



Schedule

Philippe Gros
6th NEWS-G Collaboration meeting
2019-06-12

- Sphere
 - Completed
 - leak-checked, etched, baked, installed
 - crate designed, under fabrication in Sudbury
 - Lead shield
 - cast, machining done
 - final adjustments at Fonderie
 - delivery LSM ~June 18th and 25th
 - crates concept, final design (quote June 20), to build in Sudbury
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Status SNOLAB



- Electrical infrastructure
 - designed, being installed
 - Gantry crane
 - delivered at SNOLAB
 - to be installed (June)
 - Seismic platform
 - fabrication completed
 - to be installed at SNOLAB (July)
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Status PE



- Walls
 - Design finished, PE delivered UoA
 - machining on going (end of August)
 - assembly jig preliminary design
 - Base
 - Final design done, PE procured
 - Machining to be done in Ontario
 - Roof
 - Final design (available sheet sizes)
 - PE ordered (5-6 weeks lead)
 - Machining to be done in Ontario
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Status PE



- Stainless Steel structure
 - Design complete (confirmed PE)
 - To be built in Sudbury or Kingston (quote June 21st)
 - guardrails to be built (quote received)
 - Trial assembly
 - to be done where SS structure built
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Status



- Sensor rod
 - built, at LSM
 - electronics issues, work at LSM
 - laser feedthrough added, fibre to be installed
 - GHS
 - Most parts procured (regulators missing)
 - Design mostly done (waiting for LSM/radon trap experience)
 - To be built at Queen's
 - Calibration
 - See Pierre's presentation
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- June 18: delivery lead south
- June 19-21: sphere fitting + external cleaning
- June 25: delivery lead north
- June 28: delivery annulus
- July 1st: installation PE roof
- July 8: start 2nd commissioning (achinos)
- Sept 16-30: packing
- Oct 1st: shipping



SNOLAB schedule



- Electrical installation under way
- June 28: gantry crane installed (commissioned early July)
- August 1st: seismic platform installed
- August 5-25: Vale shutdown
- early August: PE base done
- August 31st: PE walls done
- ~15 Sept: SS structure done
- <20 Sept: PE roof
- early Oct: test assembly PE



SNOLAB schedule



- Oct 28: Delivery lead + sphere
 - sphere transferred and send underground asap
 - lead transferred to crates
- November: installation shield
 - quick using LSM experience
- December: commissioning
 - quick using LSM experience





Schedule



		June	July	August	September	October	November	December	January
Misc	rod container hoist procurement								
	electrical procurement								
	electrical install								
Sphere	sphere basket sling procurement								
	cage container procurement								
Pb shield	UG transport crate RFQ								
	UG transport crate design		5 weeks						
	UG transport crate procurement			10 weeks					
Seismic platform	seismic platform procurement								
	damper procurement								
	test assembly								
	painting								
	ship UG								



Schedule



		June	July	August	September	October	November	December	January
PE shield	SS frame + trial assembly RFQ	4 weeks							
	SS frame procurement		12 weeks						
	bottom wall machining								
	top wall machining		7 weeks						
	wall cleaning, assembly, and packing								
	wall shipping to Ontario for trial assembly								
	base material procurement								
	base material machining RFQ								
	base material machining								
	base material shipping for trial assembly								
	roof material procurement	12 weeks							
	roof material machining								
	roof material assembly and crating								
	roof material shipping for trial assembly								
	PE shield and frame test assembly								
	tear down and shipping to SNOLAB								