Single Channel Problem

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Finding a single Channel

- OPR Hit maps
- Light pluser – Hit map
- Emc “badchannels”
- Channel Spectrum
OPR Hit maps

- Single channels which look suspicious @ E = 100MeV and above.
  - $\theta, \phi = 34, 106$  Barrel Fwd_3
  - $\theta, \phi = 33, 83$  Barrel Fwd_2
  - $\theta, \phi = 39, 16$  Barrel Fwd_0
  - $\theta, \phi = 43, 118$  Barrel Fwd_3
  - $\theta, \phi = 50, 75$  Barrel Fwd_2
Light Pulser
Emc bad-channels

- **6 3 0:** [Tue Mar 20 10:57:50 PST 2001 ivo] ecal: slightly hi chi2, gains and fits OK. srccal: unmasked, now fine; still has many raw triggers;
  \[ \theta, \phi = 33, 83 \] Barrel Fwd_2

- **7 1 30:** [Tue Nov 6 15:30:42 PST 2001 bauerj] SrcCal: has always failed, but succeeded Run 132 (Sept20,2001); spectrum has always looked nice although low in gain…….. ecal: all ranges saturate early
  \[ \theta, \phi = 43, 118 \] Barrel Fwd_3

- **6 5 57:** ADB replaced [2002]. [Wed Sep 17 15:25:51 PDT 2003 jamieg] channel appears dead in 0.1, 1 GeV hitmaps…… ecal: x1,x4 gains high, x32,x256 low…… \[ \theta, \phi = 50, 75 \] Barrel Fwd_2
Channel Spectrum

<table>
<thead>
<tr>
<th>theta_33_phi_83</th>
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<tbody>
<tr>
<td>Entries 0</td>
</tr>
<tr>
<td>Mean 0</td>
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<td>RMS 0</td>
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Channel Spectrum

![Histogram graph with data points and statistical values]
Channel Spectrum

```
Entries 70800
Mean   0.02088
RMS    0.02639
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