

GEM Mock-up in 904

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Ian Crotty

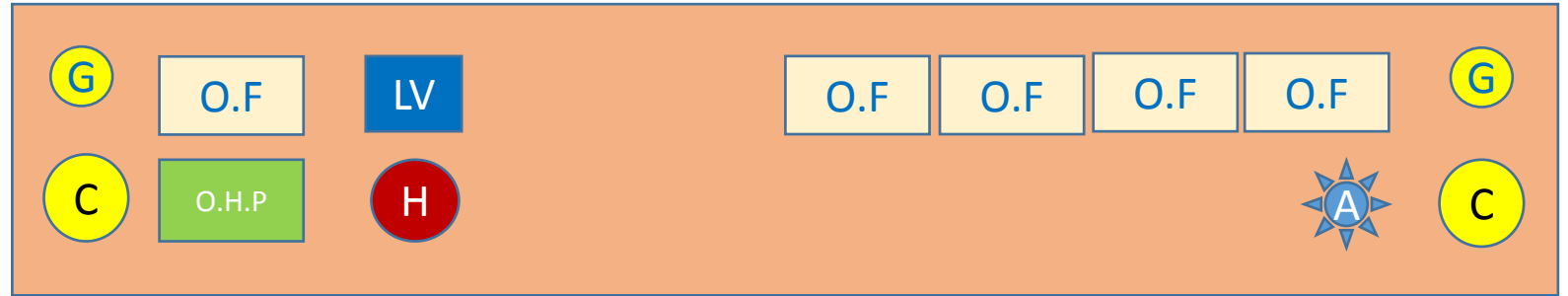
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Outlines

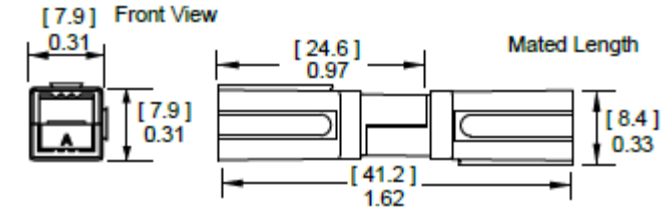
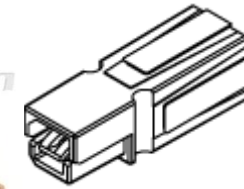
- Super Chamber Patch Panel
- GEM Mock-up structure idea
- Objectives
- Requirements in General but for preciselist we are working

Patch Panel Services

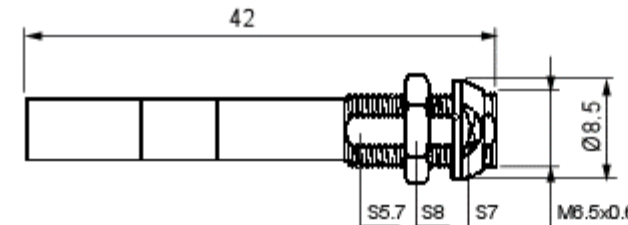
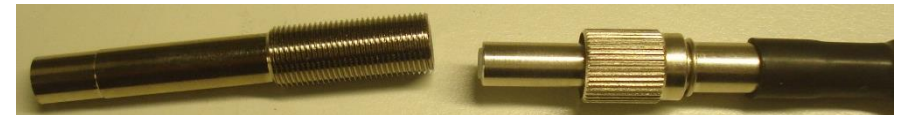
- High Voltage (Ian and Saleh)
- Low Voltage (Ian and Saleh)
- Gas (Ian and Saleh)
- Coolant (Antonio, Plamen and Georgi)
- Optical readout connector (Yifan Yang)
- Alignment (Zoltan)



LV LV. APP 45



H HV. Jupiter Connector



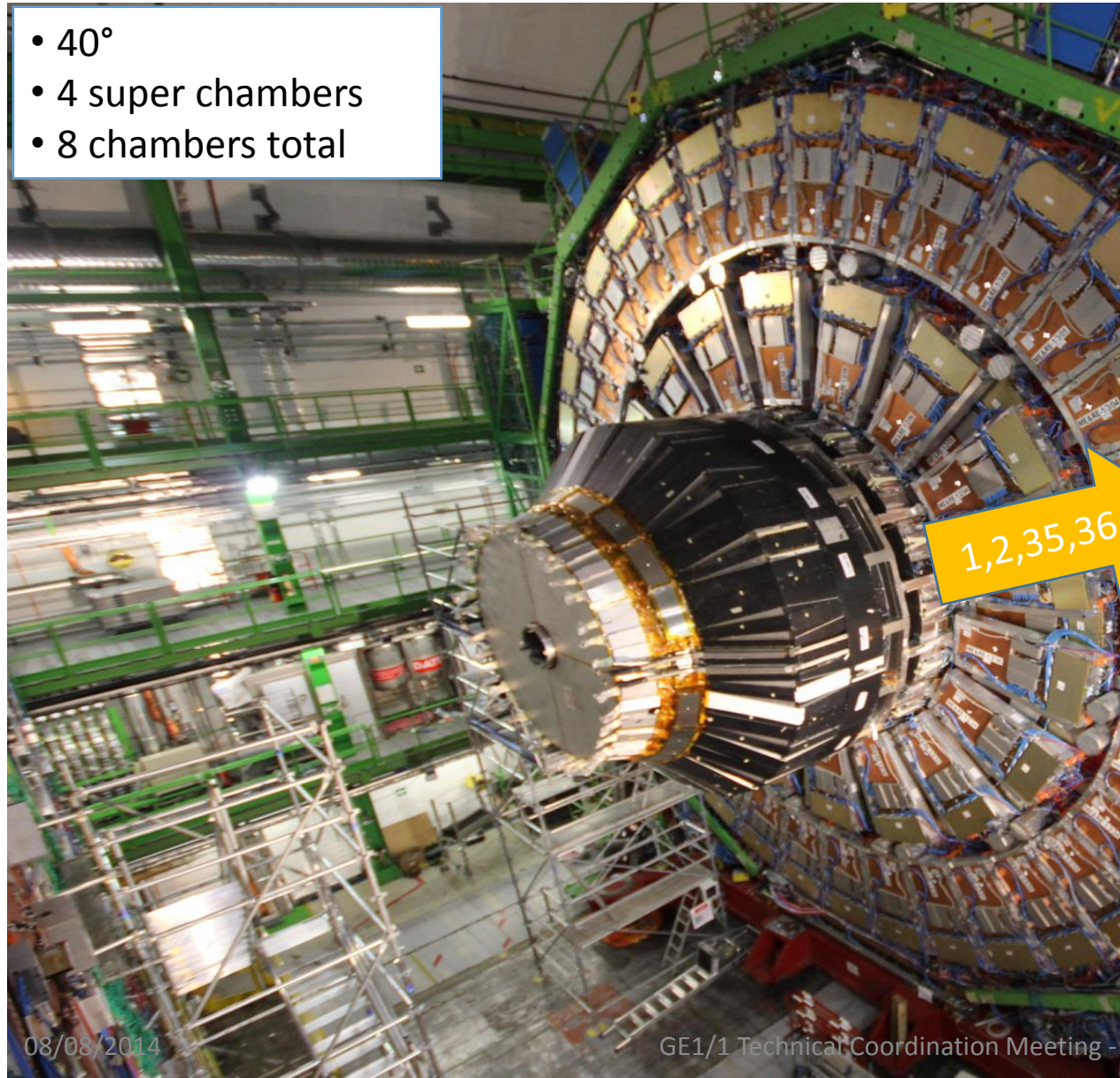
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Buy	SCEM Code	Unit	Unit Price	Ø TUBE 1 mm	Ø TUBE 2 mm
	41.41.31.123.9	PC	15.0	8	6

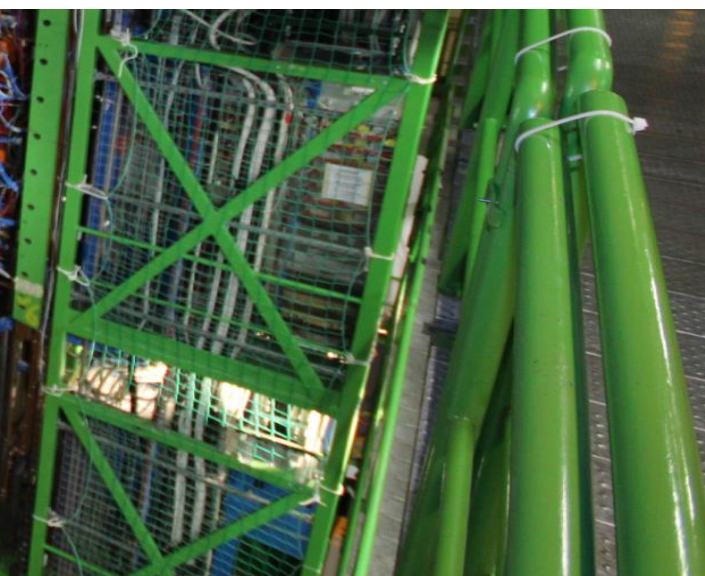
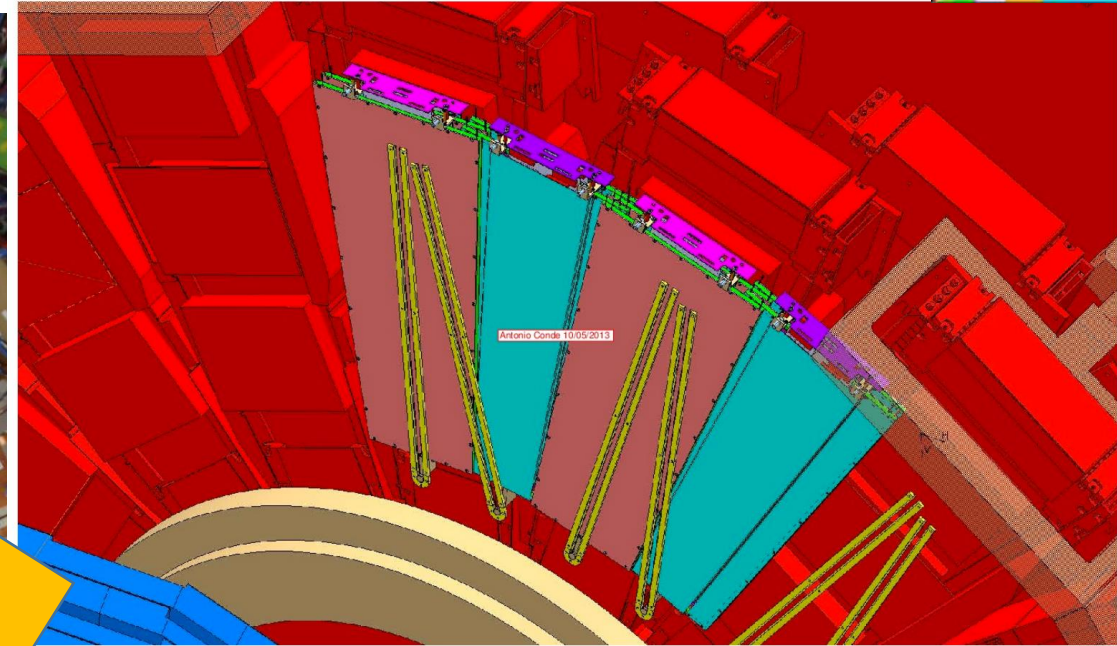
GEM Mock-up Structural Idea



- 40°
- 4 super chambers
- 8 chambers total



1,2,35,36



General Requirements

(Precise list will be presented latter)

- 4 SCs structure (2 are available + 2 needed)
- Coolant mechanical structure for 4 SCs
- Gas and cooling lines with at the Mock-up position.
- Pipes and cable
- Connectors and unions
- Power supply for resistors
- Vertical wood station with all accessories to install the mock-up.
- Temperature and humidity sensors and their readout