Status of Opto-Board Production

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October 30, 2013
Introduction

- 3 opto-board flavors
  - nSQP D opto-board (disk, L1, L2): 7 TTC + 14 data links
  - nSQP B opto-board (B-layer): 7 TTC + 14 data links
  - IBL opto-board: 8 TTC + 16 data links
Production Status

- nSQP B opto-boards production completed
  ■ passed reception test at CERN
- IBL opto-boards production completed
  ■ passed reception test at CERN

<table>
<thead>
<tr>
<th></th>
<th>Needed</th>
<th>Completed</th>
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<tbody>
<tr>
<td>IBL</td>
<td>28</td>
<td>40</td>
</tr>
<tr>
<td>B</td>
<td>44</td>
<td>55</td>
</tr>
<tr>
<td>D</td>
<td>228</td>
<td>110</td>
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</tbody>
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Production Rate

- rate for good boards has reached 16 boards/week
- original goal: 10 boards/week
D-Board Production Status

- PCBs with SMD delivered at OSU
- Early August: ordered 300 BeO bases for VCSEL opto-packs
  - received only 60 good bases
  - error in base production by inexperienced operator at vendor
    - 4 week production time (starting Oct. 28)
    - no opto-pack production from Nov. 1st to 25th
  - attempt to recover some opto-packs underway
Production Schedule

BeO base delay

IBL + B production

231 D boards complete
1/3/2014
Summary

- IBL and B boards production completed and delivered
- 110/228 D boards produced
  - 4-week delay due to production error at vendor
  - Expect to complete production on Jan. 3rd