



ESS weekly meeting (2022 W40)

M. Zhovner et al



CM12/10: General planning update



wee	k							W39					
		М	ON	TU	E	V	VED	TH	IU	FRI		SAT	SUN
date		26	-Sep	27-	Sep	28	8-Sep	29-	Sep	30-S	ep	1-Oct	2-Oct
		m a Leak test: RGA sees 4 amu at		m	a	m	a	m	а	m	а		
present CM	CM12	13 K but leak		warming up	break insulation vacuum	leak tests up t	to 1.3 bar in Ghe	warming up completed	leak test inside the bunker	disconnect vac	uum pumps		
next CM	CM10	therma	lization			recept	tion tests						
wee	k							W40					
		M	ON	TU	E	v	VED	TH	IU	FRI		SAT	SUN
date		3-	Oct	4-C	oct	5	-Oct	6-0	Dct	7-0	ct	8-Oct	9-Oct
	m a		a	m	a	m	a	m	a	m	а		
present CM	CM12		yogenic lines, guides		Swap the modul	es		dissconnect doorknobs	N2 filling	Outgoin	g test		
next CM	СМ10	connect	doorknobs				connect waveguides		connect	ryogenic lines			
wee	k							W41					
			ON	TU			VED	TH		FRI		SAT	SUN
date		10	-Oct	11-	Dct	12	-Oct	13-	Oct	14-0	ct	15-Oct	16-Oct
		m	а	m	a	m	a	m	a	m	а		
previous CM	CM12	Standing in a	a dooking area	departur	e to ESS	repor	twriting	publisł	n report				
present CM	СМ10	connect va	cuum pumps					vacuur	m pumping				
wee	k							W42					
		M	ON	TU		v	VED	TH	IU	FRI		SAT	SUN
date		17-	-Oct	18-	Dct	19	-Oct	20-	Oct	21-0	ct	22-Oct	23-Oct
		m	a	m	a	m	a	m	а	m	a		
present CM	CM10	Electrosys p	reamp is back			coupler war	m conditioning			start N2 o	cooling		
next CM	СМ09	departure	from IJCLab			ransport		arrival	at FREIA		thermali	zation	
								•					

- 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.

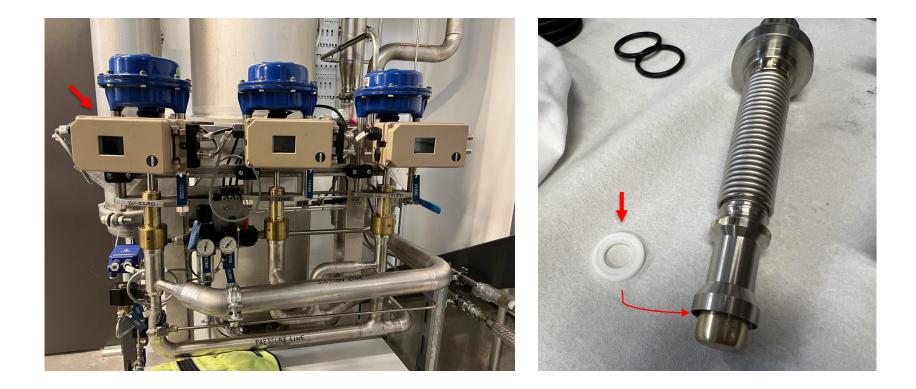


- Measurements of E-sys preamplifier done in Italy.
- Spare one under the construction.



CM12/10: Lab activity





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



wee	k							W39													
		М	ON	TU	E	V	VED	TH	IU	FRI		SAT	SUN								
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next CM	CM10	therma	lization			recept	tion tests														
wee	k							W40													
		M	ON	TU	E	v	VED	TH	IU	FRI		SAT	SUN								
date		3-	Oct	4-0	oct	5	-Oct	6-0	Dct	7-0	ct	8-Oct	9-Oct								
		m	a	m	a	m	а	m	a	m	a										
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wee	k							W41													
			ON	TU			VED	TH		FRI		SAT	SUN								
date		10	-Oct	11-0	Dct	12	-Oct	13-	Oct	14-0	ct	15-Oct	16-Oct								
		m	а	m	a	m	а	m	a	m	a										
previous CM	CM12	Standing in a	a dooking area	departur	e to ESS	repor	twriting	publisł	n report												
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wee	k							W42													
		M	ON	TU		v	VED	TH	IU	FRI		SAT	SUN								
date		17	-Oct	18-0	Dct	19	-Oct	20-	Oct	21-0	ct	22-Oct	23-Oct								
		m	a	m	a	m	а	m	а	m	a										
present CM	CM10	Electrosys p	trosys preamp is back coupler warm conditioning sta									start N2 cooling									
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CM12, CM10, CM09 Planning



20)22																																			20	23								Τ
Jul			Aug				Sep					Oct				Nov				Dec					Jan				Feb					Μ	lar		Apr								
6	27	28	29	30	31	32	33	34	4 35	5 3	6 3	7 38	B 3	39	40	41	42	43	44	45	46	6 47	48	49	50) 51	52	1		2	3	4	5	6	7	8	9 10	1	1 1	2 1	3 1	.4 1	15 1	16 1	.7
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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.