GERDA Topical Session

Remaining Works
- incomplete list schedule -

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GERDA Collaboration Meeting at LNGS

10 - 12 November 2008

cryostat & cryogenic infrastructure
water tank*
GERDA building & platform
clean room* & commissioning lock

slow control & DAQ
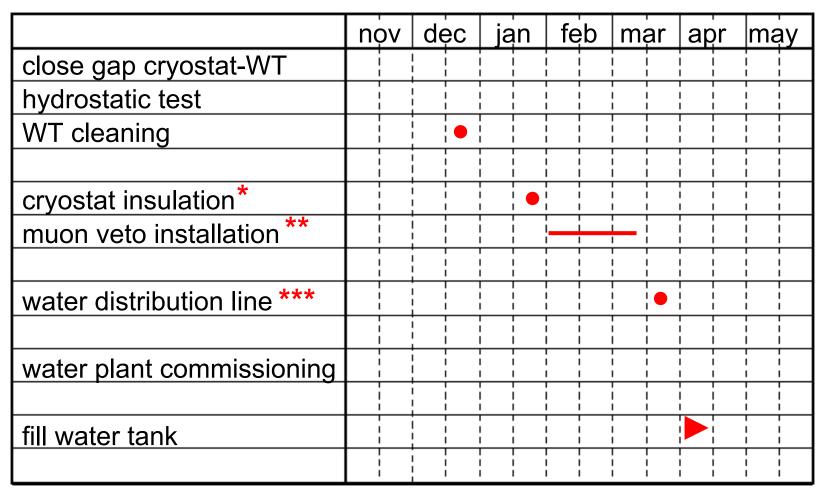
FE & test of full readout chain

general infrastructure

* with muon veto

	nov	dec	jan	feb	mar	apr	may
removal ex-proof doors	!						
fast water drainage pit	!						
ventilation system							
tender		!					
installed					!		
LN2 & LAr storage tanks		!					
authorization for							
water drainage	!						

	nov	dec	jan	feb	mar	apr	may
electrical plant			●				
safety plant			●				
water plant							
Rn monitor					●		
electronics cabinet					●		
install racks, etc					▬		
gates to access galleries	asap						
access to manifold	asap						
access to filter unit @ 6m	asap						
floor cover	asap						
desks, chairs	asap						

water tank – tests & works inside

	nov	dec	jan	feb	mar	apr	may
close gap cryostat-WT							
hydrostatic test							
WT cleaning		●					
cryostat insulation *			●				
muon veto installation **				———			
water distribution line ***					●		
water plant commissioning							
fill water tank						▶	

*   check for potential problems with XPS

**   detailed procedure and schedule available

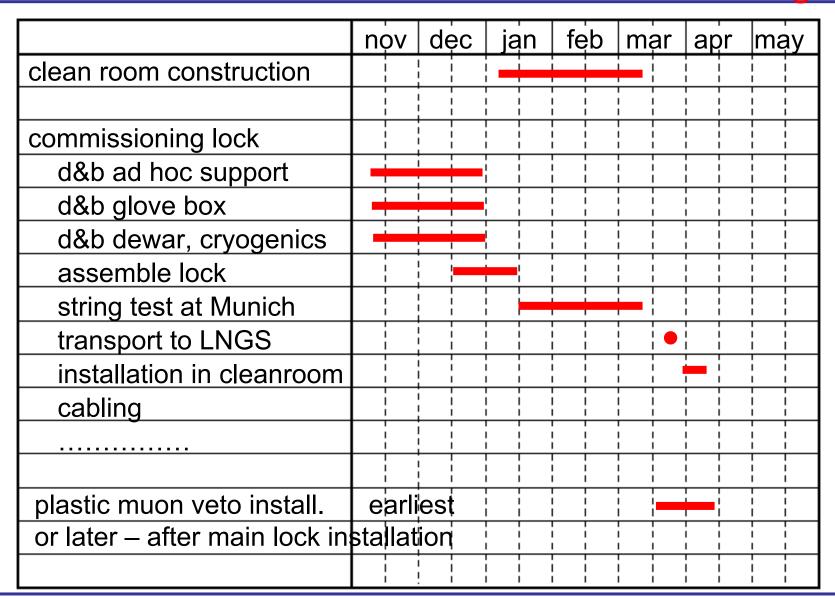*** design such that it can be installed by GERDA – cleanliness!

water tank – tests & works inside

	nov	dec	jan	feb	mar	apr	may
close gap cryostat-WT							
hydrostatic test							
WT cleaning		●					
cryostat insulation			●				
muon veto installation				———			
water distribution line					●		
water plant commissioning							
fill water tank						▶	

	nov	dec	jan	feb	mar	apr	may
cryostat cleaning	●						
cut hole in HEB700 beam		●					
manifold & active cooling		▬▬					
insulation vacuum system							
cryogenic infrastructure			▬▬				
exhaust gas heater			▬▬				
support for heater			●				
relevant milestones:							
cleanroom commissioned					●		
dto. ventilation system					●		
(dto. fast water drainage)					●		
DN600 shutter installed					●		
LAr filling					!!!		
water tank filling						▶	

	nov	dec	jan	feb	mar	apr	may
clean room construction			▬▬▬▬▬▬▬▬				
commissioning lock							
d&b ad hoc support	▬▬▬▬▬▬						
d&b glove box	▬▬▬▬▬▬						
d&b dewar, cryogenics	▬▬▬▬▬▬						
assemble lock		▬▬▬					
string test at Munich			▬▬▬▬▬▬				
transport to LNGS						●	
installation in cleanroom						▬	
cabling							
……………							
plastic muon veto install.	earliest				▬▬▬		
or later – after main lock installation							

FE & full readout chain test

	nov	dec	jan	feb	mar	apr	may
3-channel pcb v1							
fabrication	●						
bench test milano		●					
test with SUB milano			●				
test at LNGS ?							
test w string at Munich							
3-channel pcb v2 **?**							
design			▶				
fabrication				●			
test …….							

last NOT least ►►► slow control & DAQ

	nov	dec	jan	feb	mar	apr	may
to be ready					●		
slow control							
network, firewall, etc			●				
FE control			●				
DAQ phase I	available						
link to slow control/db	asap						
test system for string tests							

The END