



WA105/ProtoDUNE-DP

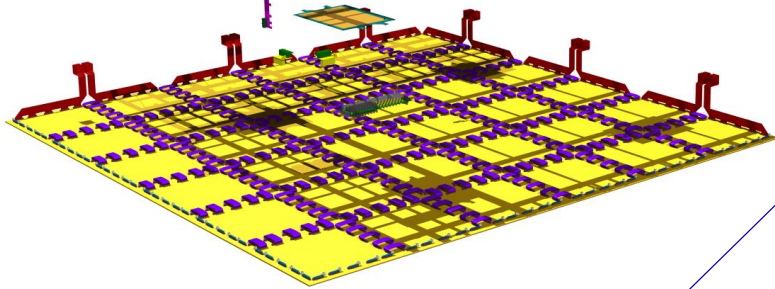
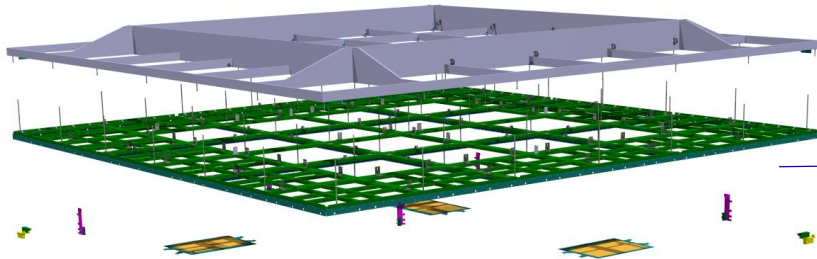
Integration Meeting

30th of June 2017

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CRP parts ordering

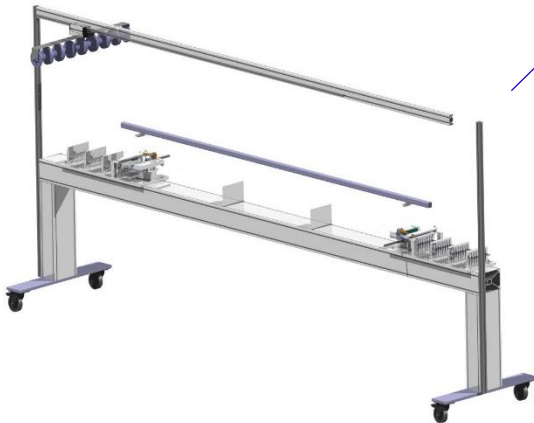


What's ordered :

- Invar frames
- G10 frames
- Extraction grid
- Extraction grid tooling (received)

What's missing :

- (Small ordering delay, waiting for HSE validation)
- Small machined parts for CRP assembly
 - Supporting structure (transport box)



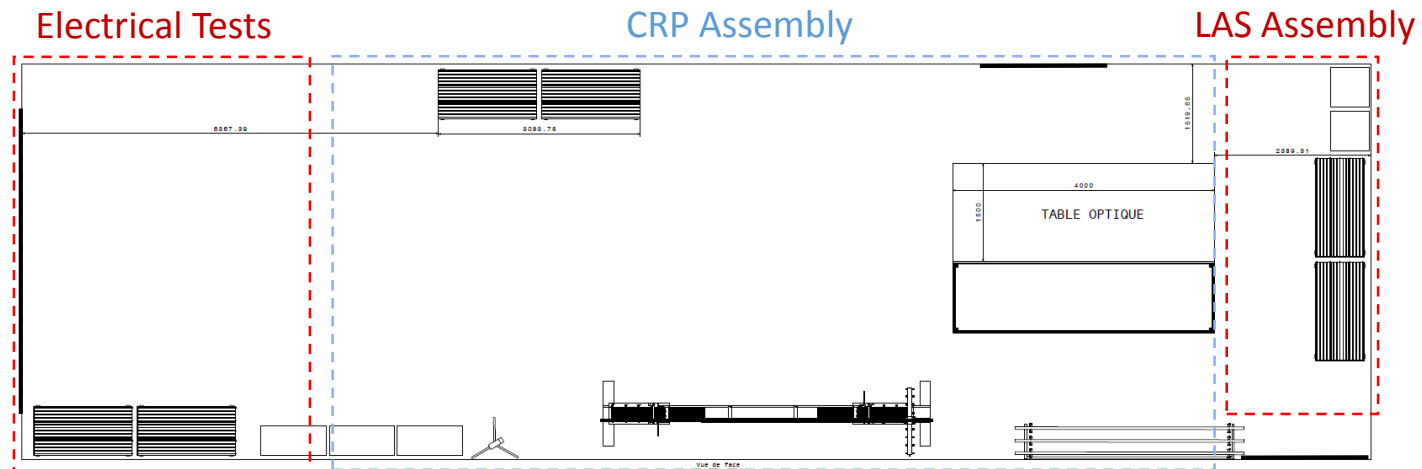
CRP parts ordering

Part	Delivery	Manufacturer	Status
Invar frames	First frame in mid September	SDMS	Material delivered to SDMS, first validation model in construction.
G10 Frames	Mid July	Von Roll, Isotac	<ul style="list-style-type: none">- All G10 frames in production, shipping foreseen around the 11th of July from Von Roll.- G10 combs in production with instrumentation supports.
Extraction grid	Mid July	Sadev Inox, Würth	<ul style="list-style-type: none">- 40 km of Ø100µm wire will be received soon- PCB plates are ordered, 15-20 days of production
Extraction grid tooling	Last parts delivery imminent		Few parts will be received next week, construction of the tooling will be done asap. First tests of real scale brazing foreseen asap.
Distance Meters	Last parts in few weeks	RS, Mouser ...	Electronical parts received, waiting for PCBs to test.

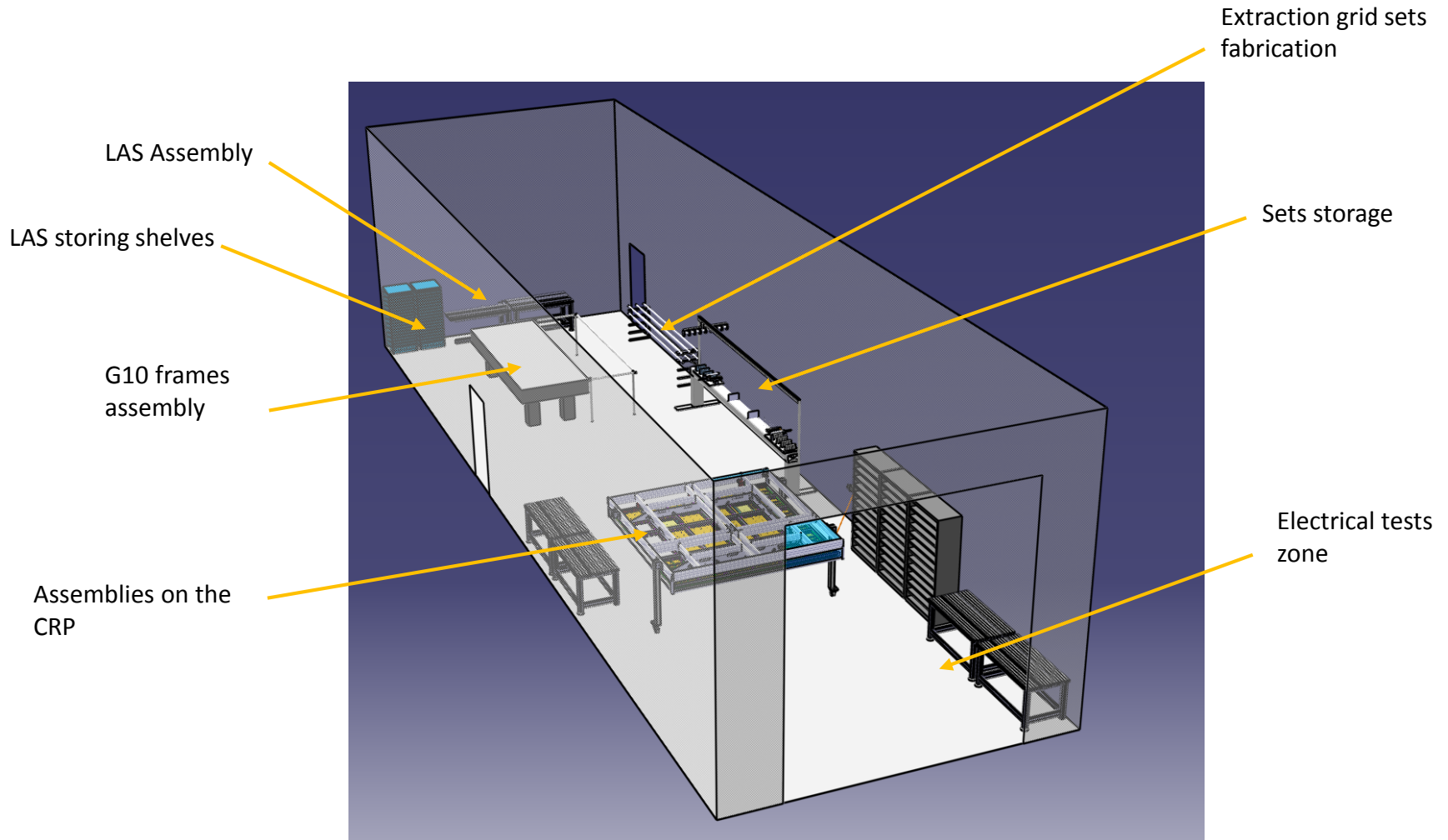
Other parts relative to lifted loads are waiting for HSE validation.
Production delays of those parts are not critical (days to few weeks).

Clean Room 185 : Organisation

- First accessories have been inserted in the Clean Room
- Organisation is done including :
 - LEM - Anodes Sandwiches assembly zone (*to be discussed*)
 - Electrical tests zone

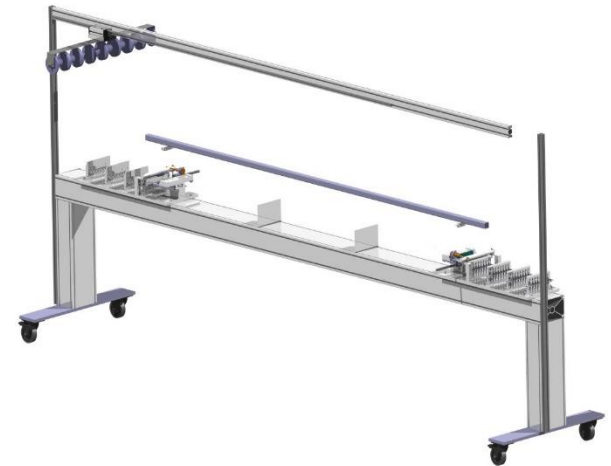


Clean Room 185 : Organisation



Clean Room 185 – Operations to be done

- Cleaning of the room and materials
 - *1-15 July*
- Supply missing materials (Tooling, working tables, shelves...)
 - *July*
- Begin tests for extraction grid assembly (LAPP & CERN)
 - *July*
 - Assembly of the tooling
 - First soldering tests
 - Storage organisation
 - Storage of the first tests under tension



Extraction grid tooling – inventory

- *Most parts already received*
- *First tests foreseen soon*
- *Metrological measurements of the tooling foreseen with Dirk and Kostas*

