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CRP Anode weekly meeting

Option A:

- **Market Survey**
 - Alba: [Inspected](#) → results available soon
 - Piciesse: [Requested for delivery in Sep.](#) → no news
 - Eltos: received and inspected, report: [link](#)
 - Icape: received and inspected, report: [link](#)
 - Tecnomec : received and inspected, report: [link](#)
 - Summary report: [link](#)
- **Option A Chaosheng (replacement segments)**
 - [Inspected](#) → results available soon
 - *Yi confirmed the company only focused on hole pattern for this production, not the same effort done in cleaning and finishing because it's a free sample

Option B:

- Manufacturing process summary: [link](#)
- **Segment production (Chaosheng):**
 - All 28 segments inspected at 185 and now waiting for shipment
- **Pressing and milling (MDT):**
 - MDT will test the hot-press tests during week 35 (August 25)
- **Autoclave and milling (MDT):**
 - Tests at MPT with half-size components foreseen on week 35 (August 25)
 - A list of possible companies in the EU (autoclave) is in progress: [link](#)
 - Order placed for several kits of dummy segments → week 35/36
 - Waiting for offers to produce G11 mold pieces to perform autoclave tests at candidate companies
 - From CERN subcontractors/MDT



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→ **High speed drilling (Impex):**

- Test panel received at the factory → drilling tests on-going
→ A few technical questions

Option C:

- GOS produced Alu. samples with nickel plating
- Preparing tests of Alu. PCB at CERN (25 um Alu.)

Procurement:

→ IT-5069/RCS released today (waiting for formal confirmation), covers PCB production for both option A and option B → expected contract signature around October 2nd.

→ MS/DO for the drilling step and lamination is starting → waiting for the procurement office to assign one responsible. Technical documentation well advanced.

→ Need to set a deadline to decide the manufacturing option → proposed end of September

New proposal: option A-bis

- In case option B is not feasible, roll back to option A but with slightly different manufacturing process that ensures long term behaviour
 - Manufacturing of segments with signal holes but no adhesive tape, then lamination of the segments using epoxy glue applied with roller
 - full scale tests are already possible using the “option A replacement” segments with bad tape (ask Rui to fully remove tape residues)

Anode QC at CERN:

- Camera received
- Computer received → some tests foreseen end of this week
- XY table material delivery expected in September

Others:

- ⊕ Anode shipment to CRP factories : **no news**
 - Need to first discuss with compliance office before launching the work
 - Factories will be consulted during the design process
- ⊕ Mass production (draft) schedule:
 - Current schedule : [link](#)
- ⊕ Labelling and DB : **no news**



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Actions items: