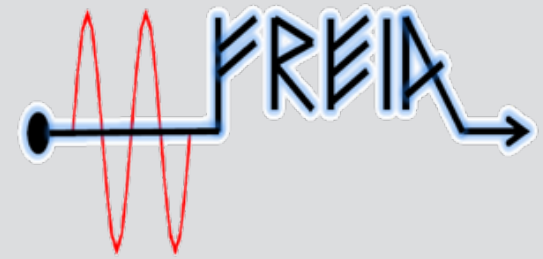




UPPSALA
UNIVERSITET



ESS weekly meeting (2022 W16)

A. Miyazaki, M. Zhovner, et al



W14 & W15 & W16 progress / W17 plan



week		W14											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		4-Apr		5-Apr		6-Apr		7-Apr		8-Apr		9-Apr	10-Apr
		m	a	m	a	m	a	m	a	m	a		
previous CM	CM09	waiting in the box				preparing report				departure to Orsay			
present CM	CM10	fix LT01 with Matthieu			move into the bunker	cryogenic connection	beam vacuum connection		insulation vacuum	vacuum pumping		angle valve closed	
next CM	CM11	transport from Orsay								arrival at UU			

week		W15											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		11-Apr		12-Apr		13-Apr		14-Apr		15-Apr		16-Apr	17-Apr
		m	a	m	a	m	a	m	a	m	a		
present CM	CM10	vacuum pumping (power station is occupied by tetrode tube test)						Easter holidays					
next CM	CM11		reception test (VNA)		reception test (LEMO)								

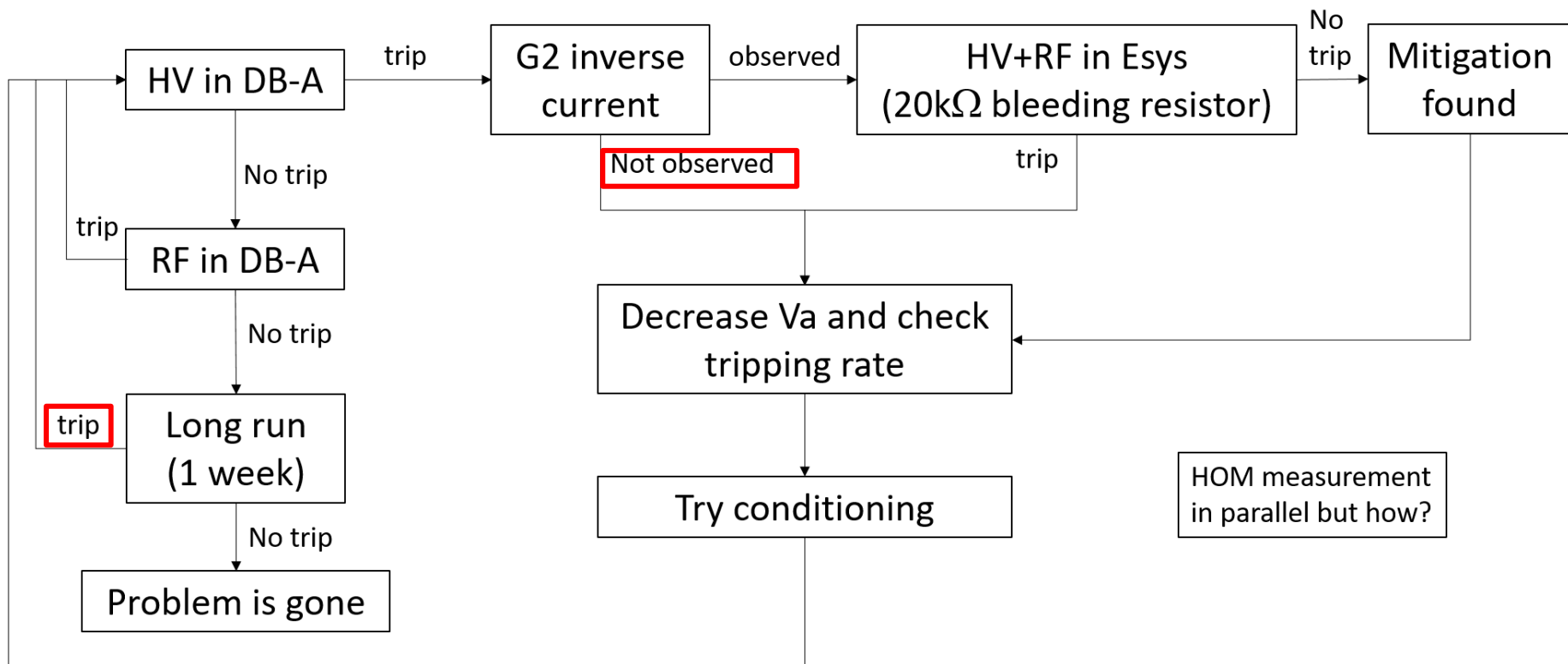
week		W16											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		18-Apr		19-Apr		20-Apr		21-Apr		22-Apr		23-Apr	24-Apr
		m	a	m	a	m	a	m	a	m	a		
present CM	CM10	Easter holidays		replace the tube back						RF calibration			
next CM	CM11												

We are here

week		W17											
date		MON		TUE		WED		THU		FRI		SAT	SUN
		25-Apr		26-Apr		27-Apr		28-Apr		29-Apr		30-Apr	1-May
		m	a	m	a	m	a	m	a	m	a		
present CM	CM10	coupler warm conditioning						LN cooling					
next CM	CM11	doorknob mounting											
next next CM	CM12	Preparation at Orsay											



Dedicated test of tetrode proposed



- The tube does trip with Crowbar In
- It trips w/ and w/o RF just by HV
- IG1 showed discharge outside the blanking signal (VG1 -200 V inside 4 ms operative pulse; -300 V outside)
- However, the tripping events are rare and we do not have enough statistics
- Test with lower Va will be statistically difficult