converter: out Target: 100% Xe Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 50K
2 0
3 0
4 35K
Time end: 13:34 Number of events: 18792
Data quality (circle one): good/junk Comments:

PrimEx-II Run Sheet, Run Number: 64772
Date: 10/25 Time start: 13:30 Shift Persons: A. Deur/M. Ha
Electron beam current: 31 mA MOR rate: 20 kHz PS rate: 294 kHz
DAQ rate: 4.0 kHz Live time: 98% (DAQ time-based)
Radiator: 10^{-4} Au Converter: out Target: 100% Xe Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 50K
2 0
3 0
4 35K
Time end: 14:10 Number of events: 1719
Data quality (circle one): good/junk Comments:
### PrimEx-II Run Sheet, Run Numbers: 64773, 64774

**Date:** 10/25  
**Time start:** 14:31  
**Shift Persons:** A. Deur / M. Ish

**Electron beam current:** 95 mA  
**MOR rate:** 202 kHz  
**PS rate:** 293 kHz

**DAQ rate:** 3.9 kHz  
**Live time:** 92 s

**Radiator:** 10.4 m A  
**Converter:** 2.5 m

**TAC (circle one):** in/out

**Enabled Triggers**  
**Prescale Factor**

| 1 |  
|---|---|
| 2 |  
| 3 |  

**Data quality (circle one):** good/junk  
**Comments:**

---

### PrimEx-II Run Sheet, Run Number: 64774

**Date:** 10/25  
**Time start:** 16:31  
**Shift Persons:** A. Deur / M. Ish

**Electron beam current:** 91 mA  
**MOR rate:** 20.3 MHz  
**PS rate:** 299 kHz

**DAQ rate:** 4.0 kHz  
**Live time:** 92 s

**Radiator:** 10.4 m A  
**Converter:** 2.5 m

**TAC (circle one):** in/out

**Enabled Triggers**  
**Prescale Factor**

| 1 |  
|---|---|
| 2 |  
| 3 |  

**Data quality (circle one):** good/junk  
**Comments:**

---

### PrimEx-II Run Sheet, Run Number: 67773

**Date:**  
**Time start:**  

**Electron beam current:**  
**MOR rate:**  
**PS rate:**

**DAQ rate:**  
**Live time:**

**Radiator:**  
**Converter:**

**TAC (circle one):** in/out

**Enabled Triggers**  
**Prescale Factor**

| 1 |  
|---|---|
| 2 |  
| 3 |  

**Data quality (circle one):** good/junk  
**Comments:**

---

Short prod run
PrimEx-II Run Sheet, Run Number:

Date: ______  Time start: ______  Shift Persons: ______  PS rate: ______
Electron beam current: ______  MOR rate: ______  (DAQ 100kHz based)
DAQ rate: ______  Live time: ______
Radiator: ______  Converter: ______  Target: ______
TAC (circle one): in/out 
Enabled Triggers  Prescale Factor

Time end: ______  Number of events: ______
Data quality (circle one): good/junk
Comments: ______

please give HYCAL rate ______ kHz

LMS Run

PrimEx-II Run Sheet, Run Number: 64777

Date: ______  Time start: ______  Shift Persons: ______  PS rate: ______
Electron beam current: ______  MOR rate: ______  (DAQ 100kHz based)
DAQ rate: ______  Live time: ______
Radiator: ______  Converter: ______  Target: ______
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end: ______  Number of events: 23K
Data quality (circle one): good/junk
Comments: ______

HYCAL rate ______ kHz

PrimEx-II Run Sheet, Run Number: 64778

Date: 10/25  Time start: 15:49  Shift Persons: A.Dear/1.Tito
Electron beam current: ______  MOR rate: 202 MHz  PS rate: ______
DAQ rate: ______  Live time: ______ (DAQ 10kHz based)
Radiator: ______  Converter: ______  Target: 10% Xasi
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

1  5kHz  0
2  0
3  3.5kHz  0
4  0
Time end: 17:10  Number of events: 225M
Data quality (circle one): good/junk
Comments:

HYCAL rate 40 kHz

T#0 is on. Production run
PrimEx-II Run Sheet, Run Number: 64779
Date: 10/25  Time start: 17:19  Shift Persons: H. Lu / H. Kang
Electron beam current: 90 nA  MOR rate: 243  PS rate: 994 kHz
DAQ rate: 39 kHz  Live time: 89%  (DAQ 100 kHz based)
Radiator: 10° Au  Converter: 10° Au  Target: 10° Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

1 50K
2 0
5 0
7 3.5K
Time end: 18:49  Number of events: 23.0 M
Data quality (circle one): good / junk
Comments: production

---

PrimEx-II Run Sheet, Run Number: 64780
Date: 10/25  Time start: 18:50  Shift Persons: H. Lu / H. Kang
Electron beam current: 90 nA  MOR rate: 200  PS rate: 287 kHz
DAQ rate: 8.7 kHz  Live time: 89%  (DAQ 100 kHz based)
Radiator: 10° Au  Converter: 10° Au  Target: 10° Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

1 50K
2 0
5 0
7 3.5K
Time end: 19:45  Number of events: 15.4 M
Data quality (circle one): good / junk
Comments: production

---

PrimEx-II Run Sheet, Run Number: 64781
Date: ______ Time start: ______  Shift Persons: ______
Electron beam current: ______  MOR rate: ______  PS rate: ______
DAQ rate: ______  Live time: ______  (DAQ 100 kHz based)
Radiator: ______  Converter: ______  Target: ______
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

________  ______
________  ______
________  ______
Time end: ______  Number of events: ______
Data quality (circle one): good / junk
Comments: LMS run
PrimEx-II Run Sheet, Run Number: 64782
Date: 10/25/10 Time start: 19:56 Shift Persons: H. Lu / H. Kang
Electron beam current: 900 nA MOR rate: 1.00 PS rate: 287
DAQ rate: 4.3 kHz Live time: 92.9% (DAQ 100 kHz based)
Radiator: 1.0 m Au Converter: 0.25 m Target: 170 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 0
2 0
5 0
7 2.5 K
Time end: 20:38 Number of events: 10,817
Data quality (circle one): good/junk
Comments:

Production

PrimEx-II Run Sheet, Run Number: 64783
Date: 10/25/10 Time start: 19:56 Shift Persons: H. Lu / H. Kang
Electron beam current: 900 nA MOR rate: 1.00 PS rate: 287
DAQ rate: 4.3 kHz Live time: 92.9% (DAQ 100 kHz based)
Radiator: 1.0 m Au Converter: 0.25 m Target: 170 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor

HyCAl rate kHz

Data quality (circle one): good/junk
Comments:

LNS run

PrimEx-II Run Sheet, Run Number: 64784
Date: 10/25/10 Time start: 20:45 Shift Persons: H. Lu / H. Kang
Electron beam current: 900 nA MOR rate: 1.49 PS rate: 292 K
DAQ rate: 4.0 kHz Live time: 91% (DAQ 100 kHz based)
Radiator: 1.0 m Au Converter: 0.25 m Target: 170 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50 K
2 0
5 0
7 2.5 K
Time end: 22:44 Number of events: 21,321
Data quality (circle one): good/junk
Comments:

production run
PrimEx-II Run Sheet, Run Number: 64803
Date: 10/26 Time start: 3:52 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 201 PS rate: 2.6 kHz
DAQ rate: 4.3 Live time: 93%
Converter: out
Target: 10.5 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 50 k
T2 0
T5 0
T7 3500
Time end: 5:01 am Number of events: 20.1 M
Data quality (circle one): good/junk
Comments: 

production T10 on

please give HYCAL rate
4.0 kHz

PrimEx-II Run Sheet, Run Number: 64804
Date: 10/26 Time start: 5:05 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 198 PS rate: 301 kHz
DAQ rate: 3.7 kHz Live time: 98% (DAQ 100 kHz based)
Converter: out
Target: 10.5 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 50 k
T2 0
T5 0
T7 3500
Time end: 6:19 am Number of events: 21.1 M
Data quality (circle one): good/junk
Comments: 

production T10 on

HYCAL rate
4.0 kHz

PrimEx-II Run Sheet, Run Number: 64808
Date: 10/26 Time start: 6:33 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 197 PS rate: 2.94 kHz
DAQ rate: 3.3 kHz Live time: 91%
Converter: out
Target: 10.5 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 50 k
T2 0
T5 0
T7 3500
Time end: 7:15 am Number of events: 9.7 M
Data quality (circle one): good/junk
Comments: 

production T10 on

HYCAL rate
3.9 kHz
PrimEx-II Run Sheet, Run Number: 64809
Date: 10/26 Time start: 7:36 a.m. Shift Persons: O. Korsikov, A. Sidnikov
Electron beam current: 90 A MOR rate: 204 PS rate: 293 kHz
DAQ rate: 3.9 kHz Live time: 917.
Radiator: 10^-4 A Converter: 0 kT Target: 10 ft.
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c|c}
T1 & 50k \\
T2 & 0 \\
T3 & 0 \\
S & 3000 \\
\end{array} \]

Time end: 08:10 Number of events: 7.8M
Data quality (circle one): good/junk
Comments: production, T10 on

please give HYCAL rate 4.0 kHz

PrimEx-II Run Sheet, Run Number: 64810 - 64824
Date: 10/26/10 Time start: 9:00 a.m. Shift Persons: M. Ito, I. Larin
Electron beam current: 120 A MOR rate: 0 PS rate: 0
DAQ rate: __ Live time: 98% (DAQ 100kHz based)
Radiator: __ Converter: _ Target: __
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 16:00 Number of events: __
Data quality (circle one): good/junk
Comments: LMS runs

PrimEx-II Run Sheet, Run Number: 64888
Date: Time start: ______ Shift Persons: ______
Electron beam current: ______ MOR rate: ______ PS rate: ______
DAQ rate: ______ Live time: 99% (DAQ 100kHz based)
Radiator: ______ Converter: ______ Target: ______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: ______ Number of events: ______
Data quality (circle one): good/junk
Comments: cosmic run

Hy Cal rate 0.008 kHz

PrimEx-II Run Sheet, Run Number: 64831
Date: 10/26/10  Time start: 17:30  Shift Persons: H. Lu/H. Kang
Electron beam current: OnA  MOR rate: PS rate:
DAQ rate: Live time: (DAQ 100kHz based)
Radiator: Converter: Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 17:32  Number of events: 
Data quality (circle one): good/junk
Comments: 

please give Hycal rate kHz

---

PrimEx-II Run Sheet, Run Number: 64832
Date: 10/26/10  Time start: 17:33  Shift Persons: 
Electron beam current:  MOR rate: PS rate: 
DAQ rate: Live time: (DAQ 100kHz based)
Radiator: Converter: Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 17:35  Number of events: 
Data quality (circle one): good/junk
Comments: 

DAQ test run

---

PrimEx-II Run Sheet, Run Number: 64835
Date: 10/26/10  Time start: 22:38  Shift Persons: H. Lu/H. Kang
Electron beam current: 9.9nA  MOR rate: 198 PS rate: 85
DAQ rate: 4.7kHz Live time: 88%  (DAQ 10kHz based)
Radiator: 10^4 Au Converter:  Target: 10% S:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[
\begin{array}{c}
1 \\
2 \\
5 \\
7 \\
50k \\
0 \\
0 \\
350k
\end{array}
\]

Time end: 00:00  Number of events: 23.6 M
Data quality (circle one): good/junk
Comments: 

production run

---
PrimEx-II Run Sheet, Run Number: 64836
Date: 10/27 Time start: 12:10 am
Shift Persons: O. Kosiouk, A. Sitnikov
Electron beam current: 90 μA
MOR rate: 199
PS rate: 2.99 kHz
DAQ rate: 4.6 kHz
Live time: 92.7%
Target: 10%
TAC (circle one): in/out
Converter: out
Enabled Triggers Prescale Factor
T1: 50k
T2: 0
T3: 0
T4: 3500
Time end: 1:27 am
Number of events: 18.1
Data quality (circle one): good/junk
Comments:
production T10 on
raised number of ctr @ LMS stage

PrimEx-II Run Sheet, Run Number: 64837
Date: 10/27 Time start: 1:27 am
Shift Persons: O. Kosiouk, A. Sitnikov
Electron beam current: 90 μA
MOR rate: 201
PS rate: 19.8 kHz
DAQ rate: 4.3 kHz
Live time: (DAQ 100kHz based)
Target: 10.1 Si
TAC (circle one): in/out
Converter: out
Enabled Triggers Prescale Factor
T1: 50k
T2: 0
T3: 0
T4: 3500
Time end: 2:50 am
Number of events: 22.8
Data quality (circle one): good/junk
Comments:
production, T10 on 2MS phase has 5k events

PrimEx-II Run Sheet, Run Number: 64838
Date: 10/27 Time start: 2:54 am
Shift Persons: O. Kosiouk, A. Sitnikov
Electron beam current: 90 μA
MOR rate: 201
PS rate: 2.96 kHz
DAQ rate: 4.3 kHz
Live time: 91%
Target: 10.1 Si
TAC (circle one): in/out
Converter: out
Enabled Triggers Prescale Factor
T1: 50k
T2: 0
T3: 0
T4: 3500
Time end: 4:11 am
Number of events: 20.5 M
Data quality (circle one): good/junk
Comments:
production, T10 on, 2MS phase has 1k events now
Online log book crashed.

Run 64836:
1. MOR rate: 19.7 MHz
2. PS rate: 296 kHz
3. Collimators: 12.7 mm @ 2.965
4. Radiator: 10^-4 Au
5. Tagger magnet: 1928.7 A / -1.556 T
6. PS magnet: -3184 A / -1.98 T
7. T10 on
8. TAC: 250 mm
9. Run stopped because no beam for more than 15 min.

Run 64837:
1. MOR rate: 19.8 MHz
2. PS rate: 307 kHz
3. Collimators: 12.7 mm @ 2.965
4. Radiator: 10^-4 Au
5. Tagger magnet: 1928.7 A / -1.556 T
6. PS magnet: -3184 A / -1.98 T
7. T10 on
8. TAC: 250 mm
9. LMS phase has 5 k events
   (will change it back to 1 k)

2:38 PS magnet shunt went on, muted after checking that everything OK.
That alarm may be due to beam position fluctuation ±0.4 mm. Beam might have hit some PS magnet electronics and triggered the alarm.

Run 64838:

ZMS phase has 1000 events now. Seems like ZMS phase is delayed. We could see ZMS flashes (ν3) after ~20 sec after run started.

Mom rate: 19.8 MHz
PS rate: 285 kHz
Collimator: 12.7 mm @ 2.965
Radiator: 10⁻⁶ Au
Tagger magnet: 1028 Å/1.556 T
PS magnet: -3184 Å/1.98 T
T10 on;
TAC: 250 mm

We observed short fluctuation in beam position (~10 mm) & position and ~2 mm in Xpos.
PS Magnet alarm was quiet.
PrimEx-II Run Sheet, Run Number: 64839
Date: 10/27 Time start: 4:14am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90mA MOR rate: 200 PS rate: 297 kHz
DAQ rate: 4.4 kHz, Live time: 93% (DAQ 100kHz based)
Radiator: 10° An, Converter: 107.8
Target: 107.8
TAC (circle one): in/out
Enabled Triggers: Prescale Factor

50k
0
1000

Time end: 5:25am Number of events: 20.1
Data quality (circle one): good/junk
Comments:

Production, T10 on, ZMS 1k events

PrimEx-II Run Sheet, Run Number: 64840
Date: 10/27 Time start: 5:27am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90mA MOR rate: 195 PS rate: 301 kHz
DAQ rate: 4.2 kHz, Live time: 92% (DAQ 100kHz based)
Radiator: 10° An, Converter: 107.8
Target: 107.8
TAC (circle one): in/out
Enabled Triggers: Prescale Factor

50k
0
3500

Time end: 6:40am Number of events: 20.0
Data quality (circle one): good/junk
Comments:

Production, T10 on, ZMS 1k events

PrimEx-II Run Sheet, Run Number: 64841
Date: 10/27 Time start: 6:43am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90mA MOR rate: 198 PS rate: 284 kHz
DAQ rate: 4.4 kHz, Live time: 92% (DAQ 100kHz based)
Radiator: 10° An, Converter: 107.8
Target: 107.8
TAC (circle one): in/out
Enabled Triggers: Prescale Factor

50k
0
3500

Time end: 8:00 Number of events: 20.2
Data quality (circle one): good/junk
Comments:

Production, T10 on, ZMS 1k events
Run 64839:
MOR rate: 19.7 MHz
PS rate: 301 kHz
Collimator: 12.7 mm @ 2.965
Radiator: 10^{-4} Au
Tagger magnet: 1928.7 A/ -1.556 T
PS magnet: -3184 A/ -1.88 T
T10 on
TAC: -250 mm
pg-profile X/Y: 2.037 mm/ -7.59 mm (primer gamma profile window data)
T16-left - no counts
PS Magnet alarm sounded; Everything was OK (4:50 am)
When beam trips we can see fluctuation in beam position X/Y ~ (±3) mm
Run 69840:

MOR rate: 19.3 MHz
PS rate: 292 MHz
Collimator: 12.7 mm @ 2.965
Radiation: \(10^{-4}\) Au
Tagger magnet: \(1028.7\,\text{A} / -1.556\,\text{T}\)
PS magnet: \(-3184\,\text{A} / -1.98\,\text{T}\)
T10 on
TAC: -250. mm

pg-profile X/Y: \(5.14\,\text{mm} / -7.73\,\text{mm}\) (primary gamma profile)

Run 69841:

MOR rate: 19.8 MHz
PS rate: 293 kHz
Collimator: 12.7 mm @ 2.965
Radiation: \(10^{-4}\) Au
Tagger magnet: \(1028.7\,\text{A} / -1.556\,\text{T}\)
PS magnet: \(-3184\,\text{A} / -1.98\,\text{T}\)
T10 on
TAC: -250. mm

pg-profile X/Y: \(5.14\,\text{mm} / -7.73\,\text{mm}\) (primary gamma profile)
PrimEx-II Run Sheet, Run Number: 64942
Date: 10/17 Time start: 8:01 Shift Persons: A.D., A.D.
Electron beam current: 93 mA MOR rate: 20.3 kHz PS rate: 290 kHz
DAQ rate: 4.1 kHz Live time: 517 sec
Radiator: 10.4 kV Converter: Off Target: 10% Xe 81%
TAC (circle one): In/Out Enabled Triggers Prescale Factor
1 50 k
2 0
5 0
7 0
Time end: 09:18 Number of events: 20.1 M
Data quality (circle one): good/junk
Comments: Production Higher for this run (beam position & trigger beam spot changed).

---

PrimEx-II Run Sheet, Run Number: 64944
Date: 10/17 Time start: 11:45 Shift Persons: A.D., A.D.
Electron beam current: 93 mA MOR rate: 20.3 kHz PS rate: 290 kHz
DAQ rate: 3.8 kHz Live time: 92 sec
Radiator: 10.4 kV Converter: Off Target: 10% Xe 81%
TAC (circle one): In/Out Enabled Triggers Prescale Factor
1 50 k
2 0
5 0
7 0
Time end: 11:30 Number of events: 1.7 M
Data quality (circle one): good/junk
Comments: Short Production, Beam off & stopped run early.

---

PrimEx-II Run Sheet, Run Number: 64945
Date: 10/17 Time start: 11:45 Shift Persons: A.D.
Electron beam current: MOR rate: 20.3 kHz PS rate: 290 kHz
DAQ rate: 3.8 kHz Live time: 92 sec
Radiator: 10.4 kV Converter: Off Target: 10% Xe 81%
TAC (circle one): In/Out Enabled Triggers Prescale Factor
1 50 k
2 0
5 0
7 0
Time end: 12:53 Number of events: 18.7 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64846
Date: 10/27 Time start: 10:58 Shift Persons: A-Deur/M-Ito
Electron beam current: 30 mA MOR rate: 19.5 kHz PS rate: 236 kHz
DAQ rate: 3.4 kHz Live time: 93.7
Radiator: 104 K Converter: off Target: 10% Xo 5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1  50K
2  0
5  0

Time end: 14:07 Number of events: 1781
Data quality (circle one): good/junk
Comments:

Production

PrimEx-II Run Sheet, Run Number: 64947
Date: 10/27 Time start: 14:09 Shift Persons: A-Deur/M-Ito
Electron beam current: 40 mA MOR rate: 19.5 kHz PS rate: 236 kHz
DAQ rate: 3.4 kHz Live time: 93.7
Radiator: 104 K Converter: off Target: 10% Xo 5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1  50K
2  0
5  0

Time end: 15:23 Number of events: 181
Data quality (circle one): good/junk
Comments:

Production

PrimEx-II Run Sheet, Run Number: 64848
Date: 10/27 Time start: 16:40 Shift Persons: A-Deur/M-Ito
Electron beam current: 70 mA MOR rate: 2.4 kHz PS rate: 
DAQ rate: 64 K Live time: 
Radiator: 64 K Converter: our Target: out
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 
Number of events: 
Data quality (circle one): good/junk
Comments:

---------
PrimEx-II Run Sheet, Run Number: 64849
Electron beam current: 9.6 nA MOR rate: 19.9 MHz PS rate: 18329 kHz
DAQ rate: 2.7 kHz Live time: 91%
Radiator: 10^8 Au Converter: out Target: 10^7 Si
TAC (circle one): in/out -2500 Enabled Triggers Prescale Factor
1 50 K
2
5
7 3500
Time end: 18:34 Number of events: 20.1 M
Data quality (circle one): Good/Junk
Comments:

------------------------------

PrimEx-II Run Sheet, Run Number: 64850
Date: 10/27 Time start: 18:37 Shift Persons: H. Liu / H. Kang
Electron beam current: 9.6 nA MOR rate: 19.7 MHz PS rate: 18329 kHz
DAQ rate: 2.7 kHz Live time: 91%
Radiator: 10^8 Au Converter: out Target: 10^7 Si
TAC (circle one): in/out -2500 Enabled Triggers Prescale Factor
1 80 K
2
5
7 3500
Time end: 18:42 Number of events: 1.1 M
Data quality (circle one): Good/Junk
Comments:

------------------------------

PrimEx-II Run Sheet, Run Number: 64851
Date: 10/27 Time start: 19:54 Shift Persons: H. Liu / H. Kang
Electron beam current: 10 nA MOR rate: 29 MHz PS rate: 18329 kHz
DAQ rate: 1.2 kHz Live time: 97%
Radiator: 10^8 Au Converter: out Target: 10^7 Si
TAC (circle one): in/out -2500 Enabled Triggers Prescale Factor
1 50 K
2
5
7 3500
Time end: 20:01 Number of events: 0.6 M
Data quality (circle one): Good/Junk
Comments:

------------------------------

test run
PrimEx-II Run Sheet, Run Number: 64852
Date: 06/21/10 Time start: 20:05 Shift Persons: H. Lu / H. Kang
Electron beam current: 90nA MOR rate: 19.7 MHz HYCAL rate: 3.68 kHz
PS rate: 293 kHz DAQ rate: 3.8 kHz DAQ Live time: 91%
Radiator: 15" Au Converter: out Target: 10%
TAC (circle one): in/out: 250
Enabled Triggers Prescale Factor
1 50,000
2 0
7 3500
Time end: 20:38 Number of events: 7.7 M
Data quality (circle one): good/junk
Comments: Production run

PrimEx-II Run Sheet, Run Number: 64853
Date: 06/23/10 Time start: 20:46 Shift Persons: H. Lu / H. Kang
Electron beam current: 90nA MOR rate: 19.4 MHz HYCAL rate: 3.57 kHz
PS rate: 287 kHz DAQ rate: 4.0 kHz DAQ Live time: 89%
Radiator: 15" Au Converter: out Target: 10%
TAC (circle one): in/out: 250
Enabled Triggers Prescale Factor
1 50K
2 0
7 3500
Time end: 20:57 Number of events: 2.8 M
Data quality (circle one): good/junk
Comments: Test run

PrimEx-II Run Sheet, Run Number: 64854
Date: 06/27/10 Time start: 21:05 Shift Persons: H. Lu / H. Kang
Electron beam current: 90nA MOR rate: 19.6 MHz HYCAL rate: 3.7 kHz
PS rate: 285 kHz DAQ rate: 3.7 kHz DAQ Live time: 91%
Radiator: 15" Au Converter: out Target: 10%
TAC (circle one): in/out: 250
Enabled Triggers Prescale Factor
1 50K
2 0
7 3500
Time end: 21:24 Number of events: 17 M
Data quality (circle one): good/junk
Comments: Production run, end run failed
PrimEx-II Run Sheet, Run Number: 64855
Electron beam current: 40 nA  MOR rate:  HCYAL rate:  
PS rate:  DAQ rate:  DAQ Live time:
Radiator: 10^4 Au  Converter:  Target: 10% Si
TAC (circle one): in/out  
Enabled Triggers  Prescale Factor
5
1  0  0  3500

Time end:  
Number of events:  
Data quality (circle one):  
Comments:  production run  JUNK

---

PrimEx-II Run Sheet, Run Number: 64856
Electron beam current: 90 nA  MOR rate: 19.5 MHz  HCYAL rate: 3.7 kHz
PS rate: 29 kHz  DAQ rate:  DAQ Live time: 98%
Radiator: 10^4 Au  Converter:  Target: 10% Si
TAC (circle one): in/out  
Enabled Triggers  Prescale Factor
5
1  0  0  3500

Time end: 12:12 am  Number of events:  20.2 M
Data quality (circle one):  
Comments:  production run

---

PrimEx-II Run Sheet, Run Number: 64857
Date: 10/28  Time start: 12:30am  Shift Persons: O. Koslov, A. Sinikov
Electron beam current: 90 nA  MOR rate: 201  HCYAL rate: 3.7 kHz
PS rate: 29.7 kHz  DAQ rate: 3.7 kHz  DAQ Live time: 92%
Radiator: 10^4 Au  Converter:  Target: 10% Si
TAC (circle one): in/out  
Enabled Triggers  Prescale Factor
5
1  0  0  3500

Time end: 1:45am  Number of events:  20.5 M
Data quality (circle one):  
Comments:  production run  T10 on
PrimEx-II Run Sheet, Run Number: 64858
Date: 10/28 Time start: 4:49 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 201 HYCAL rate: 3.8 kHz
PS rate: 29 kHz DAQ rate: 3.9 kHz DAQ Live time: 92%
Radiator: 10° Au Converter: __________ Target: 10° S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c} T1 \\ T2 \\ T5 \\ T7 \end{array} \begin{array}{c} 50 k \\ 0 \\ 0 \\ 3500 \end{array} \]
Time end: 3:05 am Number of events: 20.3 M
Data quality (circle one): good/junk
Comments: production, T10 a

PrimEx-II Run Sheet, Run Number: 64859
Date: 10/28 Time start: 3:08 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 191 HYCAL rate: 3.7 kHz
PS rate: 300 kHz DAQ rate: 3.9 kHz DAQ Live time: 92%
Radiator: 10° Au Converter: __________ Target: 10° S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c} T1 \\ T2 \\ T5 \\ T7 \end{array} \begin{array}{c} 50 k \\ 0 \\ 0 \\ 3500 \end{array} \]
Time end: 4:22 am Number of events: 20.0 M
Data quality (circle one): good/junk
Comments: production, T10 a

PrimEx-II Run Sheet, Run Number: 64860
Date: 10/28 Time start: 4:25 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 195 HYCAL rate: 3.8 kHz
PS rate: 289 kHz DAQ rate: 4.1 kHz DAQ Live time: 91%
Radiator: 10° Au Converter: __________ Target: 10° S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c} T1 \\ T2 \\ T5 \\ T7 \end{array} \begin{array}{c} 50 k \\ 0 \\ 0 \\ 3500 \end{array} \]
Time end: 5:43 am Number of events: 20.1 M
Data quality (circle one): good/junk
Comments: production, T10 a
PrimEx-II Run Sheet, Run Number: 64861
Date: 10/28 Time start: 5:46 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 196 HYCAL rate: 3.8 kHz
PS rate: 300 kHz DAQ rate: 4.2 kHz DAQ Live time: 90 h
Radiator: 10^4 AU Converter: — Target: 10 Ton
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{T_1}{T_2} = \frac{T_2}{T_3} = \frac{T_3}{T_4} = 50 \]
Time end: 7:09 am Number of events: 20.2 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64862
Date: 10/28 Time start: 7:12 am Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 90 nA MOR rate: 199 HYCAL rate: 3.8 kHz
PS rate: 240 kHz DAQ rate: 2.9 kHz DAQ Live time: 92 h
Radiator: 10^4 AU Converter: — Target: 10 Ton
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{T_1}{T_2} = \frac{T_2}{T_3} = \frac{T_3}{T_4} = 50 \]
Time end: 7:15 am Number of events: 707 k
Data quality (circle one): good/junk
Comments:

Beam is down for the beam line survey purpose

PrimEx-II Run Sheet, Run Number: 64869
Date: 11/28/10 Time start: 17:05 Shift Persons: H. Liu, H. Kang
Electron beam current: 40 nA MOR rate: 20.2 MHz HYCAL rate: 3.7 kHz
PS rate: 240 kHz DAQ rate: 16.36 kHz DAQ Live time: 9190
Radiator: 10^4 AU Converter: out Target: 10 Ton
TAC (circle one): in/out - 250
Enabled Triggers Prescale Factor
\[ \frac{T_1}{T_2} = \frac{T_2}{T_3} = \frac{T_3}{T_4} = 50 \]
Time end: 18:22 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

Production run
PrimEx-II Run Sheet, Run Number: 64864
Date: 07/38/16 Time start: 18:23 Shift Persons: H. Liu / J. Kang
Electron beam current: 90mA MOR rate: 20.1 kHz HYCAL rate: 28 kHz
PS rate: 305 kHz DAQ rate: 4.7 kHz DAQ Live time: 93%
Radiator: Si Converter: Target: 10%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 5K
2 8
5 3500
Time end: 19:38 Number of events: 206 M
Data quality (circle one): good / junk
Comments: production run

PrimEx-II Run Sheet, Run Number: 64865
Date: 07/38/16 Time start: 19:29 Shift Persons: H. Liu / J. Kang
Electron beam current: 90mA MOR rate: 20.4 kHz HYCAL rate: 28 kHz
PS rate: 305 kHz DAQ rate: 4.7 kHz DAQ Live time: 92%
Radiator: Si Converter: Target: 10%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 5K
2 8
5 3500
Time end: 21:05 Number of events: 24 M
Data quality (circle one): good / junk
Comments: production run

PrimEx-II Run Sheet, Run Number: 64866
Date: 07/38/16 Time start: 21:06 Shift Persons: H. Liu / J. Kang
Electron beam current: 90mA MOR rate: 19 kHz HYCAL rate: 37 kHz
PS rate: 275 kHz DAQ rate: 4.7 kHz DAQ Live time: 92%
Radiator: Si Converter: Target: 10%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 5K
2 8
5 3500
Time end: 23:07 Number of events: 20 M
Data quality (circle one): good / junk
Comments: production run
PrimEx-II Run Sheet, Run Number: 64867
Electron beam current: 90 mA MOR rate: 19.5 mHz HYCAL rate: 3.8 kHz
PS rate: 278 kHz DAQ rate: 6.6 kHz DAQ Live time: 93%
Radiator: 10° A 14° A 14° A Converter: out out Target: 10° A
TAC (circle one): in/out Enabled Triggers Prescale Factor

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 50</td>
<td></td>
</tr>
<tr>
<td>50 50</td>
<td></td>
</tr>
</tbody>
</table>

Time end: 23:40 Number of events: 22.6 M
Data quality (circle one): good/junk
Comments: Production run

---

PrimEx-II Run Sheet, Run Number: 64868
Electron beam current: 90 mA MOR rate: 19.9 mHz HYCAL rate: 3.9 kHz
PS rate: 291 kHz DAQ rate: 6.6 kHz DAQ Live time: 93%
Radiator: 10° A 14° A 14° A Converter: out out Target: 10° A
TAC (circle one): in/out Enabled Triggers Prescale Factor

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 50</td>
<td></td>
</tr>
<tr>
<td>50 50</td>
<td></td>
</tr>
</tbody>
</table>

Time end: 1:00 Number of events: 22.3 M
Data quality (circle one): good/junk
Comments: Production run

---

PrimEx-II Run Sheet, Run Number: 64869
Date: 10/29/10 Time start: 1:00 Shift Persons: P. Martine, S. Danogotes
Electron beam current: 90 mA MOR rate: 19.9 mHz HYCAL rate: 3.9 kHz
PS rate: 290 kHz DAQ rate: 6.6 kHz DAQ Live time: 93%
Radiator: 10° A 14° A 14° A Converter: out out Target: 10° A
TAC (circle one): in/out Enabled Triggers Prescale Factor

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 50</td>
<td></td>
</tr>
<tr>
<td>50 50</td>
<td></td>
</tr>
</tbody>
</table>

Time end: 2:15 Number of events: 20.4 M
Data quality (circle one): good/junk
Comments: Production run
PrimEx-II Run Sheet, Run Number: 6487

Date: 10/29 Time start: 2:15 Shift Persons: A. L. Steiner, S. Dangyan
Electron beam current: 52 mA MOR rate: 29.0 m HYCAL rate: 3.7 k
PS rate: 290 k DAQ rate: 3.0 k DAQ Live time: 20.7
Radiator: 16.1 m Converter: out Target: 151 m
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

\[ \frac{1}{5} \]
\[ \frac{2}{5} \]
\[ 0 \]
\[ 3.5 \]

Time end: 3:30 Number of events: 20.1 M
Data quality (circle one): good/junk
Comments: 

Production data

---

PrimEx-II Run Sheet, Run Number: 6487

Date: 10/29 Time start: 3:30 Shift Persons: A. L. Steiner, S. Dangyan
Electron beam current: 90 mA MOR rate: 20.3 m HYCAL rate: 2.7 k
PS rate: 290 k DAQ rate: 3.1 k DAQ Live time: 9.2
Radiator: 16.1 m Converter: out Target: 156.5 m
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

\[ \frac{1}{5} \]
\[ \frac{2}{5} \]
\[ 0 \]
\[ 3.5 \]

Time end: 4:14 Number of events: 26.0 M
Data quality (circle one): good/junk
Comments: 

Production data

---

PrimEx-II Run Sheet, Run Number: 6487

Date: 10/29 Time start: 4:15 Shift Persons: A. L. Steiner, S. Dangyan
Electron beam current: 90 mA MOR rate: 20.3 M HYCAL rate: 2.7 k
PS rate: 290 k DAQ rate: 3.0 k DAQ Live time: 9.0
Radiator: 16.1 m Converter: out Target: 156.5 m
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

\[ \frac{1}{5} \]
\[ \frac{2}{5} \]
\[ 0 \]
\[ 3.5 \]

Time end: 4:15 Number of events: 26.0 M
Data quality (circle one): good/junk
Comments: 

Production data
PrimEx-II Run Sheet, Run Number: 64823
Date: 10/19 Time start: 6:00 Shift Persons: R.Malek, S.Gruenberg
Electron beam current: 50 mA MOR rate: 12.8 s HYCAL rate: 3.9 K
PS rate: 7944 DAQ rate: 3.1 K DAQ Live time: 9053
Radiator: 100 kV Converter: --- Target: 10 3/5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
1 \\
2 \\
3 \\
\end{array}
\]
\[
\begin{array}{c}
5 \times K \\
0 \\
3500 \\
\end{array}
\]
Time end: 10:24 Number of events: 1.4 M
Data quality (circle one): good junk
Comments: Beam went away

---

PrimEx-II Run Sheet, Run Number: 64824
Date: 10/19 Time start: 6:15 Shift Persons: R.Malek, S.Gruenberg
Electron beam current: 20 mA MOR rate: 7.9 s HYCAL rate: 3.9 K
PS rate: 2944 DAQ rate: 3.0 K DAQ Live time: 9053
Radiator: 100 kV Converter: --- Target: 10 3/5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
1 \\
2 \\
3 \\
\end{array}
\]
\[
\begin{array}{c}
5 \times K \\
0 \\
3500 \\
\end{array}
\]
Time end: 7:30 Number of events: 200 K
Data quality (circle one): good junk
Comments: Production Data

---

PrimEx-II Run Sheet, Run Number: 64825
Date: 10/19 Time start: 7:30 Shift Persons: R.Malek, S.Gruenberg
Electron beam current: 90 mA MOR rate: 19.3 s HYCAL rate: 3.9 K
PS rate: 2854 DAQ rate: 3.0 K DAQ Live time: 9053
Radiator: 100 kV Converter: --- Target: 10 3/5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
1 \\
2 \\
3 \\
\end{array}
\]
\[
\begin{array}{c}
5 \times K \\
0 \\
3500 \\
\end{array}
\]
Time end: 9:33 Number of events: 12.1
Data quality (circle one): good junk
Comments: Production
PrimEx-II Run Sheet, Run Number: 64876
Date: 10/28 Time start: 08:46 Shift Persons: A. Deur, M. Krondrager
Electron beam current: 10.0 mA MOR rate: 4.5 kHz HYCAL rate: 2.9 kHz
PS rate: 20 Hz DAQ rate: 4.5 kHz DAQ Live time: 98%
Radiator: 10-4 Au Converter: out Target: 57 Fe
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50k
2 0
5 0
7 3.5k
Time end: 09:49 Number of events: 12,711
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64877
Date: 10/28 Time start: 09:50 Shift Persons: A. Deur, O. Kosins
Electron beam current: 10.0 mA MOR rate: 4.6 MHz HYCAL rate: 2.8 kHz
PS rate: 6 Hz DAQ rate: 5.0 kHz DAQ Live time: 98%
Radiator: 10-4 Au Converter: out Target: 57 Fe
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50k
2 0
5 0
7 3.5k
Time end: 10:51 Number of events: 12,617
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64878
Date: 10/28 Time start: 11:50 Shift Persons: A. Deur, O. Kosins
Electron beam current: 10.0 mA MOR rate: 4.6 MHz HYCAL rate: 2.9 kHz
PS rate: 20 Hz DAQ rate: 5.5 kHz DAQ Live time: 98%
Radiator: 10-4 Au Converter: out Target: 57 Fe
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 50k
T2 0
T5 0
T7 3.5k
Time end: 12:50 Number of events: 12,871
Data quality (circle one): good/junk
Comments:

(Particle run, T10 on, PS magnet power off)
PS magnet degaussing was done by hands
0 -> -3000(A)
~3000 -> 0
0 -> +1000
+3000 -> 0
PrimEx-II Run Sheet, Run Number: 64880
Date: 10/29 Time start: 12:52 Shift Persons: A. Deur, O. Kornieno
Electron beam current: 10 nA MOR rate: 4.4 MHz HYCAL rate: 2.9 kHz
PS rate: 10 kHz DAQ rate: 3 kHz DAQ Live time: 95.1%
Radiator: 10 nA Converter: out Target: 5.7 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1  50k
T2  0
T5  0
T4  3500
Time end: 1:48 Number of events: 12.2 M
Data quality (circle one): good junk
Comments:

PrimEx-II Run Sheet, Run Number: 64880
Date: 10/29 Time start: 1:50 Shift Persons: A. Deur, O. Kornieno
Electron beam current: 10 nA MOR rate: 4.6 MHz HYCAL rate: 3.0 kHz
PS rate: 8 kHz DAQ rate: 3 kHz DAQ Live time: 95.7%
Radiator: 10 nA Converter: out Target: 5.7 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1  50k
T2  0
T5  0
T4  3500
Time end: 2:46 Number of events: 12.3 M
Data quality (circle one): good junk
Comments:

PrimEx-II Run Sheet, Run Number: 64881
Date: 10/29 Time start: 2:42 PM Shift Persons: A. Deur, O. Kornieno
Electron beam current: 10 nA MOR rate: 4.4 MHz HYCAL rate: 2.9 kHz
PS rate: 6 kHz DAQ rate: 3.4 kHz DAQ Live time: 95.7%
Radiator: 10 nA Converter: out Target: 5.7 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1  50k
T2  0
T5  0
T4  3500
Time end: 3:47 Number of events: 12.7 M
Data quality (circle one): good junk
Comments:
PrimEx-II Run Sheet, Run Number: 64882
Date: 10/31 Time start: 14:49 Shift Persons: A. Deur/A. Kosinov
Electron beam current: 10 mA MOR rate: 4.6 kHz HYCAL rate: 2.9 kHz
PS rate: 12 Hz DAQ rate: 3.9 kHz DAQ Live time: 95%
Radiator: 10-4 Converter: out Target: 5%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50K
2 0
5 35K
Time end: 16:50 Number of events: 12.8 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64883
Date: 10/31 Time start: 16:52 Shift Persons: C. Salgado/E. Isupov
Electron beam current: 10 mA MOR rate: 4.7 kHz HYCAL rate: 3 kHz
PS rate: 20 Hz DAQ rate: 3.1 kHz DAQ Live time: 94%
Radiator: 10-4 Converter: out Target: 5%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50K
2 0
5 35K
Time end: 17:50 Number of events: 12.5 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64884
Date: 10/29 Time start: 17:52 Shift Persons: C. Salgado/E. Isupov
Electron beam current: 10 mA MOR rate: 4.7 kHz HYCAL rate: 200 Hz
PS rate: 74 Hz DAQ rate: 1.2 kHz DAQ Live time: 98%
Radiator: 10-4 Converter: out Target: EMPTY
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50K
2 0
5 35K
Time end: 18:50 Number of events: 4.2 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64885
Date: 10/29 Time start: 18:55 Shift Persons: C. Salgado / Isupov
Electron beam current: 50 nA MOR rate: 15.4 kHz HYCAL rate: 970 kHz
PS rate: 2.4 Hz DAQ rate: Converter: out DAQ Live time: 97%
Radiator: 10-4 Target: EMPTY
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \times 5 = \frac{5}{2} \]
Time end: 19:55 Number of events: 7.4M
Data quality (circle one): good/junk
Comments: Start at 50 nA and then went to 70 nA (HYCAL: 1.31 L1: 95%)

PrimEx-II Run Sheet, Run Number: 64886
Date: 10/29 Time start: 20:06 Shift Persons: C. Salgado / Isupov
Electron beam current: 90 nA MOR rate: 12.5 kHz HYCAL rate: 3.9 kHz
PS rate: 240 kHz DAQ rate: 3.9 kHz DAQ Live time: 91%
Radiator: 10-4 Converter: out Target: 1070 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \times 5 = \frac{5}{2} \]
Time end: 20:39 Number of events: 6.9M
Data quality (circle one): good/junk
Comments: lost CDA window (wouldn't get back)

PrimEx-II Run Sheet, Run Number: 64887
Date: 10/29 Time start: 20:41 Shift Persons: C. Salgado / Isupov
Electron beam current: 90 nA MOR rate: 17.9 kHz HYCAL rate: 4.2 kHz
PS rate: 293 kHz DAQ rate: 4.1 kHz DAQ Live time: 91%
Radiator: 10-4 Converter: out Target: 1070 Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \times 5 = \frac{5}{2} \]
Time end: 21:59 Number of events: 2.04M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64888
Date: 10/29 Time start: 21:58 Shift Persons: C. Salgado/ D. Puy
Electron beam current: 90 mA MOR rate: 19.7 kHz HYCAL rate: 4 kHz
PS rate: 2 kHz DAQ rate: 3.9 kHz DAQ Live time: 92%
Radiator: 16-4 Converter: out Target: 100% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{cccc}
1 & 2 & 5 & 7 \\
50K & 3.5K &  & \\
\end{array}
\]
Time end: 28:05 Number of events: 0.4M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64889
Date: 10/29 Time start: 03:10 Shift Persons: C. Salgado
Electron beam current: 90 mA MOR rate: 19.6 kHz HYCAL rate: 3.7 kHz
PS rate: 2 kHz DAQ rate: 4 kHz DAQ Live time: 92%
Radiator: 10-4 Converter: out Target: 100% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{cccc}
1 & 2 & 5 & 7 \\
50K & 3.5K &  & \\
\end{array}
\]
Time end: 07:24 Number of events: 20034528
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64890
Date: 10/30 Time start: 00:26 Shift Persons: R. Pedroni/ W. Phelps
Electron beam current: 90 mA MOR rate: 20 kHz HYCAL rate: 3.7 kHz
PS rate: 2 kHz DAQ rate: 4 kHz DAQ Live time: 91%
Radiator: 10-5 Converter: out Target: 100% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{cccc}
1 & 2 & 5 & 7 \\
10 & 50000 &  & \\
\end{array}
\]
Time end: 11:38 Number of events: 20071738
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64841
Date: 10-30 Time start: 01:41 Shift Persons: R Pedron, W Phelps
Electron beam current: 90.4 MA MOR rate: 201.1 kHz HCYCAL rate: 3.9 kHz
PS rate: 208 kHz DAQ rate: 3.9 kHz DAQ Live time: ~ 92%
Radiator: 1.10^2 Au Converter: 0 T Target: 105.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 0 0 0
2 0
5 3500
Time end: 02:54 Number of events: 16.25 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64842
Date: 10-30 Time start: 03:00 Shift Persons: R Pedron, W Phelps
Electron beam current: 90.4 MA MOR rate: 201.1 kHz HCYCAL rate: 3.9 kHz
PS rate: 200 kHz DAQ rate: 4 kHz DAQ Live time: ~ 92%
Radiator: 1.10^2 Au Converter: 0 T Target: 105.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 0 50000 0
2 0
5 3500
Time end: 04:18 Number of events: 20.25 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64843
Date: 10-30 Time start: 04:20 Shift Persons: R Pedron, W Phelps
Electron beam current: 90.4 MA MOR rate: 193.1 kHz HCYCAL rate: 3.9 kHz
PS rate: 208 kHz DAQ rate: 4 kHz DAQ Live time: ~ 91%
Radiator: 1.10^2 Au Converter: 0 T Target: 105.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 0 50000 0
2 0
5 3500
Time end: 05:34 Number of events: 30.3 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64894
Date: 10-30 Time start: 05:25 Shift Persons: P. Reiser, V. Phillips
Electron beam current: 90mA MOR rate: 19.8 MHz HYCAL rate: 3.9 kHz
PS rate: 249 kHz DAQ rate: 4.2 kHz DAQ Live time: 9176
Radiator: Jux An Converter: Out Target: 10963
TAC (circle one): in/out Enabled Triggers Prescale Factor
| 1 |
| 5 |
| 7 |
Time end: 06:56 Number of events: 2016
Data quality (circle one): good/junk
Comments: 3

PrimEx-II Run Sheet, Run Number: 64895
Date: ______ Time start: ______ Shift Persons: ______
Electron beam current: ______ MOR rate: ______ HYCAL rate: ______
PS rate: ______ DAQ rate: ______ DAQ Live time: ______
Radiator: ______ Converter: ______ Target: ______
TAC (circle one): in/out Enabled Triggers Prescale Factor
| ______ |
| ______ |
| ______ |
Time end: ______ Number of events: ______
Data quality (circle one): good/junk
Comments: Events may be good, but DAQ quit unexpectedly < 1 million events

PrimEx-II Run Sheet, Run Number: 64896
Date: 10-30 Time start: 07:34 Shift Persons: P. Reiser, V. Phillips
Electron beam current: 90mA MOR rate: 19.3 MHz HYCAL rate: 3.9 kHz
PS rate: 249 kHz DAQ rate: 4.2 kHz DAQ Live time: 9176
Radiator: Jux An Converter: Out Target: 10963
TAC (circle one): in/out Enabled Triggers Prescale Factor
| 1 |
| 5 |
| 7 |
Time end: 08:52 Number of events: 2016
Data quality (circle one): good/junk
Comments: Production
PrimEx-II Run Sheet, Run Number: 64899
Date: 10/30 Time start: 8:50 Shift Persons: R. A. K.
Electron beam current: 20 mA MOR rate: 20 Hz HYCAL rate: 4 Hz
PS rate: 2.5 Hz DAQ rate: 3.1 kHz DAQ Live time: 9:20
Radiator: on Converter: on Target: on
TAC (circle one): in/out
Enabled Triggers Prescale Factor
- 1
  5 x 5
  3 x 5
  0

Time end: 10:10 Number of events: 20,410
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64898
Date: 10/30 Time start: 9:55 Shift Persons: R. A. K.
Electron beam current: 25.5 mA MOR rate: 20 Hz HYCAL rate: 4 Hz
PS rate: 2.5 Hz DAQ rate: 3.1 kHz DAQ Live time: 9:20
Radiator: on Converter: on Target: on
TAC (circle one): in/out
Enabled Triggers Prescale Factor
- 1

Time end: 10:05 Number of events: 15,755
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64899
Date: 10/30 Time start: 13:50 Shift Persons: R. A. K.
Electron beam current: 20 mA MOR rate: 2.2 kHz HYCAL rate: 4 Hz
PS rate: 20 Hz DAQ rate: 800 Hz DAQ Live time: 9:20
Radiator: on Converter: on Target: on
TAC (circle one): out
Enabled Triggers Prescale Factor
- 1

Time end: 14:10 Number of events: 32,157
Data quality (circle one): good/junk
Comments: TAC Run
PrimEx-II Run Sheet, Run Number: 64903
Date: 10/30 Time start: 14:53 Shift Persons: A.M. A.K.
Electron beam current: 20 mA MOR rate: 2.7 kHz HYCAL rate: 
PS rate: 10 DAQ rate: 1 kHz DAQ Live time: 92.8 s
Radiator: 16.5 mm Converter: out Target: 108.8 s
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 16:00 Number of events:

Data quality (circle one): good/junk
Comments: 

PrimEx-II Run Sheet, Run Number: 64904
Date: 10/30 Time start: 14:53 Shift Persons: A.M. A.K.
Electron beam current: 20 mA MOR rate: 
PS rate: 10 DAQ rate: DAQ Live time: 
Radiator: 16.5 mm Converter: out Target: 108.8 s
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 

Number of events: 

Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64905
Date: 10/30 Time start: 16:58 Shift Persons: S.T./S.B.
Electron beam current: 90 mA MOR rate: 
PS rate: 10 DAQ rate: DAQ Live time: 
Radiator: 16.5 mm Converter: out Target: 108.8 s
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 17:08 Number of events:

Data quality (circle one): good/junk
Comments: DAQ crash
PrimEx-II Run Sheet, Run Number: 64906
Date: 10/30 Time start: 17:15 Shift Persons: S D S T
Electron beam current: 70 nA MOR rate: HYCAL rate:
PS rate: DAQ rate: 9 kHz DAQ Live time:
Radiator: 10-4 T4 Converter: Our Target: 104.5 T
TAC (circle one): in/out Enabled Triggers Prescale Factor

Time end: 26:28 Number of events:
Data quality (circle one): good/junk Comments:

PrimEx-II Run Sheet, Run Number: 64907
Date: 10/30 Time start: 14:29 Shift Persons: S T S T
Electron beam current: 90 nA MOR rate: 3 kHz HYCAL rate: 3 kHz
PS rate: DAQ rate: 2 kHz DAQ Live time: 9 kHz
Radiator: 10-4 T4 Converter: Our Target: 104.5 T
TAC (circle one): in/out Enabled Triggers Prescale Factor

Time end: 18:40 Number of events: 80 M
Data quality (circle one): Good/junk Comments:

PrimEx-II Run Sheet, Run Number: 64908
Date: 10/30 Time start: 19:41 Shift Persons: S D S T
Electron beam current: 90 nA MOR rate: 3 kHz HYCAL rate: 3 kHz
PS rate: DAQ rate: 2 kHz DAQ Live time: 9 kHz
Radiator: 10-4 T4 Converter: Our Target: 104.5 T
TAC (circle one): in/out Enabled Triggers Prescale Factor

Time end: 19:55 Number of events: 70.6 M
Data quality (circle one): Good/junk Comments:
PrimEx-II Run Sheet, Run Number: 6A 911
Date: 06/30 Time start: 21:16 Shift Persons: SD/ST
Electron beam current: 90 nA MOR rate: 9.7 MHz HYCAL rate: 4 kHz
PS rate: 29 kHz DAQ rate: 2.6 MHz DAQ Live time: 92%
Radiator: 10.4 mH Converter: — — Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\( \frac{1}{2} \) \( \times 10^{7} \)
\( \frac{2}{5} \) \( \times 10^{4} \)
Time end: 22:14 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 6A 911 (6A10 was aborted)
PrimEx-II Run Sheet, Run Number: 6A 911
Date: 00/30 Time start: 21:16 Shift Persons: SD/ST
Electron beam current: 90 nA MOR rate: 20.0 MHz HYCAL rate: 4 kHz
PS rate: 29 kHz DAQ rate: 2.6 MHz DAQ Live time: 97%
Radiator: 10.4 mH Converter: — — Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\( \frac{1}{2} \) \( \times 10^{7} \)
\( \frac{2}{5} \) \( \times 10^{4} \)
Time end: 22:14 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 6A 912
Date: 10/30 Time start: 22:28 Shift Persons: SD/ST
Electron beam current: 90 nA MOR rate: 9.7 MHz HYCAL rate: 29 kHz
PS rate: 29 kHz DAQ rate: 2.6 MHz DAQ Live time: 92%
Radiator: 10.4 mH Converter: — — Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\( \frac{1}{2} \) \( \times 10^{7} \)
\( \frac{2}{5} \) \( \times 10^{4} \)
Time end: 23:28 Number of events: 20 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64913
Date: 01/30 Time start: 23:40 Shift Persons: 50/ST
Electron beam current: 90 A MOR rate: 198 MHz HYCAL rate: 4.4 kHz
PS rate: 286 kHz DAQ rate: 474 kHz DAQ Live time: 92 s
Radiator: 0-4 m Converter: 10% Target: 50%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \times 10 \]
\[ \frac{3}{7} \times 5 \]
Time end: 00:16 Number of events: 78 k
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64914
Date: 01/31 Time start: 00:11 Shift Persons: P. Pedroni, W. Phelps
Electron beam current: 100 A MOR rate: 20.6 MHz HYCAL rate: 4.15 kHz
PS rate: 350 kHz DAQ rate: 500 kHz DAQ Live time: 91%
Radiator: 1.1 m Converter: 10% Target: 50%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \times 10 \]
\[ \frac{3}{7} \times 5 \]
\[ \frac{5}{8} \times 5 \]
Time end: 00:35 Number of events: 5701, 219
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 64915
Date: 02/01 Time start: 01:03 Shift Persons: P. Pedroni/W. Phelps
Electron beam current: 100 A MOR rate: 20.5 MHz HYCAL rate: 4.45 kHz
PS rate: 330 kHz DAQ rate: Converter: 10% Target: 50%
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{2} \times 10 \]
\[ \frac{3}{5} \times 6 \]
\[ \frac{2}{7} \times 5 \]
Time end: 02:15 Number of events: 2100, 5381
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64916
Date: _______ Time start: _______ Shift Persons: _______
Electron beam current: _______ MOR rate: _______ HYCAL rate: _______
PS rate: _______ DAQ rate: _______ DAQ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: _______ Number of events: _______ Data quality (circle one): good/junk
Comments: _______

PrimEx-II Run Sheet, Run Number: 64917
Date: 10/31 Time start: 02:38 Shift Persons: R Pedroni / W. Philp
Electron beam current: 100 mA MOR rate: 20.5 kHz HYCAL rate: 4.4 kHz
PS rate: 230 kHz DAQ rate: 61 kHz DAQ Live time: 91.70 s
Radiator: 10-4 Converter: _______ Target: 10 5.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 03:43 Number of events: 20,065,748 Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64918
Date: 10/31 Time start: 03:45 Shift Persons: R Pedroni / W. Philp
Electron beam current: 100 mA MOR rate: 20.5 kHz HYCAL rate: 4.4 kHz
PS rate: 230 kHz DAQ rate: 61 kHz DAQ Live time: 91.10 s
Radiator: 10-4 Converter: _______ Target: 10 5.5
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 04:51 Number of events: 20,049,908 Data quality (circle one): good/junk
Comments: Production
PrimEx-II Run Sheet, Run Number: 64919
Date: 10/31 Time start: 04:57 Shift Persons: R. Pedroni / W. Phelps
Electron beam current: 100 nA MOR rate: 20.4 kHz HYCAL rate: 4.1 kHz
PS rate: 315 kHz DAQ rate: 5.1 kHz DAQ Live time: 91.9
Radiator: 10 "O" Converter: ___________ Target: 10 % Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
50k 10 - 0
0
3500
Time end: 05: 38 Number of events: 20,096 537
Data quality (circle one): good / junk
Comments: 

PrimEx-II Run Sheet, Run Number: 64920
Date: 10/31 Time start: 05: 59 Shift Persons: R. Pedroni / W. Phelps
Electron beam current: 100 nA MOR rate: 20 kHz HYCAL rate: 4.1 kHz
PS rate: 315 kHz DAQ rate: 5.1 kHz DAQ Live time: 91.9
Radiator: 10 "O" Converter: ___________ Target: 10 % Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
50k 18 - 1
0
3500
Time end: 07: 06 Number of events: 20,074 432
Data quality (circle one): good / junk
Comments: 

PrimEx-II Run Sheet, Run Number: 64921
Date: 10/31 Time start: 07: 09 Shift Persons: R. Pedroni / W. Phelps
Electron beam current: 100 nA MOR rate: 20 kHz HYCAL rate: 4.1 kHz
PS rate: 300 kHz DAQ rate: 5.1 kHz DAQ Live time: 91.9
Radiator: 10 "O" Converter: ___________ Target: 10 % Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1
2
50k 10 - 0
0
3500
Time end: 07: 15 Number of events: 20,004
Data quality (circle one): good / junk
Comments: 
PrimEx-II Run Sheet, Run Number: 64921
Date: 10/31 Time start: 8:15 Shift Persons: A. Ilshimov, A. Kubarevsky
Electron beam current: 100 mA MOR rate: 20.2 kHz HCYCAL rate: 4.4 kHz
PS rate: 3.3 kHz DAQ rate: 3.2 kHz DAQ Live time: 91.32%
Radiator: 100 m Target: 109.3 m
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{5000} \quad \frac{2}{0} \quad \frac{3}{0} \quad \frac{4}{3500} \]
Time end: 10:35 Number of events: 28.4 M
Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64924
Date: 10/31 Time start: 10:35 Shift Persons: A. Ilshimov, A. Kubarevsky
Electron beam current: 100 mA MOR rate: 20.1 kHz HCYCAL rate: 4.5 kHz
PS rate: 3.3 kHz DAQ rate: 3.2 kHz DAQ Live time: 93.3%
Radiator: 100 m Target: 109.3 m
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{5000} \quad \frac{2}{0} \quad \frac{3}{0} \quad \frac{4}{3500} \]
Time end: 11:10 Number of events: 6 M
Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64925
Date: 10/31 Time start: 11:20 Shift Persons: A. Ilshimov, A. Kubarevsky
Electron beam current: 100 mA MOR rate: 20.1 kHz HCYCAL rate: 4.4 kHz
PS rate: 3.3 kHz DAQ rate: 3.2 kHz DAQ Live time: 94.3%
Radiator: 100 m Target: 109.3 m
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{5000} \quad \frac{2}{0} \quad \frac{3}{0} \quad \frac{4}{3500} \]
Time end: 12:14 Number of events: 28.1 M
Data quality (circle one): good/junk
Comments: Production
PrimEx-II Run Sheet, Run Number: 64926
Date: 10/31 Time start: 12:40 Shift Persons: P. Mistri, A. Kubrusly
Electron beam current: 1000 A MOR rate: 20.1 M HYCAL rate: 4.5 K
PS rate: 330 k DAQ rate: 4.9 K DAQ Live time: 90%
Radiator: 16-4 An Converter: 3500
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ll}
1 & 50 K \\
2 & 0 \\
5 & 3500 \\
\end{array}
\]
Time end: 1:50 Number of events: 20.0 M
Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64927
Date: 10/31 Time start: 13:50 Shift Persons: P. Mistri, A. Kubrusly
Electron beam current: 1000 A MOR rate: 20.1 M HYCAL rate: 4.5 K
PS rate: 330 k DAQ rate: 3.7 K DAQ Live time: 90%
Radiator: 16-4 An Converter: 3500
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ll}
1 & 50 K \\
2 & 0 \\
5 & 3500 \\
\end{array}
\]
Time end: 15:00 Number of events: 20.0 M
Data quality (circle one): good/junk
Comments: Production

PrimEx-II Run Sheet, Run Number: 64928
Date: 10/31 Time start: 15:00 Shift Persons: A.A. A.K.
Electron beam current: 1000 A MOR rate: 19.8 M HYCAL rate: 4.5 K
PS rate: 330 k DAQ rate: 3.6 K DAQ Live time: 90%
Radiator: 16-4 An Converter: 3500
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ll}
1 & 50 K \\
2 & 0 \\
5 & 3500 \\
\end{array}
\]
Time end: 6:00 Number of events: 20.1 M
Data quality (circle one): good/junk
Comments: Production
PrimEx-II Run Sheet, Run Number: 64429
Date: 10/31 Time start: 16:11 Shift Persons: LG/ST
Electron beam current: 100 nA MOR rate: 20 MHz HYCAL rate: 4.9 kHz
PS rate: 32 kHz DAQ rate: 4.8 kHz DAQ Live time: 89.7%
Radiator: 6-4 Converter: — Target: 100 Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1
2
3.5 K

Time end: 16:56 Number of events: 9.8 M
Data quality (circle one): good/junk
Comments: No beam for 18 ~ 50 minutes of run.

PrimEx-II Run Sheet, Run Number: 64430
Date: 10/31 Time start: 17:29 Shift Persons: LG/ST
Electron beam current: 100 nA MOR rate: 20 MHz HYCAL rate: 4.9 kHz
PS rate: 32 kHz DAQ rate: 4.8 kHz DAQ Live time: 91.7%
Radiator: 6-4 Converter: — Target: 15 Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1
2
3.5 K

Time end: 18:36 Number of events: 20.1 M
Data quality (circle one): good/junk
Comments: 

PrimEx-II Run Sheet, Run Number: 64431
Date: 10/31 Time start: 18:37 Shift Persons: ST/LG
Electron beam current: 100 nA MOR rate: 19.9 MHz HYCAL rate: 4.9 kHz
PS rate: 32 kHz DAQ rate: 4.8 kHz DAQ Live time: 91.6%
Radiator: 6-4 Converter: — Target: 100 Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1
2
3.5 K

Time end: 19:44 Number of events: 20.6 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64932
Date: 10/31 Time start: 10:40 Shift Persons: 16/55
Electron beam current: 100 nA MOR rate: 91 k/s HYCAL rate: 4.4 kHz
PS rate: DAQ rate: DAQ Live time: 91 k/s
Radiator: Converter: Target: 10 k/s
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{10} \]
\[ \frac{1}{10} \]
\[ 3 \] k
Time end: 20:25 Number of events: 10 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64933
Date: 10/31 Time start: 20:52 Shift Persons: 16/57
Electron beam current: 100 nA MOR rate: 21.9 M HYCAL rate: 4.4 kHz
PS rate: 25 kHz DAQ rate: 3 k/s DAQ Live time: 92 k/s
Radiator: Converter: Target: 10 k/s
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{10} \]
\[ \frac{1}{10} \]
\[ 3 \] k
Time end: 20 M Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64935
Date: 10/31 Time start: 22:13 Shift Persons: 16/57
Electron beam current: 100 nA MOR rate: 22.2 MHz HYCAL rate: 4.4 kHz
PS rate: 12 kHz DAQ rate: 4 kHz DAQ Live time: 88 k/s
Radiator: Converter: Target: 10 k/s
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \frac{1}{10} \]
\[ \frac{1}{10} \]
\[ 3 \] k
Time end: 25:21 Number of events: 20 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64936
Date: 10/31 Time start: 27:13 Shift Persons: LG/ST
Electron beam current: 100 nA MOR rate: 21 kHz HCYCAL rate: 4.5 kHz
PS rate: 27 kHz DAQ rate: 5 kHz DAQ Live time: 90%
Radiator: 10.4 m Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor  
\[
\begin{array}{c}
\frac{1}{2} \\
\frac{1}{2}
\end{array}
\]
Time end: 00:29 Number of events: 20099015
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64937
Date: 11/1/2010 Time start: 00:35 Shift Persons: R. Pedroni/W. Phelps
Electron beam current: 100 nA MOR rate: 22 kHz HCYCAL rate: 44 kHz
PS rate: 35 kHz DAQ rate: 5 kHz DAQ Live time: 91%
Radiator: 10.4 m Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor  
\[
\begin{array}{c}
50k \\
0 \\
0 \\
3500
\end{array}
\]
Time end: 01:46 Number of events: 20073990
Data quality (circle one): good/junk
Comments: Production C DAQ Crashed on End Run

PrimEx-II Run Sheet, Run Number: 64938
Date: 11/1/2010 Time start: 01:49 Shift Persons: R. Pedroni/W. Phelps
Electron beam current: 100 nA MOR rate: 22 kHz HCYCAL rate: 44 kHz
PS rate: 30 kHz DAQ rate: 5 kHz DAQ Live time: 91%
Radiator: 10.4 m Converter: Target: 10% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor  
\[
\begin{array}{c}
50k \\
0 \\
0 \\
3500
\end{array}
\]
Time end: 02:59 Number of events: 21122398
Data quality (circle one): good/junk
Comments: Production
<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number: 64939</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 11/1/2010 Time start: 03:02</td>
</tr>
<tr>
<td>Shift Persons: R. Pedroni / W. Phelps</td>
</tr>
<tr>
<td>Electron beam current: 100 mA</td>
</tr>
<tr>
<td>MOR rate: 22 MHz</td>
</tr>
<tr>
<td>HYCAL rate: 44 kHz</td>
</tr>
<tr>
<td>PS rate: 300 kHz DAQ rate: 5 kHz</td>
</tr>
<tr>
<td>DAQ Live time: 91%</td>
</tr>
<tr>
<td>Target: 10% Si</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers Prescale Factor</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>10 - 0</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>3500</td>
</tr>
<tr>
<td>Time end: 04:11</td>
</tr>
<tr>
<td>Number of events: 20,250,417</td>
</tr>
<tr>
<td>Data quality (circle one): good/junk</td>
</tr>
<tr>
<td>Comments:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number: 64940</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 11/1/2010 Time start: 04:14</td>
</tr>
<tr>
<td>Shift Persons: R. Pedroni / W. Phelps</td>
</tr>
<tr>
<td>Electron beam current: 100 mA</td>
</tr>
<tr>
<td>PS rate: DAQ rate:</td>
</tr>
<tr>
<td>DAQ Live time:</td>
</tr>
<tr>
<td>Target: 10% Si</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers Prescale Factor</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Time end:</td>
</tr>
<tr>
<td>Number of events:</td>
</tr>
<tr>
<td>Data quality (circle one): good/junk</td>
</tr>
<tr>
<td>Comments: DAQ Failure</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PrimEx-II Run Sheet, Run Number: 64941</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
</tr>
<tr>
<td>Time start:</td>
</tr>
<tr>
<td>Shift Persons: R. Pedroni / W. Phelps</td>
</tr>
<tr>
<td>Electron beam current:</td>
</tr>
<tr>
<td>PS rate: DAQ rate:</td>
</tr>
<tr>
<td>DAQ Live time:</td>
</tr>
<tr>
<td>Target:</td>
</tr>
<tr>
<td>TAC (circle one): in/out</td>
</tr>
<tr>
<td>Enabled Triggers Prescale Factor</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Time end:</td>
</tr>
<tr>
<td>Number of events:</td>
</tr>
<tr>
<td>Data quality (circle one): good/junk</td>
</tr>
<tr>
<td>Comments: DAQ Failure</td>
</tr>
</tbody>
</table>
PrimEx-II Run Sheet, Run Number: 64942
Date: 10/1/2010 Time start: __________ Shift Persons: R. Pedroni / W. Phelps
Electron beam current: __________ MOR rate: __________ HYCAL rate: __________
PS rate: __________ DAQ rate: __________ DAQ Live time: __________
Radiator: __________ Converter: __________ Target: __________
TAC (circle one): in/out
Enabled Triggers Prescale Factor

1

50k

10-1

7

260

Time end: __________ Number of events: __________
Data quality (circle one): good / junk
Comments: __________

---

PrimEx-II Run Sheet, Run Number: 64943
Date: 11/1/2010 Time start: __________ Shift Persons: R. Pedroni / W. Phelps
Electron beam current: 100 uA MOR rate: __________ HYCAL rate: 4.4 kHz
PS rate: 356 kHz DAQ rate: 5 kHz DAQ Live time: 91%
Radiator: 10-4 0 Converter: __________ Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor

1

50k

10-1

7

3500

Time end: 06:31 Number of events: 20127874
Data quality (circle one): good / junk
Comments: __________

---

PrimEx-II Run Sheet, Run Number: 64954
Date: 12/1/2010 Time start: __________ Shift Persons: R. Pedroni / W. Phelps
Electron beam current: __________ MOR rate: __________ HYCAL rate: __________
PS rate: __________ DAQ rate: __________ DAQ Live time: __________
Radiator: __________ Converter: __________ Target: __________
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 06:36 Number of events: 79293
Data quality (circle one): good / junk
Comments: __________

---

MCL Start Beam Tests for X 15 minutes
PrimEx-II Run Sheet, Run Number: 64945
Date: 11/10/94 Time start: 06:54 Shift Persons: R. Pedroni/W. Phelps
Electron beam current: 100 mA MOR rate: 2.2 MHz HYPAC rate: 44 kHz
PS rate: 350 kHz DAQ rate: 5.1 kHz DAQ Live time: 91%
Radiator: 10 cm Converter: 0 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 2 5 10 - 0 50k 3500
Time end: 08:00 Number of events: 20100918
Data quality (circle one): good/junk Comments: Production

PrimEx-II Run Sheet, Run Number: 64946
Date: 11/11/94 Time start: 8:04 Shift Persons: A. Deur/I. Lari
Electron beam current: 180 mA MOR rate: 2.2 MHz HYPAC rate: 44 kHz
PS rate: 322 kHz DAQ rate: 4.5 kHz DAQ Live time: 88.1
Radiator: 10 cm Converter: 0 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 2 5 3.5k
Time end: 9:18 Number of events: 20811
Data quality (circle one): good/junk Comments: Production

PrimEx-II Run Sheet, Run Number: 64947
Electron beam current: 150 mA MOR rate: 29.1 kHz HYPAC rate: 44 kHz
PS rate: 312 kHz DAQ rate: 5.0 kHz DAQ Live time: 80.81%
Radiator: 10 cm Converter: 0 Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 2 5 3.5k
Time end: 10:27 Number of events: 2021
Data quality (circle one): good/junk Comments:
PrimEx-II Run Sheet, Run Number: 64948 - 49.
Date: _______ Time start: _______ Shift Persons: _______
Electron beam current: _______ MOR rate: _______ HYCAL rate: _______
PS rate: _______ DAQ rate: _______ DAQ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

 _______ _______ _______ _______

Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: _______

daq. crash

PrimEx-II Run Sheet, Run Number: 64950
Date: 11/1/10 Time start: 10:37 Shift Persons: A. Deur / J. Lan
Electron beam current: 160 mA MOR rate: 22.0 kHz HYCAL rate: 4.1 kHz
PS rate: 32 kHz DAQ rate: 4.8 kHz DAQ Live time: 39.917
Radiator: 104 A Converter: _______ Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor

 _______ _______ _______ _______

Time end: 11:40 Number of events: 2031
Data quality (circle one): good/junk
Comments: _______
Production

PrimEx-II Run Sheet, Run Number: 64951
Date: 11/1/10 Time start: 11:47 Shift Persons: A. Deur / J. Lan
Electron beam current: 100 mA MOR rate: 21.3 kHz HYCAL rate: 4.4 kHz
PS rate: 22 kHz DAQ rate: 4.7 kHz DAQ Live time: 91.7
Radiator: _______ Converter: _______ Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor

 _______ _______ _______ _______

Time end: 12:55 Number of events: 2031
Data quality (circle one): good/junk
Comments: _______
Production
PrimEx-II Run Sheet, Run Number: 64952
Date: 11/01/10 Time start: 12:56 Shift Persons: A.Deur/I.Larin
Electron beam current: 4.4 mA MOR rate: 22 kHz HYCAL rate: 4.4 kHz
PS rate: 318 kHz DAQ rate: 4.8 kHz DAQ Live time: 191 Y
Radiator: ¹⁰⁴ Au Converter: our Target: ¹⁰⁷ Yb ⁶³ Ni
TAC (circle one): in/out
Enabled Triggers Prescale Factor
| 1 | 50k |
| 2 | 0   |
| 3 | 0   |
| 5 | 35k |

Time end: 14:06 Number of events: 1031
Data quality (circle one): good/junk
Comments: Production

---

PrimEx-II Run Sheet, Run Number: 64953
Date: 11/01/10 Time start: 14:42 Shift Persons: A.Deur/I.Larin
Electron beam current: 20 mA MOR rate: 6.0 kHz HYCAL rate: 2 kHz
PS rate: 5 kHz DAQ rate: 1 kHz DAQ Live time: 1
Radiator: ¹⁰⁴ Au Converter: 1.8 x 10⁻³ Target: our
TAC (circle one): in/out
Enabled Triggers Prescale Factor
| 1 | 30k |
| 2 | 0   |
| 3 | 35k |

Time end: 15:12 Number of events: __________
Data quality (circle one): good/junk
Comments: Junk run: ran for beam position monitoring by hyCal using Compton process.

---

PrimEx-II Run Sheet, Run Number: 64954
Date: 11/01/10 Time start: 14:49 Shift Persons: A.Deur/I.Larin
Electron beam current: 20 mA MOR rate: 6.0 kHz HYCAL rate: 32 kHz
PS rate: 5 kHz DAQ rate: 3.8 kHz DAQ Live time: 94 Y
Radiator: ¹⁰⁴ Au Converter: 1.8 x 10⁻³ Target: our
TAC (circle one): in/out
Enabled Triggers Prescale Factor
| 1 | 30k |
| 2 | 0   |
| 3 | 3.5k |

Time end: 15:18 Number of events: 6.4 M
Data quality (circle one): good/junk
Comments: Run for beam on hyCal using Compton
PrimEx-II Run Sheet, Run Number: 64955
Date: ______ Time start: _______ Shift Persons: _______ HYCAL rate: ______
Electron beam current: _______ MOR rate: _______ HYCAL rate: ______
PS rate: _______ DAQ rate: _______ DAQ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

__

__

Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: Test, No beam

---

PrimEx-II Run Sheet, Run Number: 64956—64958
Date: ______ Time start: _______ Shift Persons: _______ HYCAL rate: ______
Electron beam current: _______ MOR rate: _______ HYCAL rate: ______
PS rate: _______ DAQ rate: _______ DAQ Live time: _______
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor

__

__

Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: 

---

PrimEx-II Run Sheet, Run Number: 64959
Date: 10/7/07 Time start: 23:07_ Shift Persons: L Gan V Kubansky
Electron beam current: _______ MOR rate: 217472 HYCAL rate: 4351
PS rate: 96 DAQ rate: 377842 DAQ Live time: 90%
Radiator: 1x10^-4 Converter: No Target: 5/10°
TAC (circle one): in/out
Enabled Triggers Prescale Factor

\[
\begin{align*}
11 & \quad 50000 \\
7 & \quad 0 \\
7 & \quad 3500
\end{align*}
\]

Time end: 12:15am Number of events: 19.4 M
Data quality (circle one): good/junk
Comments: 
PrimEx-II Run Sheet, Run Number: 64960
Date: 10/02 Time start: 17:22am Shift Persons: O. Kosinov, A. Sinikov
Electron beam current: 100 nA MOR rate: 213 kHz HYCAL rate: 4.3 kHz
PS rate: 326 kHz DAQ rate: 4.6 kHz DAQ Live time: 90 %
Radiator: 10 K Converter: out Target: 10 K S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1  50 k
T2  0
T3  0
T4  3500
Time end: 1:36am Number of events: 20.7 M
Data quality (circle one): good/junk
Comments: T10 on, production

PrimEx-II Run Sheet, Run Number: 64961
Date: 11/02 Time start: 1:35am Shift Persons: O. Kosinov, A. Sinikov
Electron beam current: 100 nA MOR rate: 214 kHz HYCAL rate: 4.3 kHz
PS rate: 326 kHz DAQ rate: 4.6 kHz DAQ Live time: 90 %
Radiator: 10 K Converter: out Target: 10 K S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1  50 k
T2  0
T3  0
T4  3500
Time end: 2:45am Number of events: 20.8 M
Data quality (circle one): good/junk
Comments: production T10 on

PrimEx-II Run Sheet, Run Number: 64962
Date: 11/02 Time start: 2:45am Shift Persons: O. Kosinov, A. Sinikov
Electron beam current: 100 nA MOR rate: 215 kHz HYCAL rate: 4.36 kHz
PS rate: 323 kHz DAQ rate: 4.58 kHz DAQ Live time: 92 %
Radiator: 10 K Converter: out Target: 10 K S
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1  50 k
T2  0
T3  0
T4  3500
Time end: 3:54am Number of events: 20.0 M
Data quality (circle one): good/junk
Comments: production T10 on
PrimEx-II Run Sheet, Run Number: 64963
Date: 11/02  Time start: 3:56 am  Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 100 uA  MOR rate: 215 Hz  HYCAL rate: 4.4 kHz
PS rate: 319 kHz  DAQ rate: 4.2 kHz  DAQ Live time: 90%
Radiator: 10^-3 m  Converter: out  Target: 10^-5 m
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[
\begin{array}{c c c}
\text{T1} & \text{T2} & \text{T3} \\
0 & 0 & 3\times10^3 \\
\end{array}
\]
Time end: 5:10 am  Number of events: 21.7 M
Data quality (circle one): good/junk
Comments: production, T10 on

PrimEx-II Run Sheet, Run Number: 64964
Date: 11/02  Time start: 5:12 am  Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 100 uA  MOR rate: 215 Hz  HYCAL rate: 4.36 kHz
PS rate: 325 kHz  DAQ rate: 4.67 kHz  DAQ Live time: 90%
Radiator: 10^-3 m  Converter: out  Target: 10^-5 m
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[
\begin{array}{c c c}
\text{T1} & \text{T2} & \text{T3} \\
5\times10^5 & 0 & 3\times10^3 \\
\end{array}
\]
Time end: 6:28 am  Number of events: 20.67 M
Data quality (circle one): good/junk
Comments: production, T10 on

PrimEx-II Run Sheet, Run Number: 64965
Date: 11/02  Time start: 6:30 am  Shift Persons: O. Kosinov, A. Sitnikov
Electron beam current: 100 uA  MOR rate: 215 Hz  HYCAL rate: 4.3 kHz
PS rate: 332 kHz  DAQ rate: 4.67 kHz  DAQ Live time: 90%
Radiator: 10^-3 m  Converter: out  Target: 10^-5 m
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
\[
\begin{array}{c c c}
\text{T1} & \text{T2} & \text{T3} \\
5\times10^5 & 0 & 3\times10^3 \\
\end{array}
\]
Time end: 7:39 am  Number of events: 16.4 M
Data quality (circle one): good/junk
Comments: production, T10 on
PrimEx-II Run Sheet, Run Number: 64969
Date: 11-02-00 Time start: 08:09 Shift Persons: Nurses Kijun
Electron beam current: 160 mA MOR rate: 214 HYCAL rate: 4411
PS rate: 3.2 kHz DAQ rate: 3.6 kHz DAQ Live time: 98 %
Radiator: 10 /- A Converter: out Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
11
12
13
14
Time end: 11:10 Number of events: 4,9 M
Data quality (circle one): good/junk
Comments: Ended for half hour as requested by MCC

PrimEx-II Run Sheet, Run Number: 64970
Date: 11-02 Time start: 09:10 Shift Persons: Nurses Kijun
Electron beam current: 160 mA MOR rate: 215 HYCAL rate: 4399
PS rate: 3.2 kHz DAQ rate: 4 kHz DAQ Live time: 89 %
Radiator: 10 /- A Converter: out Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
11
12
13
14
Time end: 10:24 Number of events: 21 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64971
Date: 11-02 Time start: 10:22 Shift Persons: Nurses Kijun
Electron beam current: 160 mA MOR rate: 215 HYCAL rate: 4401
PS rate: 3.2 kHz DAQ rate: 4 kHz DAQ Live time: 89 %
Radiator: 10 /- A Converter: out Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
11
12
13
14
Time end: 11:43 Number of events: 21 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64972
Date: 11-02 Time start: 11:44 Shift Persons: Norses, K, J, un
Electron beam current: 100 μA MOR rate: 215 HycAL rate: 43.5
PS rate: 325 kHz DAQ rate: 4300 DAQ Live time: 92%
Radiator: 10 Å Au Converter: out Target: 10% Si

TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 50000
T2
T3
T4

Time end: 12:57 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64973
Date: 11-02 Time start: 11:58 Shift Persons: Norses, K, J, un
Electron beam current: 100 μA MOR rate: 218 HycAL rate: 44.1
PS rate: 333 kHz DAQ rate: 4300 DAQ Live time: 91%
Radiator: 10 Å Au Converter: out Target: 10% Si

TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 50000
T2
T3
T4

Time end: 13:36 Number of events: 9.6 M
Data quality (circle one): good/junk
Comments:
MCC took beam away for 10-15 min.

PrimEx-II Run Sheet, Run Number: 64974
Date: 11-02 Time start: 13:48 Shift Persons: Norses, K, J, un
Electron beam current: 100 μA MOR rate: 217 HycAL rate: 42.8
PS rate: 517 kHz DAQ rate: 4300 DAQ Live time: 90%
Radiator: 10 Å Au Converter: out Target: 10% Si

TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 10000
T2
T3
T4

Time end: 15:02 Number of events: 22 M
Data quality (circle one): good/junk
Comments:

Counters were not displaying, needs to be checked if it is good data.
PrimEx-II Run Sheet, Run Number: 64975
Date: 11-02 Time start: 16.3X Shift Persons: Sabov
Electron beam current: 100.4 MOR rate: 214 HYCAL rate: 6328
PS rate: 330 kHz DAQ rate: 450.0 DAQ Live time: 90
Radiator: 20.5 A Converter: 0 out Target: 10 % 5 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

11 500k
12 10
13 0
17

Time end: 16.46 Number of events: 20M
Data quality (circle one): [good/junk]
Comments:

PrimEx-II Run Sheet, Run Number: 64976
Date: 11-02 Time start: 16.55 Shift Persons: Sabov
Electron beam current: 100.4 MOR rate: 219 HYCAL rate: 8305
PS rate: 320 kHz DAQ rate: 4600 DAQ Live time: 91
Radiator: 16.4 A Converter: 0 out Target: 10 % 5 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

11 500k
12 10
13 0
17

Time end: 17.58 Number of events: 20M
Data quality (circle one): [good/junk]
Comments:

PrimEx-II Run Sheet, Run Number: 64977
Date: 11-02 Time start: 17.03 Shift Persons: Sabov
Electron beam current: 100.4 MOR rate: 216 HYCAL rate: 8358
PS rate: 315 kHz DAQ rate: 4.4 DAQ Live time: 91
Radiator: 16.4 A Converter: 0 out Target: 10 % 5 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

11 500k
12 10
13 0
17

Time end: 19.31 Number of events: 10M
Data quality (circle one): [good/junk]
Comments:
PrimEx-II Run Sheet, Run Number: 64979
Date: 11-7-00 Time start: 21:21 Shift Persons: 
Electron beam current: 70 MOR rate: HYCAL rate: 
PS rate: DAQ rate: DAQ Live time: 
Radiator: Converter: Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor 

Time end: Number of events: 
Data quality (circle one): good/junk 
Comments: 

PrimEx-II Run Sheet, Run Number: 64991
Date: 11-7-00 Time start: 23:27 Shift Persons: Kalroney
Electron beam current: 168 nA MOR rate: 217 HYCAL rate: 19272
PS rate: 331 DAQ rate: 4.2 DAQ Live time: 50/8
Radiator: 10-4 A Target: 10/85 
TAC (circle one): in/out
Enabled Triggers Prescale Factor 

Time end: 0:31 Number of events: 20 M
Data quality (circle one): good/junk
Comments: PRODUCTION ON 108Si

PrimEx-II Run Sheet, Run Number: 64982
Date: Nov 3 Time start: 08:32 Shift Persons: P.A. & B.M.
Electron beam current: 100 nA MOR rate: 21 MHz HYCAL rate: 4.3 kHz
PS rate: 0.3 kHz DAQ rate: 4.2 kHz DAQ Live time: 90%
Radiator: 10-4 A Converter: Target: 108 Si 
TAC (circle one): in/out
Enabled Triggers Prescale Factor 

Time end: 18:40 Number of events: 20 M
Data quality (circle one): good/junk
Comments: PRODUCTION ON 108 Si
PrimEx-II Run Sheet, Run Number: 64983
Date: Nov 3  Time start: 1:41  Shift Persons: P.A. & B.M.
Electron beam current: 100 uA  MOR rate: 21 kHz  HYCAL rate: 43 kHz
PS rate: 32 kHz  DAQ rate: 4.2 kHz  DAQ Live time: 91%
Radiator: 10-4 Av  Converter: out  Target: 10% Si

TAC (circle one): in  out
Enabled Triggers  Prescale Factor
11  50000
12  0
13  0
14  3500

Time end: 2:55  Number of events: 218 M
Data quality (circle one): good/junk
Comments: Production on 10% Si

---

PrimEx-II Run Sheet, Run Number: 64984
Date: Nov 3  Time start: 2:55  Shift Persons: P.A. & B.M.
Electron beam current: 100 uA  MOR rate: 21 kHz  HYCAL rate: 43 kHz
PS rate: 32 kHz  DAQ rate: 4.3 kHz  DAQ Live time: 90%
Radiator: 10-4 Av  Converter: out  Target: 10% Si

TAC (circle one): in  out
Enabled Triggers  Prescale Factor
11  50000
12  0
13  0
14  3500

Time end: 4:00  Number of events: 61 M
Data quality (circle one): good/junk
Comments: Production on 10% Si

---

PrimEx-II Run Sheet, Run Number: 64985
Date: Nov 3  Time start: 4:05  Shift Persons: P.A. & B.M.
Electron beam current: 100 uA  MOR rate: 21 kHz  HYCAL rate: 44 kHz
PS rate: 32 kHz  DAQ rate: 4.3 kHz  DAQ Live time: 91%
Radiator: 10-4 Av  Converter: out  Target: 10% Si

TAC (circle one): in  out
Enabled Triggers  Prescale Factor
11  50000
12  0
13  0
14  3500

Time end: 4:18  Number of events: 770
Data quality (circle one): good/junk
Comments:
PrimeX-II Run Sheet, Run Number: 64986
Date: Nov 3 Time start: 6:33 Shift Persons: P.A. & B.N.
Electron beam current: 100 uA MOR rate: 21 kHz Hycal rate: 4.3 kHz
PS rate: 320 kHz DAQ rate: 4.3 kHz DAQ Live time: 91%
Radiator: 10K Au Converter: out Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
  7
  12
  15
  17
T1 Time end: 7:40 Number of events: 710 20M
Data quality (circle one): Good/junk Comments: production on 10% Si

PrimeX-II Run Sheet, Run Number: 64987
Date: Nov 3 Time start: 7:41 Shift Persons: P.A. & B.N.
Electron beam current: 100 uA MOR rate: 21 kHz Hycal rate: 4.3 kHz
PS rate: 320 kHz DAQ rate: 4.3 kHz DAQ Live time: 91%
Radiator: 10K Au Converter: out Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
  7
  12
  15
  17
T1 Time end: 7:50 Number of events: 710 2M
Data quality (circle one): Good/junk Comments: production DAQ problem ahead of this run

PrimeX-II Run Sheet, Run Number: 64988
Date: 11/03/10 Time start: 8:31 Shift Persons: A. Deur/N. Grvogyan
Electron beam current: 100 uA MOR rate: 21 kHz Hycal rate: 4.3 kHz
PS rate: 320 kHz DAQ rate: 4.3 kHz DAQ Live time: 91%
Radiator: 10K Au Converter: out Target: 10% Si
TAC (circle one): in/out Enabled Triggers Prescale Factor
  1
  2
  5
  7
T1 Time end: 9:05 Number of events: 1011
Data quality (circle one): Good/junk Comments: production
PrimEx-II Run Sheet, Run Number: 64989
Date: 11/03/10 Time start: 04:10 Shift Persons: A. Deur / N. Gevorgyan
Electron beam current: 70.3 mA MOR rate: 27 kHz HYCAL rate: 35 kHz
PS rate: 0 DAQ rate: 2.2 kHz DAQ Live time: 93.32 s 
Radiator: 3.10^3 Au Converter: 1.7 Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
7 100 k
5 0
3 3.5 k

Time end: 10:46 Number of events: 18.7 M
Data quality (circle one): good / junk
Comments: Started at 70 mA, increased to 100 mA, 110 mA

---

PrimEx-II Run Sheet, Run Number: 64990
Date: 11/03/10 Time start: 10:47 Shift Persons: A. Deur / N. Gevorgyan
Electron beam current: 110 mA MOR rate: 27 kHz HYCAL rate: 35 kHz
PS rate: 0 DAQ rate: 2.2 kHz DAQ Live time: 85.7 s 
Radiator: 3.10^3 Au Converter: 1.7 Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
4 100 k
3
2
1

Time end: 12:33 Number of events: 710 M
Data quality (circle one): good / junk
Comments: Production on empty target

---

PrimEx-II Run Sheet, Run Number: 64991
Date: 11/03/10 Time start: 12:34 Shift Persons: A. Deur / N. Gevorgyan
Electron beam current: 110 mA MOR rate: 27 kHz HYCAL rate: 35 kHz
PS rate: 0 DAQ rate: 2.1 kHz DAQ Live time: 95.7 s 
Radiator: 3.10^3 Au Converter: 1.7 Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
3 100 k
2
1

Time end: 14:06 Number of events: 20.0 M
Data quality (circle one): good / junk
Comments: Production on empty target
PrimEx-II Run Sheet, Run Number: 64992
Date: 11/03/2010 Time start: 14:08 Shift Persons: A. Deur/N. Gersberg
Electron beam current: 440 nA MOR rate: 27.1 kHz HYCAL rate: 36 kHz
PS rate: 0 DAQ rate: 2.5 kHz DAQ Live time: 85%
Radiator: 3.10^-4 A\text{u} Converter: our Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 10
2 0
3
Time end: 14:52 Number of events: 3271 Data quality (circle one): good/junk
Comments: Production - stopped early due to beam down

PrimEx-II Run Sheet, Run Number: 64993
Date: 11/03 Time start: 15:03 Shift Persons: A. Deur/N. Gersberg
Electron beam current: 400 nA MOR rate: 27.1 kHz HYCAL rate: 2.6 kHz
PS rate: 0 DAQ rate: 2.5 kHz DAQ Live time: 85%
Radiator: 3.10^-4 A\text{u} Converter: our Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 10
2 0
3
Time end: 16:47 Number of events: 2045 Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 64994
Date: 11/03 Time start: 16:51 Shift Persons: I. Dupuy/K. Lacroix
Electron beam current: 110 nA MOR rate: 27 kHz HYCAL rate: 5.5
PS rate: 0 DAQ rate: 3.0 kHz DAQ Live time: 95%
Radiator: 3.10^-4 A\text{u} Converter: our Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor
1 10
2 0
3
Time end: 17:40 Number of events: 1148 Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 64995
Date: 11.3.10 Time start: 17:52 Shift Persons: Jsupov, Kulekovsky
Electron beam current: 50.8 A MOR rate: 3.3 KHz HYCAL rate: 0
PS rate: 4311.42 DAQ Live time: 91.6%
Radiator: Convertor: No Target: No
TAC (circle one): In/out Enabled Triggers Prescale Factor

Time end: 18.19 Number of events: 11 M
Data quality (circle one): good/junk
Comments: TAC run Hall A is off

PrimEx-II Run Sheet, Run Number: 69936
Date: 11.5.10 Time start: 19.21 Shift Persons: Kulekovsky, Jsupov
Electron beam current: 112.8 A MOR rate: 69 KHz HYCAL rate: 0
PS rate: 4911.42 DAQ Live time: 69.7%
Radiator: Convertor: Out Target: empty
TAC (circle one): In/out Enabled Triggers Prescale Factor

Time end: 19.32 Number of events: 38 M
Data quality (circle one): good/junk
Comments: TAC is 55m lower TAC run Hall A is off

PrimEx-II Run Sheet, Run Number: 14597
Date: 11.3.10 Time start: 19.00 Shift Persons: Jsupov, Kulekovsky
Electron beam current: 61.8 A MOR rate: HYCAL rate: 0
PS rate: 6132.1 kHz DAQ Live time: 37.7%
Radiator: Convertor: Out Target: empty
TAC (circle one): In/out Enabled Triggers Prescale Factor

Time end: 19.23 Number of events: 10 M
Data quality (circle one): good/junk
Comments: TAC run 11.14 HV = 1900 V
<table>
<thead>
<tr>
<th>Date</th>
<th>Time start</th>
<th>Shift Persons</th>
<th>Electron beam current</th>
<th>MOR rate</th>
<th>HCYCAL rate</th>
<th>PS rate</th>
<th>DAQ rate</th>
<th>DAQ Live time</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-03-10</td>
<td>13:45</td>
<td>Isup, Kolesov</td>
<td>110 µA</td>
<td>27 kM²</td>
<td>3.5</td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TAC (circle one): in/out</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Enabled Triggers Prescale Factor</td>
<td>1</td>
<td>100.00</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>35.00</td>
</tr>
<tr>
<td>Time end</td>
<td>21:15</td>
<td>Number of events</td>
<td>20 M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Data quality (circle one):</td>
<td>good/junk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments:</td>
<td>production</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Date</th>
<th>Time start</th>
<th>Shift Persons</th>
<th>Electron beam current</th>
<th>MOR rate</th>
<th>HCYCAL rate</th>
<th>PS rate</th>
<th>DAQ rate</th>
<th>DAQ Live time</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-03-10</td>
<td>21:18</td>
<td>Isup, Kolesov</td>
<td>110 µA</td>
<td>27 kM²</td>
<td>3.5</td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TAC (circle one): in/out</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Enabled Triggers Prescale Factor</td>
<td>1</td>
<td>100.00</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>35.00</td>
</tr>
<tr>
<td>Time end</td>
<td>22:54</td>
<td>Number of events</td>
<td>20 M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Data quality (circle one):</td>
<td>good/junk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments:</td>
<td>empty target</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Date</th>
<th>Time start</th>
<th>Shift Persons</th>
<th>Electron beam current</th>
<th>MOR rate</th>
<th>HCYCAL rate</th>
<th>PS rate</th>
<th>DAQ rate</th>
<th>DAQ Live time</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-03-10</td>
<td>22:56</td>
<td>Isup, Kolesov</td>
<td>110 µA</td>
<td>27 kM²</td>
<td>3.5</td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TAC (circle one): in/out</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Enabled Triggers Prescale Factor</td>
<td>1</td>
<td>100.00</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>35.00</td>
</tr>
<tr>
<td>Time end</td>
<td>0:30</td>
<td>Number of events</td>
<td>20 M</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Data quality (circle one):</td>
<td>good/junk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>empty</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments:</td>
<td>empty target</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### PrimEx-II Run Sheet, Run Number: 65001

**Date:** Nov 4  **Time start:** 07:32  **Shift Persons:** P.A. & A.S.  
**Electron beam current:** 110 mA  **MOR rate:** 27 MHz  **HYCAL rate:** 3.5 kHz  
**PS rate:** 0  **DAQ rate:** ~8 kHz  **DAQ Live time:** 93%  
**Radiator:** 3x10^-4 Au  **Converter:** OUT  **Target:** EMPTY  
**Enabled Triggers**  
<table>
<thead>
<tr>
<th>Trigger</th>
<th>Prescale Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>100000</td>
</tr>
<tr>
<td>T2</td>
<td>0</td>
</tr>
<tr>
<td>T3</td>
<td>3</td>
</tr>
<tr>
<td>T4</td>
<td>3500</td>
</tr>
</tbody>
</table>

**Time end:** 23:05  **Number of events:** T10 20M  
**Data quality (circle one):** good/junk  
**Comments:** EMPTY TARGET

---

### PrimEx-II Run Sheet, Run Number: 65002

**Date:** Nov 4  **Time start:** 08:08  **Shift Persons:** P.A. & A.S.  
**Electron beam current:** 110 mA  **MOR rate:** 28 MHz  **HYCAL rate:** 3.5 kHz  
**PS rate:** 0  **DAQ rate:** ~8 kHz  **DAQ Live time:** 94%  
**Radiator:** 3x10^-4 Au  **Converter:** OUT  **Target:** EMPTY  
**Enabled Triggers**  
<table>
<thead>
<tr>
<th>Trigger</th>
<th>Prescale Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>100000</td>
</tr>
<tr>
<td>T2</td>
<td>0</td>
</tr>
<tr>
<td>T3</td>
<td>3</td>
</tr>
<tr>
<td>T4</td>
<td>3500</td>
</tr>
</tbody>
</table>

**Time end:** 23:45  **Number of events:** T10 20M  
**Data quality (circle one):** good/junk  
**Comments:** EMPTY TARGET

---

### PrimEx-II Run Sheet, Run Number: 65003

**Date:** Nov 4  **Time start:** 08:45  **Shift Persons:** P.A. & A.S.  
**Electron beam current:** 110 mA  **MOR rate:** 27 MHz  **HYCAL rate:** 3.5 kHz  
**PS rate:** 0  **DAQ rate:** ~8 kHz  **DAQ Live time:** 96%  
**Radiator:** 3x10^-4 Au  **Converter:** OUT  **Target:** EMPTY  
**Enabled Triggers**  
<table>
<thead>
<tr>
<th>Trigger</th>
<th>Prescale Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>100000</td>
</tr>
<tr>
<td>T2</td>
<td>0</td>
</tr>
<tr>
<td>T3</td>
<td>3</td>
</tr>
<tr>
<td>T4</td>
<td>3500</td>
</tr>
</tbody>
</table>

**Time end:** 05:18  **Number of events:** T10 20M  
**Data quality (circle one):** good/junk  
**Comments:** EMPTY TARGET
PrimEx-II Run Sheet, Run Number: 65004
Date: NOV 4  Time start: 5:18  Shift Persons: P.A. I.K.S.
Electron beam current: 110 nA  MOR rate: 2.7 nHz  HYCAL rate: 3.6 kHz
PS rate: 0  DAQ rate: ~2.6 kHz  DAQ Live time: 94%
Radiator: 3 x 10^{-4} Au  Converter: OUT  Target: EMPTY
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

T1  0
T2  0
T3  3500
T4

Time end: 6:57  Number of events: 1720
Data quality (circle one): good/junk
Comments:  EMPTY TARGET

---

PrimEx-II Run Sheet, Run Number: 65005
Date: NOV 4  Time start: 6:58  Shift Persons: P.A. I.K.S.
Electron beam current: 110 nA  MOR rate: 8.7 nHz  HYCAL rate: 3.5 kHz
PS rate: 0  DAQ rate: ~3.5 kHz  DAQ Live time: 94%
Radiator: 3 x 10^{-4} Au  Converter: OUT  Target: EMPTY
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

T1  0
T2  0
T3  3500
T4

Time end: 8:20  Number of events: 154
Data quality (circle one): good/junk
Comments:  EMPTY TARGET

---

PrimEx-II Run Sheet, Run Number: 65006
Date: 11-9-10  Time start: 18:16  Shift Persons: L. Gan, A. Faberovsky
Electron beam current: 100 nA  MOR rate: 2.1 MHz  HYCAL rate: 4.9 kHz
PS rate: 0  DAQ rate: 4.6 kHz  DAQ Live time: 88.6 s
Radiator: 110^{-4}  Converter: NO  Target: 10 x 13
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

T1  500
T2  0
T3  2500
T4

Time end: 18:25  Number of events: 2.37M
Data quality (circle one): good/junk
Comments:
### PrimEx-II Run Sheet, Run Number: 65007

- **Date:** 11-4-10  
- **Time start:** 08:27  
- **Shift Persons:** L. Gan, A. Kubarovsky
- **Electron beam current:** 105 mA  
- **MOR rate:** 266 kHz  
- **Hycal rate:** 4.9 kHz  
- **PS rate:** 56  
- **DAQ rate:** 4.4 kHz  
- **DAQ Live time:** 78.6%  
- **Radiator:** 10 -4 -10  
- **Converter:** NO  
- **TAC (circle one): in/out:**  
- **Enabled Triggers Prescale Factor:** 30000  
- **Time end:** 19:37  
- **Number of events:** 20.8 M  
- **Data quality (circle one):** good/junk  
- **Comments:**

---

### PrimEx-II Run Sheet, Run Number: 65008

- **Date:** 11-4-10  
- **Time start:** 19:39  
- **Shift Persons:** L. Gan, A. Kubarovsky
- **Electron beam current:** 100 mA  
- **MOR rate:** 219 kHz  
- **Hycal rate:** 4.8 kHz  
- **PS rate:** 65  
- **DAQ rate:** 4.4 kHz  
- **DAQ Live time:** 91%  
- **Radiator:** 1x10 -4  
- **Converter:** NO  
- **TAC (circle one): in/out:**  
- **Enabled Triggers Prescale Factor:** 30000  
- **Time end:** 20:47  
- **Number of events:** 20.07 M  
- **Data quality (circle one):** good/junk  
- **Comments:**

---

### PrimEx-II Run Sheet, Run Number: 65009

- **Date:** 11-4-10  
- **Time start:** 20:49  
- **Shift Persons:** L. Gan, A. Kubarovsky
- **Electron beam current:** 100 mA  
- **MOR rate:** 270 kHz  
- **Hycal rate:** 4.9 kHz  
- **PS rate:** 66 kHz  
- **DAQ rate:** 4.4 kHz  
- **DAQ Live time:** 90.4%  
- **Radiator:** 1x10 -4  
- **Converter:** NO  
- **TAC (circle one): in/out:**  
- **Enabled Triggers Prescale Factor:** 30000  
- **Time end:** 21:58  
- **Number of events:** 20.1 M  
- **Data quality (circle one):** good/junk  
- **Comments:**
PrimEx-II Run Sheet, Run Number: 65010
Date: 11-4-10 Time start: 21:59   Shift Persons: C. Gan, A. Kabrovsky
Electron beam current: 100MA   MOR rate: 271.4HZ   HYCAL rate: 4891kHz
PS rate: 6514HZ   DAQ rate: 4.91kHz   DAQ Live time: 90%   Target: 10% 1C
Radiator: 1x10^-4   Converter: No   Target: 10% 1C
TAC (circle one): in/out   Enabled Triggers Prescale Factor
11  40k  T10 - 0
15  0
17  3500
Time end: 23:15 Number of events: 22.4M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65011
Date: 11-4-10 Time start: 23:16   Shift Persons: C. Gan, A. Kabrovsky
Electron beam current: 100MA   MOR rate: 271.4HZ   HYCAL rate: 4891kHz
PS rate: 6514HZ   DAQ rate: 4.91kHz   DAQ Live time: 90%   Target: 10% 1C
Radiator: 1x10^-4   Converter: No   Target: 10% 1C
TAC (circle one): in/out   Enabled Triggers Prescale Factor
11  40k  T10 - 0
15  0
17  3500
Time end: 00:37 Number of events: 20.0M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65012
Date: 11/5/10 Time start: 00:39   Shift Persons: M. Khomdaker, V. Baturin
Electron beam current: 100MA   MOR rate: 211.8MHz   HYCAL rate: 482kHz
PS rate: 22814HZ   DAQ rate: 3.8kHz   DAQ Live time: 91.7%   Target: 16% 12C
Radiator: 1x10^-4   Converter: None   Target: 16% 12C
TAC (circle one): in/out   Enabled Triggers Prescale Factor
11  40k  T10 - 0
15  0
17  3500
Time end: 1:30 Number of events: 20894736 = 20 MoNuds
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 65013
Date: 10/05/2010 Time start: 1:57
Shift Persons: M.Khandaker, V.Badr
Electron beam current: 100 µA MOR rate: 2.77 MHz HYCAL rate: 4.8 GHz
PS rate: 62 kHz DAQ rate: 4.8 kHz DAQ Live time: 89.9%
Radiator: 1.1x10⁻⁴ Converter: None Target: 10% C
TAC (circle one): in/out y = -250 km
Enabled Triggers Prescale Factor
11 40
17 0
5 2
47 3500
Time end: 3:03 Number of events: 20.5 M events
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65014
Date: 10/05/2010 Time start: 2:05
Shift Persons: M.Khandaker, V.Badr
Electron beam current: 100 µA MOR rate: 2.52 MHz HYCAL rate: 4.7 GHz
PS rate: 68 kHz DAQ rate: 4.9 kHz DAQ Live time: 92.0%
Radiator: 1x10⁻⁴ Converter: None Target: 10% C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
11 40
17 0
5 2
47 3500
Time end: 04:12 Number of events: 20.0 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65015
Date: 11/ Time start: 04:14
Shift Persons: M.Khandaker, V.Badr
Electron beam current: 100 mA MOR rate: 21.6 MHz HYCAL rate: 4.8 GHz
PS rate: 228 kHz DAQ rate: 4.5 kHz DAQ Live time: 91.1%
Radiator: 1x10⁻⁴ Converter: None Target: 10% C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
11 40k
17 0
5 1
47 3500
Time end: 5:17 Number of events: 10.46 M events
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 65016
Date: 11/05/10 Time start: 5:10 Shift Persons: M. Khandaker, V. Baturin
Electron beam current: 100 mA MOR rate: 270 kHz HYCAL rate: 49 kHz
PS rate: 1 x 10^-4 DAQ rate: 3.8 kHz DAQ Live time: 92%
Radiator: 1 x 10^-4 Converter: None Target: 10%
TAC (circle one): in/out Enabled Triggers Prescale Factor
40
0
1
3500
Time end: 6:48 Number of events: 24.5 M events
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65017
Date: 11/05/10 Time start: 6:50 Shift Persons: M. Khandaker, V. Baturin
Electron beam current: 100 mA MOR rate: 270 kHz HYCAL rate: 490 kHz
PS rate: 1 x 10^-4 DAQ rate: 3.8 kHz DAQ Live time: 90%
Radiator: 1 x 10^-4 Converter: None Target: 10%
TAC (circle one): in/out Enabled Triggers Prescale Factor
40
0
1
3500
Time end: 8:00 Number of events: 21.6 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65018
Date: 11/05/10 Time start: 08:01 Shift Persons: M. Khandaker, V. Baturin
Electron beam current: 100 mA MOR rate: 21.2 MHz HYCAL rate: 4.8 kHz
PS rate: 1 x 10^-4 DAQ rate: 3.1 kHz DAQ Live time: 94%
Radiator: 1 x 10^-4 Converter: None Target: 10%
TAC (circle one): in/out Enabled Triggers Prescale Factor
40
0
1
3500
Time end: 08:06 Number of events: 20.0 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 65019
Date: 11/5/10 Time start: 10:41 Shift Persons: A. Decar / V. Kucharsky
Electron beam current: 100 mA MOR rate: 21 / h HYCAL rate: 4.8 kHz
PS rate: 231 / h DAQ rate: 488 kHz DAQ Live time: 1217
Radiator: 1.0 ^ 4 A Converter: our Target: 16 / K 0 C
TAC (circle one): in / out
Enabled Triggers Prescale Factor

0

1

2.5

Time end: 11:41 Number of events: 861
Data quality (circle one): good junk
Comments:

stopped run to start TAC run

PrimEx-II Run Sheet, Run Number: 65020
Date: Time start: Shift Persons: A. Decar / V. Kucharsky
Electron beam current: MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: Converter: Target:
TAC (circle one): in / out
Enabled Triggers Prescale Factor

Time end: Number of events:
Data quality (circle one): good junk
Comments:

TAC run junk (DAQ crash at 1st end)
(does apparently with preinjector)

PrimEx-II Run Sheet, Run Number: 65021
Date: Time start: Shift Persons: A. Decar / V. Kucharsky
Electron beam current: MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: 1.6 x 10^5 A Converter: our Target: none
TAC (circle one): in / out
Enabled Triggers Prescale Factor

1

2

4

10

Time end: Number of events:
Data quality (circle one): good junk
Comments:

TAC run junk DAQ problem
PrimEx-II Run Sheet, Run Number: 65022
Date: 11/5/10 Time start: 11:34 Shift Persons: A. Deu/N. Kulawonsky
Electron beam current: 100 pA MOR rate: 39 kHz HYCAL rate: 72 kHz
PS rate: 0 DAO rate: ~10 kHz DAO Live time: 10
Radiator: 1.6 × 10^5 AÑ Converter: our Target: our
TAC (circle one): out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c|c}
\text{1} & \text{2} & \text{3} \\
\hline
0 & 0 & 0 \\
\end{array}
\]
Time end: 11:52 Number of events: 4.10 M
Data quality (circle one): good/junk
Comments: TAC run (TAC HV 1700 V)

PrimEx-II Run Sheet, Run Number: 65023
Date: 11/5/10 Time start: 12:20 Shift Persons: A. Deu/N. Kulawonsky
Electron beam current: 100 pA MOR rate: 32 kHz HYCAL rate: 72 kHz
PS rate: 0 DAO rate: 0 DAO Live time: 10
Radiator: 1.6 × 10^5 AÑ Converter: our Target: our
TAC (circle one): out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c|c}
\text{1} & \text{2} & \text{3} \\
\hline
0 & 0 & 0 \\
\end{array}
\]
Time end: 12:52 Number of events: 2.43 M
Data quality (circle one): good/junk
Comments: TAC run (TAC HV 1610 V)

PrimEx-II Run Sheet, Run Number: 65025
Date: 11/5/10 Time start: 14:05 Shift Persons: A. Deu/N. Kulawonsky
Electron beam current: 90-190 pA MOR rate: 37 kHz HYCAL rate: 74 kHz
PS rate: 0 DAO rate: 0 DAO Live time: (1000 pA) 637
Radiator: 1.6 × 10^5 AÑ Converter: our Target: our
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c|c}
\text{1} & \text{2} & \text{3} \\
\hline
0 & 0 & 0 \\
\end{array}
\]
Time end: 14:28 Number of events: 10.6 M
Data quality (circle one): good/junk
Comments: TAC run
PrimEx-II Run Sheet, Run Number: 65026
Date: 11/5/2010 Time start: 14:29 Shift Persons: A. Deur/V. Kukucsk
Electron beam current: 100 mA MOR rate: 33 kHz HYCAL rate: 5 kHz
PS rate: 16 kHz DAQ rate: 10 kHz DAQ Live time: ~68.7
Radiator: 6.65 m Converter: out Target: 10% Xe Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 2
2 0
1 0

Time end: 15:22 Number of events: 25.01
Data quality (circle one): good/junk
Comments: 

TAC run. w/ 10% Carbon target in.

PrimEx-II Run Sheet, Run Number: 65027
Date: Time start: 15:32 Shift Persons: A. Deur/V. Kukucsk
Electron beam current: 100 mA MOR rate: 21 MHz HYCAL rate: 4.9 kHz
PS rate: 234 kHz DAQ rate: Converter: out
Radiator: 10 m4 A Target: 10% Xe Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 4.6k
2 0
3 1
10 3.5k

Time end: Number of events:
Data quality (circle one): good/junk
Comments: Production run

PrimEx-II Run Sheet, Run Number: 6026
Date: Time start: 16:15 Shift Persons: 
Electron beam current: MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events:
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 565028
Date: 5 November Time start: 13:42 Shift Persons: [Redacted]
Electron beam current: 450uA MOR rate: [Redacted] HYCAL rate: [Redacted]
PS rate: [Redacted] DAQ rate: [Redacted] DAQ Live time: [Redacted]
Radiator: [Redacted] Converter: [Redacted] Target: [Redacted]
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 40K
2 0
3 [Redacted]
Time end: 18:48 Number of events: [Redacted]
Data quality (circle one): good/Junk
Comments: [Redacted]

---

PrimEx-II Run Sheet, Run Number: 65029
Date: 5 November Time start: 13:22 Shift Persons: [Redacted]
Electron beam current: 450uA MOR rate: 264 HYCAL rate: 4.9K
PS rate: 66 DAQ rate: 4.3 K/sec DAQ Live time: 9090
Radiator: [Redacted] Converter: NO Target: 10% Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 40K
2 [Redacted]
3 [Redacted]
Time end: 20:20 Number of events: 2004
Data quality (circle one): good/Junk
Comments: Excellent runs

---

PrimEx-II Run Sheet, Run Number: 65030
Date: 5 November Time start: 20:30 Shift Persons: [Redacted]
Electron beam current: 450uA MOR rate: 26+ HYCAL rate: 4.9K
PS rate: 64 DAQ rate: 3.7 K/sec DAQ Live time: 919
Radiator: [Redacted] Converter: NO Target: 10% Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 40K
2 [Redacted]
3 [Redacted]
Time end: 21:50 Number of events: 234
Data quality (circle one): good/Junk
Comments: [Redacted]
PrimEx-II Run Sheet, Run Number: 65031
Date: ____ Time start: ____ Shift Persons: [Redacted]
Electron beam current: ____ MOR rate: ____ HYCAL rate: ____
PS rate: ____ DAQ rate: ____ DAQ Live time: ____
Radiator: ____ Converter: ____ Target: ____
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: ____ Number of events: __
Data quality (circle one): (good/junk)
Comments:

---

PrimEx-II Run Sheet, Run Number: 65032
Date: 5 Nov 2010 Time start: 22:12 Shift Persons: [Redacted]
Electron beam current: 100 uA MOR rate: 268 HYCAL rate: 4.8 k
PS rate: 64 DAQ rate: 4.8 k/sec DAQ Live time: 92 k
Radiator: 10'4'4' Converter: ____ Target: ____
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 23:21 Number of events: 20.5 M
Data quality (circle one): (good/junk)
Comments:

---

PrimEx-II Run Sheet, Run Number: 65033
Date: 5 Nov 2010 Time start: 11:22 a.m. Shift Persons: [Redacted]
Electron beam current: 100 uA MOR rate: ____ HYCAL rate: ____
PS rate: ____ DAQ rate: ____ DAQ Live time: ____
Radiator: ____ Converter: ____ Target: ____
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 0:34 Number of events: 20 M
Data quality (circle one): (good/junk)
Comments:
PrimEx-II Run Sheet, Run Number: 65034
Date: Nov 6  Time start: 02:34  Shift Persons: P.A. & D.P.
Electron beam current: 100 uA  MOR rate: 276  HYCAL rate: 49 kHz
PS rate: 1.2  DAQ rate: ~5 kHz  DAQ Live time: 90%
Radiator: 10^4 Au  Converter: OUT  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
40000
0
1
3500
Time end: 6:15  Number of events: 110M
Data quality (circle one): good/junk
Comments: Prod. ON 10% C

PrimEx-II Run Sheet, Run Number: 65035
Date: Nov 6  Time start: 3:50  Shift Persons: P.A. & D.P.
Electron beam current: 100 uA  MOR rate: 274  HYCAL rate: -4.7 kHz
PS rate: 0.5  DAQ rate: ~5 kHz  DAQ Live time: 90%
Radiator: 10^4 Au  Converter: OUT  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
40000
0
1
3500
Time end: 5:10  Number of events: 20M
Data quality (circle one): good/junk
Comments: Prod. ON 10% C

PrimEx-II Run Sheet, Run Number: 65036
Date: Nov 6  Time start: 5:10  Shift Persons: P.A. & D.P.
Electron beam current: 100 uA  MOR rate: 273  HYCAL rate: 49 kHz
PS rate: 1  DAQ rate: ~5 kHz  DAQ Live time: 91%
Radiator: 10^4 Au  Converter: OUT  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
40000
0
1
3500
Time end: 6:30  Number of events: 23.6M
Data quality (circle one): good/junk
Comments: Prod. ON 10% C
PrimEx-II Run Sheet, Run Number: 65037
Date: Nov 6 Time start: 6:30 Shift Persons: P.A. & D.P.
Electron beam current: 100uA MOR rate: 264 HYCAL rate: 49kHz
PS rate: 65kH DAQ rate: 5kHz DAQ Live time: 91%
Radiator: 10^-4 Au Converter: OUT Target: 10% C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
40000
5
3500
770
Time end: 7:45 Number of events: 324M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65038
Date: Nov 6 Time start: 7:42 Shift Persons: P.A. & D.P.
Electron beam current: 100uA MOR rate: 264 HYCAL rate: 49kHz
PS rate: 65kH DAQ rate: 5kHz DAQ Live time: 98%
Radiator: 10^-4 Au Converter: OUT Target: 10% C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
40000
5
3500
720
Time end: 09:01 Number of events: 5722M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65039
Date: Nov 6 Time start: 09:02 Shift Persons: N. Gevorgyan, A. Kuabar
Electron beam current: 100uA MOR rate: 264 HYCAL rate: 48kHz
PS rate: 226kHz DAQ rate: 5kHz DAQ Live time: 91%
Radiator: 10^-4 Au Converter: OUT Target: 10% C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
40000
5
3500
724
Time end: 10:24 Number of events: 25M
Data quality (circle one): good/junk
Comments:

PROD on 10% C
PrimEx-II Run Sheet, Run Number: 65040
Date: Nov 6  Time start: 10:26  Shift Persons: Nýser, A. Kubarevsky
Electron beam current: 100 µA  MOR rate: 269  HYCAL rate: 506
PS rate: 225 kHz  DAQ rate: 48 kHz  DAQ Live time: 91%
Radiator: 10.4 AU  Converter: out  Target: 10%
TAC (circle one): in(out)
Enabled Triggers  Prescale Factor
1  2
40 000
4  0
35 000
Time end: 11:48  Number of events: 25 M
Data quality (circle one): good/junk
Comments: PROD

PrimEx-II Run Sheet, Run Number: 65041
Date: Nov 6  Time start: 11:49  Shift Persons: Nýser, A. Kubarevsky
Electron beam current: 100 µA  MOR rate: 269  HYCAL rate: 506
PS rate: 223 kHz  DAQ rate: 5 kHz  DAQ Live time: 91%
Radiator: 10.4 AU  Converter: out  Target: 100%
TAC (circle one): in(out)
Enabled Triggers  Prescale Factor
1  2
40 000
4  0
35 000
Time end: 12:29  Number of events: 30 M
Data quality (circle one): good/junk
Comments: PROD

PrimEx-II Run Sheet, Run Number: 65042
Date: Nov 6  Time start: 13:30  Shift Persons: Nýser, A. Kubarevsky
Electron beam current: 100 µA  MOR rate: 269  HYCAL rate: 506
PS rate: 225 kHz  DAQ rate: 5 kHz  DAQ Live time: 91%
Radiator: 10.4 AU  Converter: out  Target: 100%
TAC (circle one): in(out)
Enabled Triggers  Prescale Factor
1  2
40 000
4  0
35 000
Time end: 15:11  Number of events: 30 M
Data quality (circle one): good/junk
Comments: PROD
PrimEx-II Run Sheet, Run Number: 65043
Date: Nov 6  Time start: 15:12  Shift Persons: Nenquez, K. Banorzy
Electron beam current: 100μA  MOR rate: 285  HYCAL rate: 4876
PS rate: 223kHz  DAQ rate: 5kHz  DAQ Live time: 91.96
Radiator: 10cm Au  Converter: out  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  40000
2  0
3  2500
7  7
Time end: 17:15  Number of events: 351M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65044
Date: Nov 6  Time start: 17:17  Shift Persons: A. Michodzinta, B. Monna
Electron beam current: 100μA  MOR rate: 257  HYCAL rate: 4876
PS rate: 228kHz  DAQ rate: 4.3kHz  DAQ Live time: 90.76
Radiator: 10cm Au  Converter: out  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  40
2  0
5  1
7  3500
Time end: 19:00  Number of events: 30.7M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65045
Date:  Time start: 19:00  Shift Persons: 
Electron beam current:  MOR rate:  HYCAL rate: 
PS rate:  DAQ rate:  DAQ Live Time: 
Radiator:  Converter:  Target: 
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end:  Number of events: 
Data quality (circle one): good/junk
Comments: failed with perturbing
PrimEx-II Run Sheet, Run Number: 65046
Date: Nov 6  Time start: 19:00  Shift Persons: [Handwritten]
Electron beam current: 1000 mA  MOR rate: 2.94  HYCAL rate: 4.8 k
PS rate: 60  DAQ rate: 14.15 sec  DAQ Live time: 93.40
Radiator: Coated  Converter: Out  Target: 100% 12C
TAC (circle one): in/out  Enabled Triggers  Prescale Factor
40k
0
1
Time end: 21:00  Number of events: 304.7M
Data quality (circle one): Good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65047
Date: Nov 6  Time start: 21:00  Shift Persons: [Handwritten]
Electron beam current: 1000 mA  MOR rate: 2.94  HYCAL rate: 4.8 k
PS rate: 60  DAQ rate: 14.15 sec  DAQ Live time: 93.40
Radiator: Coated  Converter: Out  Target: 100% 12C
TAC (circle one): in/out  Enabled Triggers  Prescale Factor
1
2
3
Time end: 22:49  Number of events: 304.7M
Data quality (circle one): Good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65048
Date: Nov 6  Time start: 22:49  Shift Persons: P. Merson
Electron beam current: 1000 mA  MOR rate: 20.4 kHz  HYCAL rate: 4.7 k
PS rate: 219 k  DAQ rate: 14.15 sec  DAQ Live time: 86.39
Radiator: Coated  Converter: Out  Target: 100% 12C
TAC (circle one): in/out  Enabled Triggers  Prescale Factor
1
2
3
Time end: 02:29  Number of events: 304.7M
Data quality (circle one): Good/junk
Comments: Production ON 10% C
PrimEx-II Run Sheet, Run Number: 65049
Date: Nov 3 Time start: 0:30 Shift Persons: P.A. & D.P.
Electron beam current: 100 & Live time: 91\%
Connector: 10 & 4 A Live 40000
Converter: OUT Target: 10% 12 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c}
\text{F1} \\
\text{F2} \\
\text{F3} \\
\text{F4} \\
\text{F5} \\
\text{F6} \\
\end{array} \]
\[ \frac{4}{0000} \]
\[ \frac{1}{35} \]
Time end: 2:15 Number of events: 31.5 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65050
Date: Nov 3 Time start: 1:15 Shift Persons: P.A. & D.P.
Electron beam current: 100 A MOR rate: 21 MHz PS rate: 217 kHz
Connector: 10 & 4 A Live 35000
Converter: OUT Target: 10% 12 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c}
\text{F1} \\
\text{F2} \\
\text{F3} \\
\text{F4} \\
\text{F5} \\
\text{F6} \\
\end{array} \]
\[ \frac{4}{0000} \]
\[ \frac{1}{35 00} \] 710
Time end: 2:35 Number of events: 20 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65051
Date: Nov 3 Time start: 2:57 Shift Persons: P.A. & D.P.
Electron beam current: 100 u A MOR rate: 21 MHz PS rate: 21 M Hz
Connector: 10 & 4 A Live 35000
Converter: OUT Target: 10% 12 C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c}
\text{F1} \\
\text{F2} \\
\text{F3} \\
\text{F4} \\
\text{F5} \\
\text{F6} \\
\end{array} \]
\[ \frac{2}{0000} \]
\[ \frac{1}{35 00} \] 710
Time end: 4:35 Number of events: 30 M
Data quality (circle one): good/junk
Comments:

PROD. ON 10% C
PrimEx-II Run Sheet, Run Number: 65052
Date: NOV 7 Time start: 4:38 Shift Persons: P.A & D.P
Electron beam current: 100 A MOR rate: 20 NH2 PS rate: 0.2 NH2
DAQ rate: 5 kH2 Live time: 91%
Radiator: 10% Conv. Converter: OUT Target: 10% 12C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 40000
T2 0
T3 1
T4 3500
Time end: 6:30 Number of events: 33 M
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65053
Date: NOV 7 Time start: 6:30 Shift Persons: P.A & D.P
Electron beam current: 100 A MOR rate: 80 NH2 PS rate: 0.2 NH2
DAQ rate: 5 kH2 Live time: 91%
Radiator: 10% Conv. Converter: OUT Target: 10% 12C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
T1 40000
T2 0
T3 1
T4 3500
Time end: 8:50 Number of events: 30 M
Data quality (circle one): good/junk
Comments: PROP Run End Failed

PrimEx-II Run Sheet, Run Number: 65054
Date: ______ Time start: _______ Shift Persons: _______
Electron beam current: _______ MOR rate: _______ PS rate: _______
DAQ rate: _______ Live time: _______
Radiator: _______ Conv. Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers Prescale Factor
________
________
________
Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: _______
PrimEx-II Run Sheet, Run Number: 65055
Date: Nov 7  Time start: 9:00  Shift Persons: Nurses  S. Taylor
Electron beam current: 100 mA  MOR rate: 268  HYCAL rate: 6889
PS rate: 223 kHz  DAQ rate: 5 kHz  DAQ Live time: 91%
Radiator: 10-4 Au  Converter: out  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
3
5
10000
3300

Time end: 9:30  Number of events: 10 M
Data quality (circle one): good/junk ?
Comments:
P.F.D. could be junk because differential rate in run control was 0

PrimEx-II Run Sheet, Run Number: 63056 - 65058 junk
Date:        Time start:      Shift Persons:  
Electron beam current:  MOR rate:  HYCAL rate:  
PS rate:  DAQ rate:  DAQ Live time:  
Radiator:  Converter:  Target:  
TAC (circle one): in/out
Enabled Triggers  Prescale Factor

Time end:  Number of events:  
Data quality (circle one): good/junk
Comments:

junk runs while fixing LMS position

PrimEx-II Run Sheet, Run Number: 65059
Date:  Nov 7  Time start: 10:05  Shift Persons:  Nurses  S. Taylor
Electron beam current: 100 mA  MOR rate: 268  HYCAL rate: 6957
PS rate:  DAQ rate: 5 kHz  DAQ Live time: 91%
Radiator: 10-4 Au  Converter: out  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
3
7
10000
5000

Time end: 11:49  Number of events: 30 M
Data quality (circle one): good/junk
Comments:

Prod. iC
PrimEx-II Run Sheet, Run Number: 65060
Date: Nov 7 Time start: 10:06 Shift Persons: Vitesse, S. Taylor, Ashot
Electron beam current: 100 mA MOR rate: 153 MHz HYCAL rate: 4
PS rate: 0 DAQ rate: 9 kHz DAQ Live time: 97.9%
Radiator: 10.5 AC Converter: out Target: empty
TAC (circle one): in/out Enabled Triggers Prescale Factor

1 2 5 9

Time end: #10 TAC Number of events: 13 M
Data quality (circle one): good/junk Comments:

Normalization TAC empty target run
1 counters = 100 Hz

PrimEx-II Run Sheet, Run Number: 65061
Date: Nov 7 Time start: 12:31 Shift Persons: Vitesse, S. Taylor, Ashot
Electron beam current: 0.1 mA MOR rate: 124 MHz HYCAL rate: 5
PS rate: 10 DAQ rate: 800 kHz DAQ Live time: 98.6%
Radiator: 10.5 AC Converter: out Target: 100% C
TAC (circle one): in/out Enabled Triggers Prescale Factor

1 2 5 9

Time end: 12:46 Number of events: 1.4 M
Data quality (circle one): good/junk Comments:

Normalization TAC run on 100% C

PrimEx-II Run Sheet, Run Number: 65062
Date: Nov 7 Time start: 12:31 Shift Persons: Vitesse, S. Taylor, Ashot
Electron beam current: 0.1 mA MOR rate: 124 MHz HYCAL rate: 5
PS rate: 10 DAQ rate: 800 kHz DAQ Live time: 98.6%
Radiator: 10.5 AC Converter: out Target: 100% C
TAC (circle one): in/out Enabled Triggers Prescale Factor

1 2 5 9

Time end: 12:46 Number of events: 1.4 M
Data quality (circle one): good/junk Comments:
PrimEx-II Run Sheet, Run Number: 65063
Date: Nov 7 Time start: 12:53 Shift Persons: Nasr, S. Tayor, Ashot
Electron beam current: 0.14 A MOR rate: 1200 HYCAL rate: 5
PS rate: 12 DAQ rate: 800 DAQ Live time: 98%
Radiator: 10^-3 AC Converter: out Target: 10%?

TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
1 \\
2 \\
5 \\
7 \\
\end{array}
\]

Time end: 13:22 Number of events: 1.7 M
Data quality (circle one): good/junk
Comments:

\[\text{Norm. TAC run on } 10\% \text{ Si}\]
\[\text{TAC counters } = 80 \text{ Hz}\]

PrimEx-II Run Sheet, Run Number: 65064
Date: Nov 7 Time start: 13:31 Shift Persons: Nasr, S. Tayor, Ashot
Electron beam current: 0.14 A MOR rate: 1200 HYCAL rate: 5
PS rate: 0 DAQ rate: 800 DAQ Live time: 98%
Radiator: 10^-3 AC Converter: out Target: empty

TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
1 \\
2 \\
5 \\
7 \\
\end{array}
\]

Time end: 14:25 Number of events: 0.9 M
Data quality (circle one): good/junk
Comments:

\[\text{Norm. TAC run on with empty target}\]
\[\text{TAC counters } = 80 \text{ Hz}\]

PrimEx-II Run Sheet, Run Number: 65065
Date: Nov 7 Time start: 14:10 Shift Persons: Nasr, S. Tayor, Ashot
Electron beam current: 120 nA MOR rate: 384 HYCAL rate: 2349
PS rate: 0 DAQ rate: 4 kHz DAQ Live time: 92%
Radiator: 3.10^-4 Au Converter: out Target: empty

TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
1 \\
2 \\
5 \\
7 \\
\end{array}
\]

Time end: 14:25 Number of events: 3.6 M
Data quality (circle one): good/junk
Comments:

\[\text{PROD Run with empty target}\]
\[\text{run end failed}\]
PrimEx-II Run Sheet, Run Number: 65066
Date: Nov 7  Time start: 14:32  Shift Persons: Neves, S. Taylor
Electron beam current: 110 mA  MOR rate: 15 Hz  HYCAL rate: 355 Hz
PS rate: 0  DAQ rate: 3400  DAQ Live time: 94.5%
Radiator: 3.10^3 Au  Converter: out  Target: empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  100,000
2  0
3  3
4  3,500
Time end: 30.2 M
Number of events: 30.2 M
Data quality (circle one): good junk
Comments:
---

PrimEx-II Run Sheet, Run Number: 65067
Date: Nov 7  Time start: 16:39  Shift Persons: McManus, L. Johnson
Electron beam current: 110 mA  MOR rate: 15 Hz  HYCAL rate: 355 Hz
PS rate: 0  DAQ rate: 3400  DAQ Live time: 94.5%
Radiator: 3.10^3 Au  Converter: out  Target: empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  100
2  1
3  3
4  3,500
Time end: 19:35 pm  Number of events: 30.5 M
Data quality (circle one): good junk
Comments:
---

PrimEx-II Run Sheet, Run Number: 65068
Date: Nov 7  Time start: 19:53  Shift Persons: McManus, L. Johnson
Electron beam current: 110 mA  MOR rate: 15 Hz  HYCAL rate: 355 Hz
PS rate: 0  DAQ rate: 3400  DAQ Live time: 94.5%
Radiator: 3.10^3 Au  Converter: out  Target: empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  100
2  1
3  3
4  3,500
Time end: 22:17  Number of events: 30.4 M
Data quality (circle one): good junk
Comments:
PrimEx-II Run Sheet, Run Number: 65069
Date: Nov 7th Time start: 23:17 Shift Persons: Michele Monzen
Electron beam current: 110 uA MOR rate: 154 HYCAL rate: 354
PS rate: 0 DAQ rate: 9.6 u DAQ Live time: 93.60
Radiator: cold Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
\frac{1}{2} \\
0 \\
\frac{3}{5} \\
3.5k
\end{array}
\]
Time end: O:20 Number of events: 234
Data quality (circle one): good/junk
Comments:
ENDED IN TAGE3 CRASH

---

PrimEx-II Run Sheet, Run Number: 65070
Date: Nov 8 Time start: 1:12 Shift Persons: P.A. O.D.P.
Electron beam current: 120 uA MOR rate: 159 HYCAL rate: 354
PS rate: 0 DAQ rate: 9.5 u DAQ Live time: 94.76
Radiator: cold Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
T1 \\
0 \\
T5 \\
3500 T10
\end{array}
\]
Time end: 3:45 Number of events: 304
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65071
Date: Nov 8 Time start: 3:45 Shift Persons: P.A. O.D.P.
Electron beam current: 120 uA MOR rate: 159 HYCAL rate: 354
PS rate: 0 DAQ rate: 9.5 u DAQ Live time: 94.76
Radiator: cold Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
\frac{1}{2} \\
0 \\
\frac{3}{5} \\
3.5k
\end{array}
\]
Time end: 3:45 Number of events: 304
Data quality (circle one): good/junk
Comments:
DAQ CRASH ENDS EMPTY TGT RUN
PrimEx-II Run Sheet, Run Number: 65072
Date: Nov 8  Time start: 6:10  Shift Persons: PA & DF
Electron beam current: 120 mA  MOR rate: 155  HYCAL rate: 3.7 kHz
PS rate: 0  DAQ rate: ~ 2.8 kHz  DAQ Live time: 93.9%
Radiator: 2 x 15 Au  Converter: out  Target: empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
T1 100,000
T2 0
T5 3,500
Time end: 8:25  Number of events: 30 M
Data quality (circle one): good/junk
Comments: PROD on empty

PrimEx-II Run Sheet, Run Number: 65073
Date: Nov 8  Time start: 8:26  Shift Persons: Nieves, Solgado
Electron beam current: 120 mA  MOR rate: 157  HYCAL rate: 3.7 kHz
PS rate: 0  DAQ rate: ~ 4 kHz  DAQ Live time: 94.9%
Radiator: 3.10^4 Au  Converter: out  Target: empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1 100,000
2 0
3 3,500
Time end: 11:04  Number of events: 33 M
Data quality (circle one): good/junk
Comments: PROD on empty

PrimEx-II Run Sheet, Run Number: 65074
Date: Nov 8  Time start: 11:05  Shift Persons: Nieves, Solgado
Electron beam current: 120 mA  MOR rate: 161  HYCAL rate: 3.836 kHz
PS rate: 0  DAQ rate: ~ 4 kHz  DAQ Live time: 92.6%
Radiator: 3.10^4 Au  Converter: out  Target: empty
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1 100,000
2 0
3 3,500
Time end: ~12:00  Number of events: 15.8 M
Data quality (circle one): good/junk
Comments: PROD on empty
PrimEx-II Run Sheet, Run Number: 65075
Date: Nov 08 Time start: 12:57 Shift Persons: Nenes, Salgado, Asho
Electron beam current: 10, 5, 3 nA MOR rate: Y HYCAL rate: 14.6
PS rate: DAQ rate: 50 nA DAQ Live time:
Radiator: 10-4 Au Converter: out Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50,000
2 5
3 3,500

Time end: 13:09 Number of events: 
Data quality (circle one): good/junk
Comments:
Probably junk. Data were taken with a motor bead current 10 nA, 5 nA, and 3 nA

PrimEx-II Run Sheet, Run Number: 65076
Date: Nov 8 Time start: 13:10 Shift Persons: Nenes, Salgado, Asho
Electron beam current: 1 nA MOR rate: 60 HYCAL rate: 92.48
PS rate: DAQ rate: 0 nA DAQ Live time:
Radiator: 10-4 Au Converter: out Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: 
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65073
Date: Nov 8 Time start: 13:26 Shift Persons: Nenes, Salgado, Asho
Electron beam current: 5 nA MOR rate: 9 HYCAL rate: 4.44
PS rate: 0 nA DAQ rate: 50 nA DAQ Live time: 92 %
Radiator: 10-4 Au Converter: out Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
1 50,000 - for next run make it 600
2 5
3 3,500

Time end: 14:53 Number of events: 20
Data quality (circle one): good/junk
Comments:
PROD after DAQ recovery LMS was not synced. LMS synced while taking data at the beginning of this run.
PrimEx-II Run Sheet, Run Number: 65078
Date: Nov 8  Time start: 14:154  Shift Persons: Nenes Salgado
Electron beam current: 3 mA  MOR rate: 420  HYCAL rate: 3661
PS rate: 10 -4  DAQ rate: 4 kHz  DAQ Live time: 82%
Radiator: 10^-4  A  Converter: out  Target: 100% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
6
3,500
Time end: Number of events: 30 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65079
Date: Nov 8  Time start: 14:41  Shift Persons: Millicellle Kubo
Electron beam current: 3 mA  MOR rate: HYCAL rate:
PS rate: 10^-4  DAQ rate: 4.5 kHz  DAQ Live time:
Radiator: 10^-4  A  Converter: out  Target: 100% Si
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
3,500
Time end: 17:22  Number of events: 12 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65080
Date: Nov 8  Time start: 14:21  Shift Persons: Millicellle Kubo
Electron beam current: 5 mA  MOR rate: 420  HYCAL rate: 3661
PS rate: 10^-4  DAQ rate: 3.3 kHz  DAQ Live time: 96%
Radiator: 10^-4  A  Converter: out  Target: 100% Carbon
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
3,500
Time end: 19:20  Number of events: 30 M
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 65081
Date: Nov 8  Time start: 19:12  Shift Persons: Mihalevski, Kubarsky
Electron beam current: 20 mA  MOR rate: 256  HYCAL rate: 4.0
PS rate: 0  DAQ rate: 3.9 kHz  DAQ Live time: 8480.9
Converter: out  Target: 100% 12 C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  3000
2  0
5  0
4  3500
Time end: 10:28:39  Number of events: 24510
Data quality (circle one): good  junk
Comments:

PrimEx-II Run Sheet, Run Number: 65081
Date: Nov 8  Time start: 20:45  Shift Persons: Mihalevski, Kubarsky
Electron beam current: 90 mA  MOR rate: 356  HYCAL rate: 2.5
PS rate: 0  DAQ rate: 2.6 kHz  DAQ Live time: 93%
Converter:  Target: EMPTY
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  3000
2  0
4  0
Time end: 02:00:50  Number of events: 663K
Data quality (circle one): good  junk
Comments: short run

PrimEx-II Run Sheet, Run Number: 65081
Date: Nov 8  Time start: 20:53  Shift Persons: Mihalevski, Kubarsky
Electron beam current: 50 100 mA  MOR rate: 256  HYCAL rate: 2.5
PS rate: 0  DAQ rate: 2.6 kHz  DAQ Live time: 93%
Converter:  Target: EMPTY
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1  30000
2  0
4  0
Time end: 02:00:21  Number of events: 511
Data quality (circle one): good  junk
Comments:
Compton EMPTY run

PrimEx-II Run Sheet, Run Number: 65084
Date: Nov 8 Time start: 20:28 Shift Persons: Huther-Derivits Kuklovsky
Electron beam current: 1000 μA MOR rate: 287 HYCAL rate: 2K
PS rate: 0 DAQ rate: 2.8 K DAQ Live time: 96%
Radiator: 10^-4 Au Converter: out Target: EMPTY
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ccc}
1 & -30,000 \\
2 & -8 \\
3 & -9,000 \\
\end{array}
\]
Time end: 20:40 Number of events: 316 1
Data quality (circle one): good/junk
Comments:

------------

H magnet: 200 A Field value: 0.131 T
target: Carbon 100% part. spec. is counting 2K Hz.

PrimEx-II Run Sheet, Run Number: 65085
Date: Nov 8 Time start: 21:48 Shift Persons: Huther-Derivits Kuklovsky
Electron beam current: 2 mA MOR rate: 371 HYCAL rate: 116 K
PS rate: 50 DAQ rate: 5,600/s DAQ Live time: 40%
Radiator: 10^-4 Au Converter: out Target: 10^-2 Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ccc}
1 & -1000 \\
2 & -8 \\
3 & -9 \\
\end{array}
\]
Time end: 21:58 Number of events: 860,000
Data quality (circle one): good/junk
Comments: But very high rate on HYCAL !

------------

We changed prescale factor on HYCAL by 20%, to 12:19.

PrimEx-II Run Sheet, Run Number: 65086
Date: Nov 8 Time start: 21:58 Shift Persons: Huther-Derivits Kuklovsky
Electron beam current: 150 mA MOR rate: 26 HYCAL rate: 40%
PS rate: 380 DAQ rate: 1,841/sec DAQ Live time: 99.0%
Radiator: 10^-4 Au Converter: out Target: 10^-2 Carbon
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{ccc}
1 & -1000 \\
2 & -19 \\
3 & -9 \\
\end{array}
\]
Time end: 21:58 Number of events: 1,87 1
Data quality (circle one): good/junk
Comments: Weight note!
PrimEx-II Run Sheet, Run Number: 65087
Date: Nov 8 Time start: 22:37 Shift Persons: H. Heuer, D. Kulcsar
Electron beam current: 110 uA MOR rate: 370 HYCAL rate: 3.82
PS rate: 0 DAQ rate: 3.9 kHz DAQ Live time: 90%
Radiator: 3 x 10^-4 Am Converter: out Target: EMPTY
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
\text{1} & 5000 \\
\text{5} & 0 \\
\text{3} & 3500 \\
\end{array}
\]
Time end: 1:05 Number of events: 40
Data quality (circle one): good/junk
Comments: PROP ON 0% EMPTY

PrimEx-II Run Sheet, Run Number: 65088
Date: Nov 9 Time start: 1:05 Shift Persons: J. A. B. D. P.
Electron beam current: 120 uA MOR rate: 317 HYCAL rate: 3.8 kHz
PS rate: 0 DAQ rate: 3.9 kHz DAQ Live time: 92%
Radiator: 3 x 10^-4 Am Converter: out Target: EMPTY
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
\text{11} & 50000 \\
\text{12} & 0 \\
\text{17} & 3500 \\
\end{array}
\]
Time end: 3:35 Number of events: 41
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65089
Date: Time start: Shift Persons: J. A. B. D. P.
Electron beam current: MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: Converter: Target:
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
\text{11} & \\
\text{12} & \\
\text{17} & \\
\end{array}
\]
Time end: Number of events:
Data quality (circle one): good/junk
Comments:

DAQ PROBLEMS
PrimEx-II Run Sheet, Run Number: 65091
Radiator: _______ Converter: _______ Target: _______
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
<table>
<thead>
<tr>
<th>T1</th>
<th>T2</th>
<th>T3</th>
<th>T4</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>50000</td>
<td>0</td>
<td>3500</td>
<td></td>
</tr>
</tbody>
</table>
Time end: _______ Number of events: _______
Data quality (circle one): good/junk
Comments: DAQ PROBLEMS

PrimEx-II Run Sheet, Run Number: 65092
Date: Nov 9 Time start: 3:54 Shift Persons: P.A. & D.P. Electron beam current: 120 uA MOR rate: 315 HYCAL rate: 3.8 kHz PS rate: 0 DAQ rate: ~ 4 kHz DAQ Live time: 90%
Radiator: 3 x 0.4 Au Converter: OUT Target: EMPTY
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
<table>
<thead>
<tr>
<th>T1</th>
<th>T2</th>
<th>T3</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>3500</td>
</tr>
</tbody>
</table>
Time end: 6:42 Number of events: 43M
Data quality (circle one): good/junk
Comments: PROD. ON EMPTY TGT

PrimEx-II Run Sheet, Run Number: 65093
Date: Nov 9 Time start: 6:44 Shift Persons: P.A. & D.P. Electron beam current: 120 uA MOR rate: 316 HYCAL rate: ~ 3.9 kHz PS rate: 0 DAQ rate: ~ 4 kHz DAQ Live time: 92%
Radiator: 3 x 0.4 Au Converter: OUT Target: EMPTY
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
<table>
<thead>
<tr>
<th>T1</th>
<th>T2</th>
<th>T3</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>3500</td>
</tr>
</tbody>
</table>
Time end: 09:54 Number of events: 34.9 M
Data quality (circle one): good/junk
Comments: PROD. Noticed that classes 2 wasn't running.
t. counters were not shown in the epics too.
tage, tagel, tages 3 were running. Data should be good,
PrimEx-II Run Sheet, Run Number: 65094
Date: Nov 9 Time start: 8:56  Shift Persons: Nurses Brian
Electron beam current: 120 uA MOR rate: 329 HYCAL rate: 38.16
PS rate: 0 DAQ rate: 47 kHz DAQ Live time: 92%
Radiator: 3.00 Au Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c|c}
\text{1} & 50000 \\
\text{2} & 0 \\
\text{4} & 3500 \\
\end{array} \]
Time end: 10:45 Number of events: 30 M
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65095
Date: Nov 9 Time start: 10:45  Shift Persons: Nurses Brian
Electron beam current: 120 uA MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: 3.00 Au Converter: Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c|c}
\text{1} & 50000 \\
\text{2} & 0 \\
\text{4} & 3500 \\
\end{array} \]
Time end: 12:02 Number of events: 20 M
Data quality (circle one): good/junk
Comments: PROD

---

PrimEx-II Run Sheet, Run Number: 65096
Date: Nov 9 Time start: 12:08  Shift Persons: Nurses Brian
Electron beam current: 100 uA MOR rate: 215 HYCAL rate: 68.32
PS rate: 240 kHz DAQ rate: 8.500 DAQ Live time: 91%
Radiator: 10.4 Au Converter: out Target: 18% C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{c|c}
\text{1} & 50000 \\
\text{2} & 0 \\
\text{4} & 3500 \\
\end{array} \]
Time end: 13:47 Number of events: 30 M
Data quality (circle one): good/junk
Comments: PROD 18% C
PrimEx-II Run Sheet, Run Number: 65097
Date: Nov 9 Time start: 13:48 Shift Persons: Nurses, Brian
Electron beam current: \( 100 \mu A \) MOR rate: \( 882 \) HYCAL rate: 4082
PS rate: \( \frac{1}{5} \) DAQ rate: \( 45-5 \) kHz DAQ Live time: 90%
Radiator: \( 10^{-3} \) Al Converter: out Target: \( 40 \% \) C
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
\text{1} & 0 \\
\hline
\text{2} & 0 \\
\text{5} & \text{disabled}
\end{array}
\]
Time end: 15:05 Number of events: 23 M
Data quality (circle one): good/junk
Comments: PBOO

PrimEx-II Run Sheet, Run Number: 65098
Date: Nov 9 Time start: 13:17 Shift Persons: Nurses, Brian
Electron beam current: \( 100 \mu A \) MOR rate: 1034 HYCAL rate: 4
PS rate: \( \frac{1}{5} \) DAQ rate: 3 kHz DAQ Live time: 95%
Radiator: \( 10^{-3} \) Al Converter: out Target: \( \text{empty} \)
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
\text{1} & 0 \\
\hline
\text{2} & \text{disabled}
\end{array}
\]
Time end: 15:44 Number of events: 5.5 M
Data quality (circle one): good/junk
Comments: TAC run, HALL A = 3 \( \mu A \), HALL C - off

PrimEx-II Run Sheet, Run Number: 65099
Date: Nov 9 Time start: 13:45 Shift Persons: Nurses, Brian, Ashot
Electron beam current: \( 100 \mu A \) MOR rate: 1000 HYCAL rate: 4
PS rate: \( \frac{1}{5} \) DAQ rate: 4 kHz DAQ Live time: 94%
Radiator: \( 10^{-3} \) Al Converter: out Target: \( \text{empty} \)
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c|c}
\text{1} & 0 \\
\hline
\text{2} & \text{disabled}
\end{array}
\]
Time end: 15:25 Number of events: 4.5 M
Data quality (circle one): good/junk
Comments: TAC run, HALL A B C are down
PrimEx-II Run Sheet, Run Number: 5150
Date: 11/09 Time start: 16:15 Shift Persons: A. M. K., S. Long
Electron beam current: 1.00 A MOR rate: 1.84 HYCAL rate: 
PS rate: 0.0 DAQ rate: 1.04 DAQ Live time: 83.4%
Radiator: 0.86 A Converter: 0.01 Target: 105 C
TAC (circle one): In/out Enabled Triggers Prescale Factor
\[ \frac{1}{2} \quad 0 \quad \text{disabled} \]
\[ \frac{2}{5} \quad 0 \quad \text{disabled} \]
Time end: 15:30 Number of events: 
Data quality (circle one): good/junk Comments:

PrimEx-II Run Sheet, Run Number: 51501
Date: 11/09 Time start: 16:30 Shift Persons: A. M. K., S. Long
Electron beam current: 2.50 A MOR rate: 5.22 HYCAL rate: 
PS rate: 0.40 DAQ rate: 2.32 DAQ Live time: 86.3%
Radiator: 1.64 A Converter: 0.01 Target: 105 C
TAC (circle one): In/out Enabled Triggers Prescale Factor
\[ \frac{1}{2} \quad 0 \quad \text{disabled} \]
\[ \frac{2}{5} \quad 0 \quad \text{disabled} \]
Time end: 16:50 Number of events: 411
Data quality (circle one): good/junk Comments:

PrimEx-II Run Sheet, Run Number: 51502
Date: 11/09 Time start: 16:35 Shift Persons: A. M. K., S. Long
Electron beam current: 2.58 A MOR rate: 4.96 HYCAL rate: 
PS rate: 0.40 DAQ rate: 2.04 DAQ Live time: 92.2%
Radiator: 1.6 A Converter: 0.01 Target: 105 C
TAC (circle one): In/out Enabled Triggers Prescale Factor
\[ \frac{1}{2} \quad 0 \quad \text{disabled} \]
\[ \frac{2}{5} \quad 0 \quad \text{disabled} \]
Time end: 17:18 Number of events: 410
Data quality (circle one): good/junk Comments:
PrimEx-II Run Sheet, Run Number: 65103
Date: 11/9 Time start: 07:20 Shift Persons: A. Ochoton, K. Foss
Electron beam current: 250 mA MOR rate: 5k HYCAL rate: 0
PS rate: 0 DAQ rate: 1.7k DAQ Live time: 97%
Radiator: 16 x 10^5 AL Converter: 20 AL Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
\frac{1}{2} \\
\frac{5}{7} \\
0 \\
\end{array}
\]
PS = 250A B = -1.64 TAC = \text{107k}

Time end: 17:30 Number of events: 111
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65164
Date: 11/9 Time start: 07:40 Shift Persons: A. Ochoton, K. Foss
Electron beam current: 250 mA MOR rate: 4.6k HYCAL rate: 5
PS rate: 30 DAQ rate: 1.6k DAQ Live time: 232
Radiator: 16 x 10^5 AL Converter: out Target: 10% Si
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
\frac{1}{2} \\
\frac{5}{7} \\
0 \\
\end{array}
\]
PS = -3185 B = -1.88 TAC = 84k

Time end: 19:00 Number of events: 104
Data quality (circle one): good/junk
Comments:

---

PrimEx-II Run Sheet, Run Number: 65105
Date: 11/9 Time start: 19:40 Shift Persons: A. Ochoton, K. Foss
Electron beam current: 250 mA MOR rate: 4.1k HYCAL rate: 6
PS rate: 0 DAQ rate: 2k DAQ Live time: 96%
Radiator: 16 x 10^5 AL Converter: out Target: Empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[
\begin{array}{c}
\frac{1}{2} \\
\frac{5}{7} \\
0 \\
\end{array}
\]
TAC = 75k

Time end: 22 Number of events: 
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 65106
Date: 11/19  Time start: 9:15  Shift Persons:  
Electron beam current: 3.50  MOR rate: 4.3k  HYCAL rate:  
PS rate:  0  DAQ rate:  2k  DAQ Live time: 9.67  
Radiator: 240k  Converter:  out  Target:  Expl
TAC (circle one):  in/out
Enabled Triggers  Prescale Factor

Time end: 19:30  Number of events:  1.8m  
Data quality (circle one):  good/junk  
Comments: 

Data production 12th

PrimEx-II Run Sheet, Run Number: 65107
Date: 11/19  Time start: 9:50  Shift Persons:  
Electron beam current: 10.6k  MOR rate: 20.9 M  HYCAL rate: 5k
PS rate:  240k  DAQ rate:  7k  DAQ Live time: 9.67
Radiator: 240k  Converter:  on  Target:  1070
TAC (circle one):  in/out
Enabled Triggers  Prescale Factor

Time end: 21:20  Number of events:  26m  
Data quality (circle one):  good/junk  
Comments: 

PrimEx-II Run Sheet, Run Number: 65108
Date: 11/20  Time start: 9:10  Shift Persons:  
Electron beam current: 180k  MOR rate: 21 M  HYCAL rate: 5k
PS rate:  240k  DAQ rate:  7k  DAQ Live time: 9.67
Radiator: 10.4k  Converter:  on  Target:  1070
TAC (circle one):  in/out
Enabled Triggers  Prescale Factor

Time end: 21:50  Number of events:  57k  
Data quality (circle one):  good/junk  
Comments:
PrimEx-II Run Sheet, Run Number: 65109
Electron beam current: 1630 A  MOR rate: 20.7 MHz  HYCAL rate: 52
PS rate: 240 kHz  DAQ rate: 3 k Hz  DAQ Live time: 90
Radiator: 10.4 A u  Converter: 0.4 A  Target: 100 MC
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
2
5
1

Time end: 0:32  Number of events: 30 M
Data quality (circle one): good/junk
Comments: Prod. on 10% C

PrimEx-II Run Sheet, Run Number: 65110
Date: 11/4 5:10  Time start: 0:23  Shift Persons: R.N., S.M., N.K.
Electron beam current: 1000 A  MOR rate: 21 MHz  HYCAL rate: 42 kHz
PS rate: 0.23 MHz  DAQ rate: 5 k Hz  DAQ Live time: 90.90
Radiator: 10.4 A u  Converter: 0.4 A  Target: 100 MC
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
2
5
1

Time end: 2:25  Number of events: 30 M
Data quality (circle one): good/junk
Comments: Prod. @ 10% C

PrimEx-II Run Sheet, Run Number: 65111
Electron beam current: 1000 A  MOR rate: 21 MHz  HYCAL rate: 42 kHz
PS rate: 0.24 MHz  DAQ rate: 5 k Hz  DAQ Live time: 90.90
Radiator: 10.4 A u  Converter: 0.4 A  Target: 100 MC
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
2
5
1

Time end: 4:15  Number of events: 33 M
Data quality (circle one): good/junk
Comments: Prod. @ 10% C
PrimEx-II Run Sheet, Run Number: 65112
Date: Nov 10  Time start: 4:15  Shift Persons: P.A. & H.L.
Electron beam current: 105 µA  MOR rate: 20 MHz  HYCAL rate: 4.8 kHz
PS rate: 0.24 Hz  DAQ rate: 6.5 kHz  DAQ Live time: 91%
Radiator: 18-4 AV  Converter: 125  Target: 10%
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1 0 0
2 3 0
3 0 0
4 0 0
5 0 0
Time end: 5:16  Number of events: 710,174
Data quality (circle one): good/junk
Comments: P007 @ 10% C

---

PrimEx-II Run Sheet, Run Number: 65112
Date:  Time start:  Shift Persons:  
Electron beam current:  MOR rate:  HYCAL rate:  
PS rate:  DAQ rate:  DAQ Live time:  
Radiator:  Converter:  Target:  
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
2
1
Time end:  Number of events:  
Data quality (circle one): good/junk
Comments:  

---

PrimEx-II Run Sheet, Run Number: 65114
Date: Nov 10  Time start: 12:36  Shift Persons:  
Electron beam current: 200 µA  MOR rate: 4.8 kHz  HYCAL rate: 60
PS rate: 14 Hz  DAQ rate: 8 kHz  DAQ Live time: 80%
Radiator: 10-3 AV  Converter:  out  Target: 10% C
TAC (circle one): in/out
Enabled Triggers  Prescale Factor
1
0
2
0
3
0
0
Time end: 12:42  Number of events: 600k
Data quality (circle one): good/junk
Comments: P007 in runcontrol comment it is written fun but due to good.
PrimEx-II Run Sheet, Run Number: 65 115
Date: Nov 10 Time start: 12:50 Shift Persons: N v e s G r i e m
Electron beam current: 100 pA MOR rate: HYCAL rate:
PS rate: DAQ rate: DAQ Live time:
Radiator: Converter: Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65 116
Date: Nov 10 Time start: 12:58 Shift Persons: N v e s G r i e m
Electron beam current: 2600 pA MOR rate: 40000 HYCAL rate: 10000
PS rate: DAQ rate: 10000 DAQ Live time: 10%
Radiator: 10-5 A L Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 15:18 Number of events: 1711
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65 117
Date: Nov 10 Time start: 17:45 Shift Persons: N v e s G r i e m
Electron beam current: 1000 pA MOR rate: 100 HYCAL rate: 500
PS rate: DAQ rate: 12.3 DAQ Live time: 13%
Radiator: 1.6 x 10^-3 Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: 20:50 Number of events: 255 m
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 6511B
Date: 11/10 Time start: 250 PM Shift Persons: P. Feindt, E. Jung
Electron beam current: 250 pA MOR rate: 0 kHz HYCAL rate: 0 kHz
PS rate: 1 kHz DAQ rate: 45 kHz DAQ Live time: 10 mins
Radiator: 
Converter: 
Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events: 8.00
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 6512A
Date: 11/10 Time start: 20045 Shift Persons: P. Feindt, E. Jung
Electron beam current: 250 pA MOR rate: 45 kHz HYCAL rate:
PS rate: 1 kHz DAQ rate: 45 kHz DAQ Live time: 
Radiator: 1.6 x 10^5 Converter: 
Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events:
Data quality (circle one): good/junk
Comments:

PrimEx-II Run Sheet, Run Number: 65123
Date: 11/10 Time start: 250 PM Shift Persons: P. Feindt, E. Jung
Electron beam current: 250 pA MOR rate: 60 kHz HYCAL rate: 10 kHz
PS rate: 1 kHz DAQ rate: 45 kHz DAQ Live time: 10 mins
Radiator: 1.6 x 10^5 Converter: 
Target: 
TAC (circle one): in/out
Enabled Triggers Prescale Factor

Time end: Number of events:
Data quality (circle one): good/junk
Comments:
PrimEx-II Run Sheet, Run Number: 65124
Date: Nov 11 Time start: 1:00 am Shift Persons: #1, #2, many others
Electron beam current: 0.25 mA MOR rate: 124 00 HYCAL rate: 9900
PS rate: 0 DAQ rate: 8 68 DAQ Live time: 89 00
Radiator: 1.6x10^5 Cm Converter: out Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{ccc}
2 & 0 \\
4 & 0 \\
8 & 0 \\
\end{array} \]
Time end: 2:17 am Number of events: 41
Data quality (circle one): good/junk
Comments: Snake Scan.

PrimEx-II Run Sheet, Run Number: 65125
Date: 11-11-10 Time start: 2:18 am Shift Persons: #1, #2, #3, others
Electron beam current: 0.25 mA MOR rate: 17 kHz HYCAL rate: 8.9 kHz
PS rate: 0 DAQ rate: 8.6 kHz DAQ Live time: 47 10
Radiator: 1.6x10^5 Cm Converter: Retract Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{ccc}
1 & 0 \\
18 & 0 \\
110 & 0 \\
\end{array} \]
Time end: 03:38 Number of events: 40
Data quality (circle one): good/junk
Comments: Snake Scan.

PrimEx-II Run Sheet, Run Number: 65126
Date: 11/11/10 Time start: 03:38 Shift Persons: #1, #2, #3, others
Electron beam current: 0.25 mA MOR rate: 53 kHz HYCAL rate: 10.6 kHz
PS rate: 0 DAQ rate: 8.1 kHz DAQ Live time: 46 10
Radiator: 1.6x10^5 Cm Converter: Retract Target: empty
TAC (circle one): in/out
Enabled Triggers Prescale Factor
\[ \begin{array}{ccc}
7 & 0 \\
12 & 0 \\
18 & 0 \\
110 & 0 \\
\end{array} \]
Time end: 03:38 Number of events: 42
Data quality (circle one): good/junk
Comments: Snake scan of crystal part.