TE-MPE Annual Meeting
Activity report of EM section
Key figures

- 825 new demands since 01.01.15 of which
  - 337 new designs or design changes
  - 333 Manufacturing of PCB (171 at PH-DT-DD)
  - 192 assembly of prototypes in the assembly workshop
  - 46 assembly of MPGD for PH-DT-DD
  - 215 repair or modification in the assembly workshop
  - 134 outsourcing of PCB or crate assembly

- Current workload
  - 127 jobs on-going
  - 99 jobs on the waiting list
Collaboration with BE-BI

BE-BI nominated W. Vigano as **electronics coordinator** for their group.

A **weekly review** of all current and future projects is done, to have a **6-months forecast** of the workload and to **define priorities** between the projects inside the group.

Collaboration with TE-EPC-CCE

**Electronics Development**

- No more in-group PCBs for any product which is mass produced
- Everything converted to EDA-##### or equivalent by MPE-EM
- One place to find all information = EDMS

**Procurement**

- Use MPE-EM services for all electronics procurement
TE-MPE-EM
Collaboration with TE-EPC-CCE

EPC-CCE Development 2015

P-CAD PCB → EDA-####
- FGClite – Analogue Board
- FGC3 – Analogue Board

P-CAD metalwork → EDA-####
- FGClite – Cassette
- FGC3 – Cassette
- RegFGC3 – everything...

New Developments
- FGClite – Main Board
- FGClite – Communications Board
- FGClite – Auxiliary Board
- FGClite – Input/Output Board
- FGClite – Power Board
- FGC3 – Main Board
- FGC3 – Network Board
- RegFGC3 – Power Supply Unit 2.0
- RegFGC3 – Analogue Interlock 2.0
- RegFGC3 – Input / Output Extension 2.0

EPC-CCE Development 2015


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- RegFGC3 – Input / Output Extension 2.0
## TE-MPE-EM
Collaboration with TE-EPC-CCE

Example: RegFGC3 Procurement 2015

<table>
<thead>
<tr>
<th>Board Name</th>
<th>Reference</th>
<th>Quantity</th>
<th>Predicted Cost</th>
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<tbody>
<tr>
<td>Analogue Interlock</td>
<td>EDA-02292-V5-X</td>
<td>419</td>
<td>150k</td>
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<tr>
<td>Analogue Interlock Mezzanine</td>
<td>EDA-02736-V2-X</td>
<td>426</td>
<td>110k</td>
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<td>Diagnostic Interface Module</td>
<td>EDA-03107-V1-0</td>
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<td>Digital Interlock</td>
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<td>Digital Regulation</td>
<td>EDA-02262-V3-0</td>
<td>302</td>
<td>188k</td>
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<td>State Control</td>
<td>EDA-02261-V3-5</td>
<td>395</td>
<td>103k</td>
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<tr>
<td>Extension - LEMO</td>
<td>HCRAJQU002-0</td>
<td>52</td>
<td>16k</td>
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<tr>
<td>Extension</td>
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<td>Termination</td>
<td>HCRAJNO001-0</td>
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<td>37k</td>
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<tr>
<td>Measurement</td>
<td>HCRAJYH002-2</td>
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<td>252k</td>
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<tr>
<td>Maxidiscap Charger Control</td>
<td>EDA-02591-V4-1</td>
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<td>Bouchons Bypass Card</td>
<td>HCRAKFM001-0</td>
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<td>V2V 2ch xTE</td>
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<td>I2V x00A 2ch xTE</td>
<td>EDA-02283-V3-X</td>
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<tr>
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<td>Beam Interlock Mezzanine</td>
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<td>63</td>
<td>16k</td>
</tr>
</tbody>
</table>

=28 types of board  

=3594  

≈1.1M  

>200 EDH documents (DAI, MAG etc.)
July 1st is Boxing Day also at TE-MPE-EM!

Our new addresses

- 622-R-003
- 1-1-030