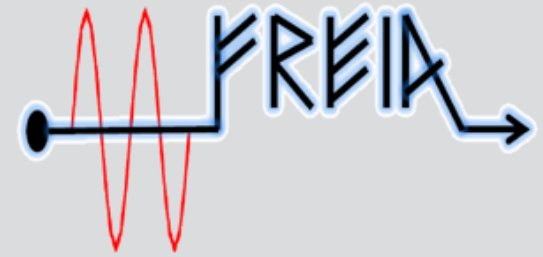




UPPSALA
UNIVERSITET



ESS weekly meeting (2022 W40)

M. Zhovner et al



CM12/10: General planning update



week		W39											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		26-Sep		27-Sep		28-Sep		29-Sep		30-Sep		1-Oct	2-Oct
		m	a	m	a	m	a	m	a	m	a		
present CM	CM12	Leak test: RGA sees 4 amu at 13 K but leak detector does not see He		warming up	break insulation vacuum	leak tests up to 1.3 bar in Ghe		warming up completed	leak test inside the bunker	disconnect vacuum pumps			
next CM	CM10	thermalization		reception tests									
week		W40											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		3-Oct		4-Oct		5-Oct		6-Oct		7-Oct		8-Oct	9-Oct
		m	a	m	a	m	a	m	a	m	a		
present CM	CM12	disconnect cyogenic lines, waveguides		Swap the modules				disconnect doorknobs	N2 filling	Outgoing test			
next CM	CM10	connect doorknobs		connect waveguides				connect cryogenic lines					
week		W41											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		10-Oct		11-Oct		12-Oct		13-Oct		14-Oct		15-Oct	16-Oct
		m	a	m	a	m	a	m	a	m	a		
previous CM	CM12	Standing in a dooking area		departure to ESS		report writing		publish report					
present CM	CM10	connect vacuum pumps		vacuum pumping									
week		W42											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		17-Oct		18-Oct		19-Oct		20-Oct		21-Oct		22-Oct	23-Oct
		m	a	m	a	m	a	m	a	m	a		
present CM	CM10	Electrosys preamp is back		coupler warm conditioning				start N2 cooling					
next CM	CM09	departure from IJCLab		transport				arrival at FREIA		thermalization			

- CM12 will send to ESS for additional leak check.
- Date for shipment CM12 to ESS is ~~October 10th.~~ => **October 11th 14:00**
- Today we received the set of shock loggers for shipment CM12.

CM12/10: Lab activity



- Replace ICB scroll vacuum pump. Service will be done.
- Swapped with purging pump.

- Measurements of E-sys preamplifier done in Italy.
- Spare one under the construction.



- Add PTFE seat seal in CV2250 in Linde suction line

CM12/10: Lab activity



- CM12 and CM10 are swapped.

CM10 placed in bunker.



CM12/10: General planning update

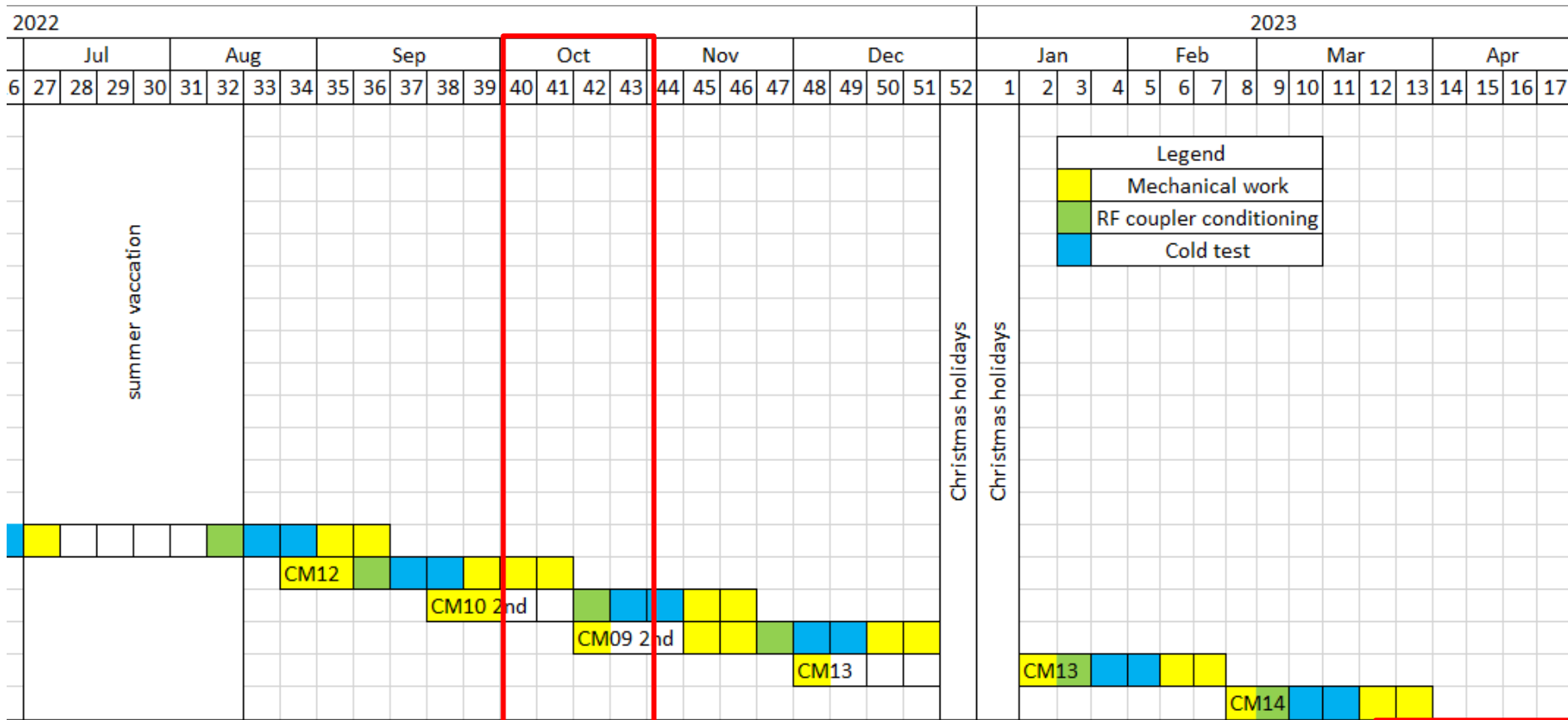


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CM12, CM10, CM09 Planning



CM12 2nd test?

We have some gap due to

- Electrosys preamplifier in Electrosys (should be return to FREIA at Oct.14)
- Fixing regulation plunger's sealing Teflon in Linde system (Done, need test run)
- Replace ICB scroll pump for service.