

GBP meeting

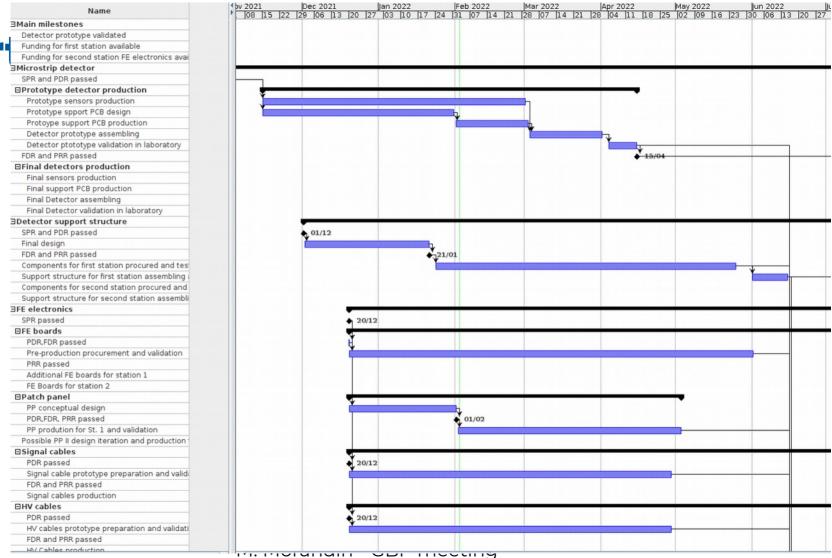
M. Morandin for the GBP team INFN- PD

2 Fev. 2022

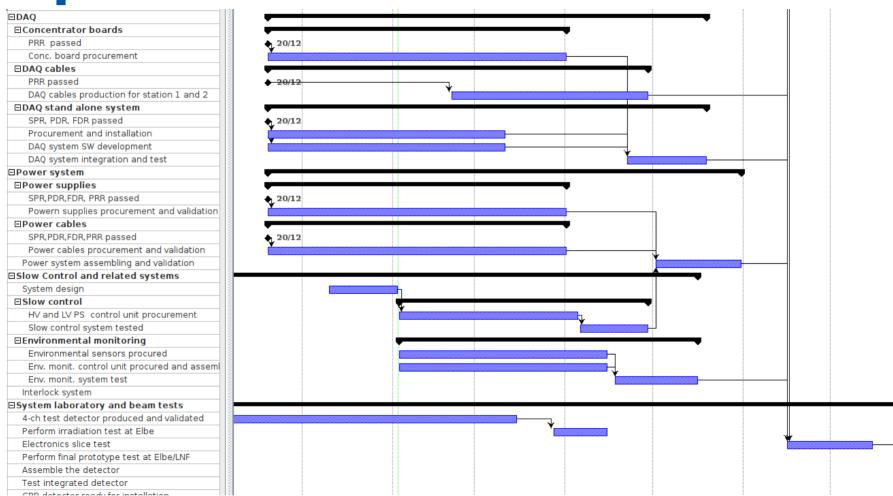
The GBP Schedule

- created and maintained with Libreproject
 - open source tool available on all platforms (Linux, Windows, MacOS)
 - https://www.projectlibre.com/
- stored as a GBP_Schedule_Vx.y file in Confluence
 - https://confluence.desy.de/display/LUXE/ Project+organization

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II part



Main milestones

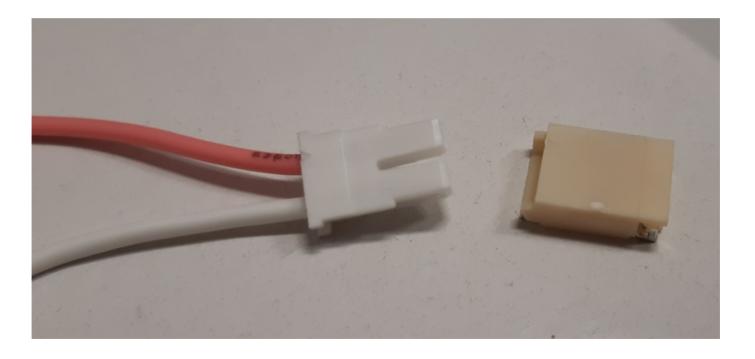
- March 15: 4-channel detector ready
- April 26: Elbe test
- June 15: full prototype system ready
- October 15: final test at Elbe or LNF

Status 4-channel PCB

- Just resubmitted the order for production
 - see details in Michele's presentation
- unfortunately final offer was much higher than anticipated and we wad to re-start the purchasing procedure from scratch
- in addition delivery time is 2 weeks instead of one
- all components have been collected
- if everything goes OK, shipment to Tomsk should be done on Feb. 16-17

HV connectors

• Will be tested soon



Concern about noise

N. O a mana a 7 la con a la		4.05.07				
N Gamma / bunch		1.0E+07				
CCE		10.00%				
			I station		II station	
			upstream	downstream	upstream	downstream
Peak deposit	GeV		0.09	0.21	0.33	0.45
e-h pairs generated			3.3E+06	7.8E+06	1.2E+07	1.7E+07
e collected			3.3E+05	7.8E+05	1.2E+06	1.7E+06
charge collected	рC		0.05	0.12	0.20	0.27
noise	<u>fC</u>		10	10	10	10
peak-to-noise ratio			5.33	12.44	19.56	26.67
peak-to-noise ratio	1.00.					