

Report: #24

Activity: PS complex

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22th June 2020



LS2



Performed activities during last months

➤ LINAC4

- Close RFQ, pumpdown, leak detection and NEG cartridge activation
- Ready for operation

➤ PSB

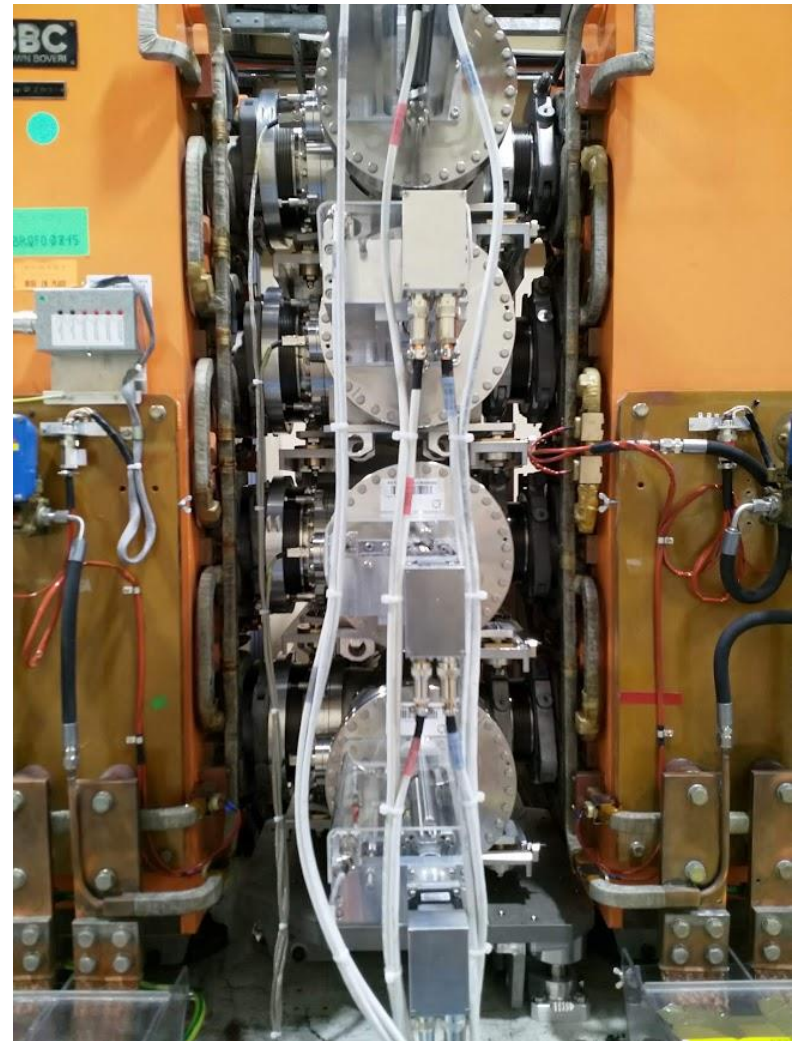
- All sectors under vacuum.
- All installations completed
- All equipment evacuated

➤ PS

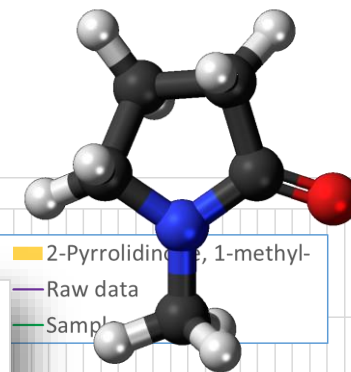
- All vacuum sectors except PR50 under vacuum and ready

➤ ISOLDE

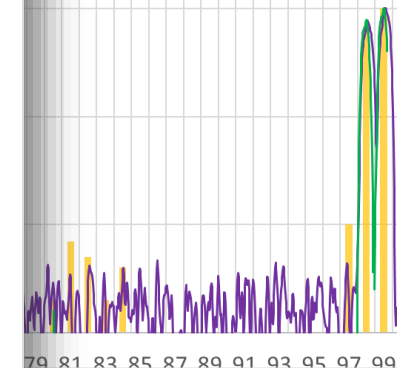
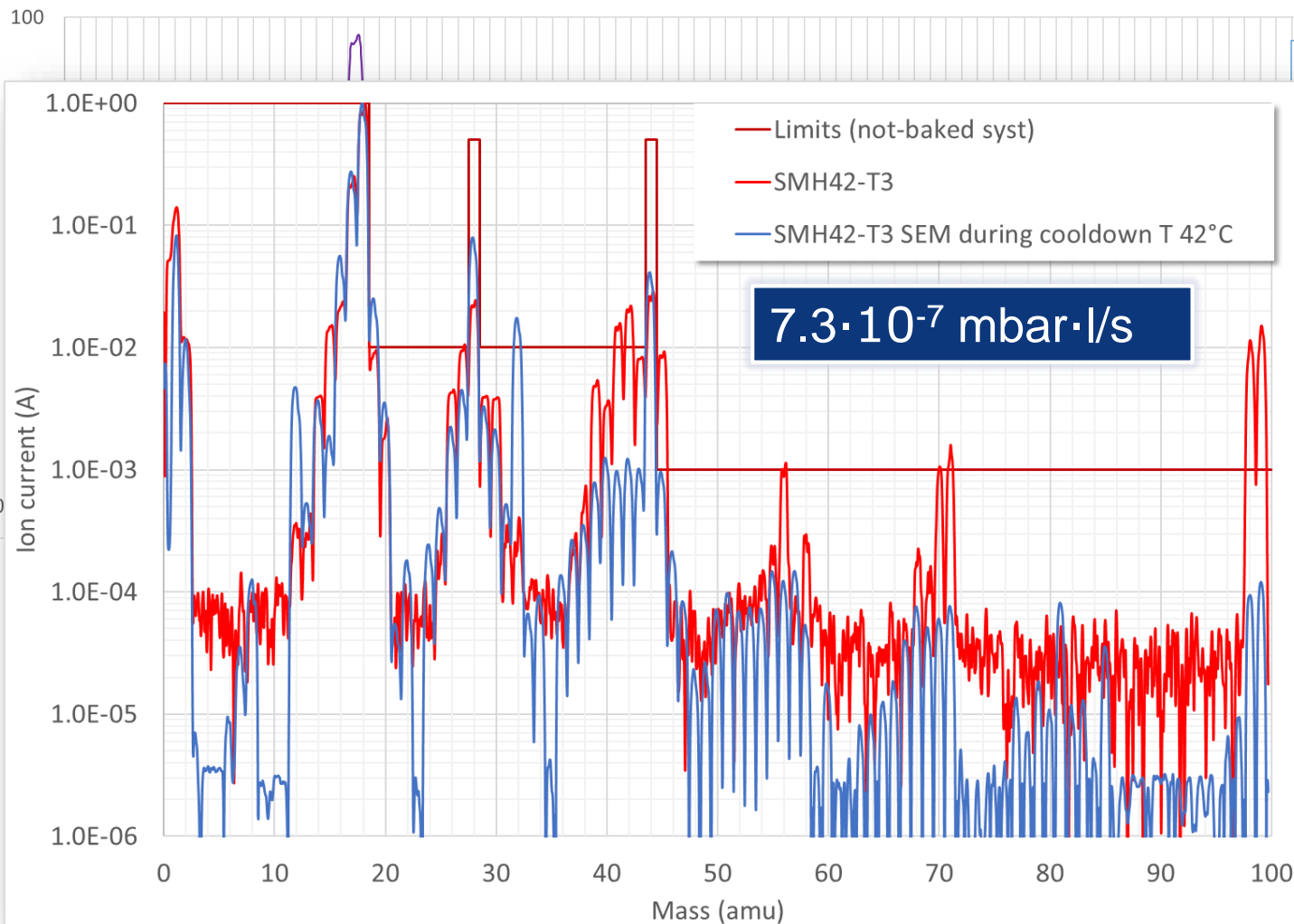
- Leak detection of TMPs in REX
- Replacement of 2x primaries in EBIS
- Replacement of membrane gauges in tanks
- Installation of 3 D-boxes



SMH42



- 2-Pyrrolidine, 1-methyl-
- Raw data
- Sample



Planned activities for next 2 weeks

- AD&ELENA:
 - Magnet consolidation
 - Continue test LNE04 connection and pumpdown
 - Activation of LNE03
- LINAC3
 - Replacement of sector valve in ITM vacuum sector
 - Clean ITL vacuum chamber
- PSB:
 - Repair of RF bypasses
 - Finish clean-up
- PS:
 - Install SMH42
 - Pumpdown and leak test of PR50
 - Clean-up
- TT2
 - Pumpdown and leak detection of F16.30
 - Connection of FTA line after alignment.
- ISOLDE:
 - Replace primary pumps in separator
 - Pumpdown and leak detection of RFQ, IHS, 9GP and 7GP vacuum sectors (REX LINAC)
 - Replacement of turbos in GHM and GLM vacuum sectors

Resources distribution

- ❑ Paul: PS, TT2 and PSB
- ❑ Guillermo: PSB, REX and LHC IV
- ❑ Alex: AD& ELENA and nTOF
- ❑ Alice and Nico: Lab and LINACs and ISOLDE
- ❑ Support of 1x Technician 40/30 (mechanical support)

Holidays

Name	June	July					August			
	W26	W27	W28	W29	W30	W31	W32	W33	W34	W35
Claude COLLOMB PATTON	x	x	x	x	x	x	x	x	x	x
Paul Richard DEMAREST							x	x	x	
Jose Antonio FERREIRA SOMOZA		x	x			x		x		
Alice Ingrid MICHET								x	x	x
Guillermo MERINO				x	x					
Alexandre Xavier SINTUREL		x	x				x	x		
Nicolas Claude THAUS	x					x	x			
	5	4	4	5	5	4	3	2	4	5

Dashboard and work evolution

Fri 08-06-18 - Tue 18-05-21

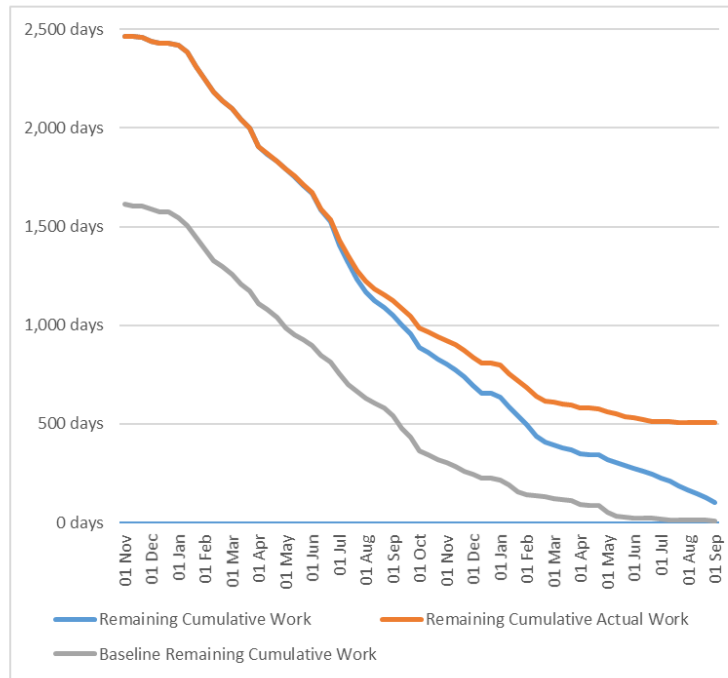
BURNDOWN

% Complete

83%

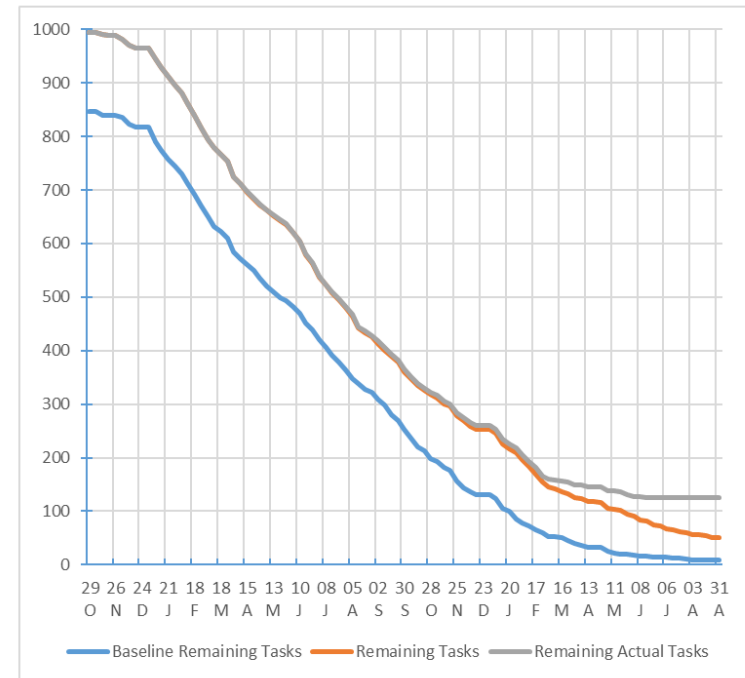
Remaining Work

505.76 days



WORK BURNDOWN

Shows how much work you have completed and how much you have left. If the remaining cumulative work line is steeper, then the project may be late. Is your baseline zero?

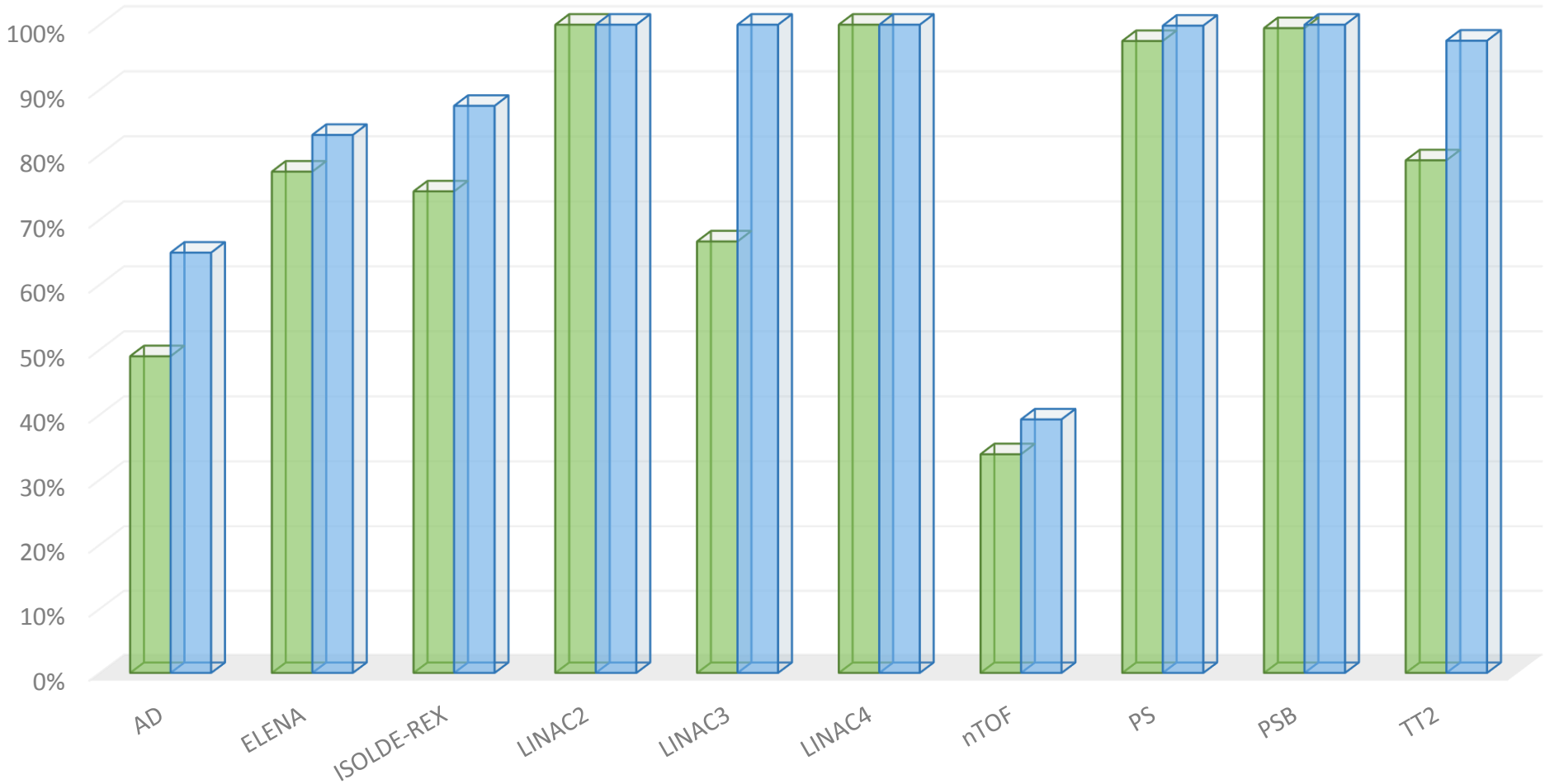


TASK BURNDOWN

Shows how many tasks you have completed and how many you have left. If the remaining tasks line is steeper, then your project may be late.

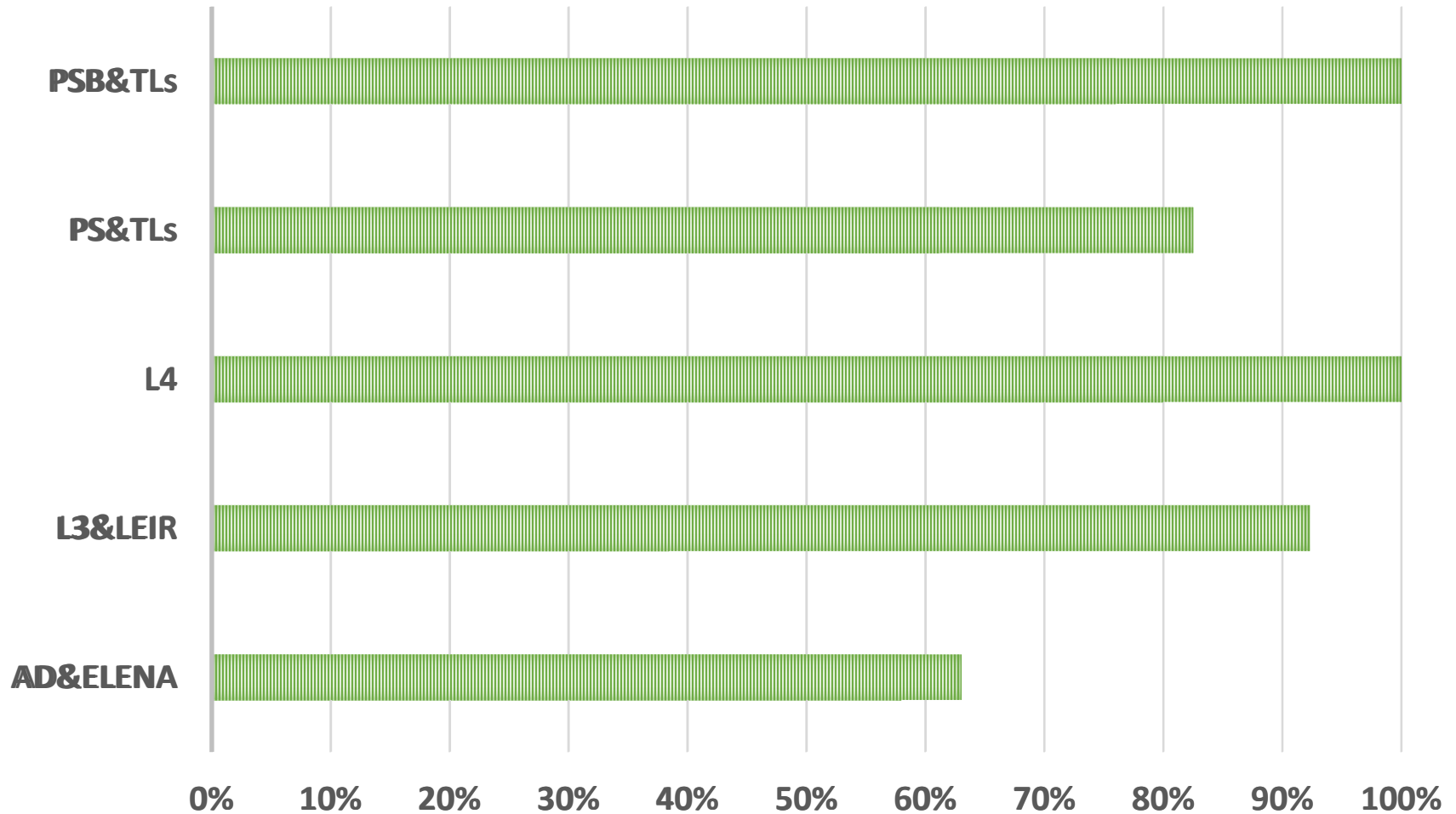
Dashboard by Machine (June old baseline)

% Completed % Baseline

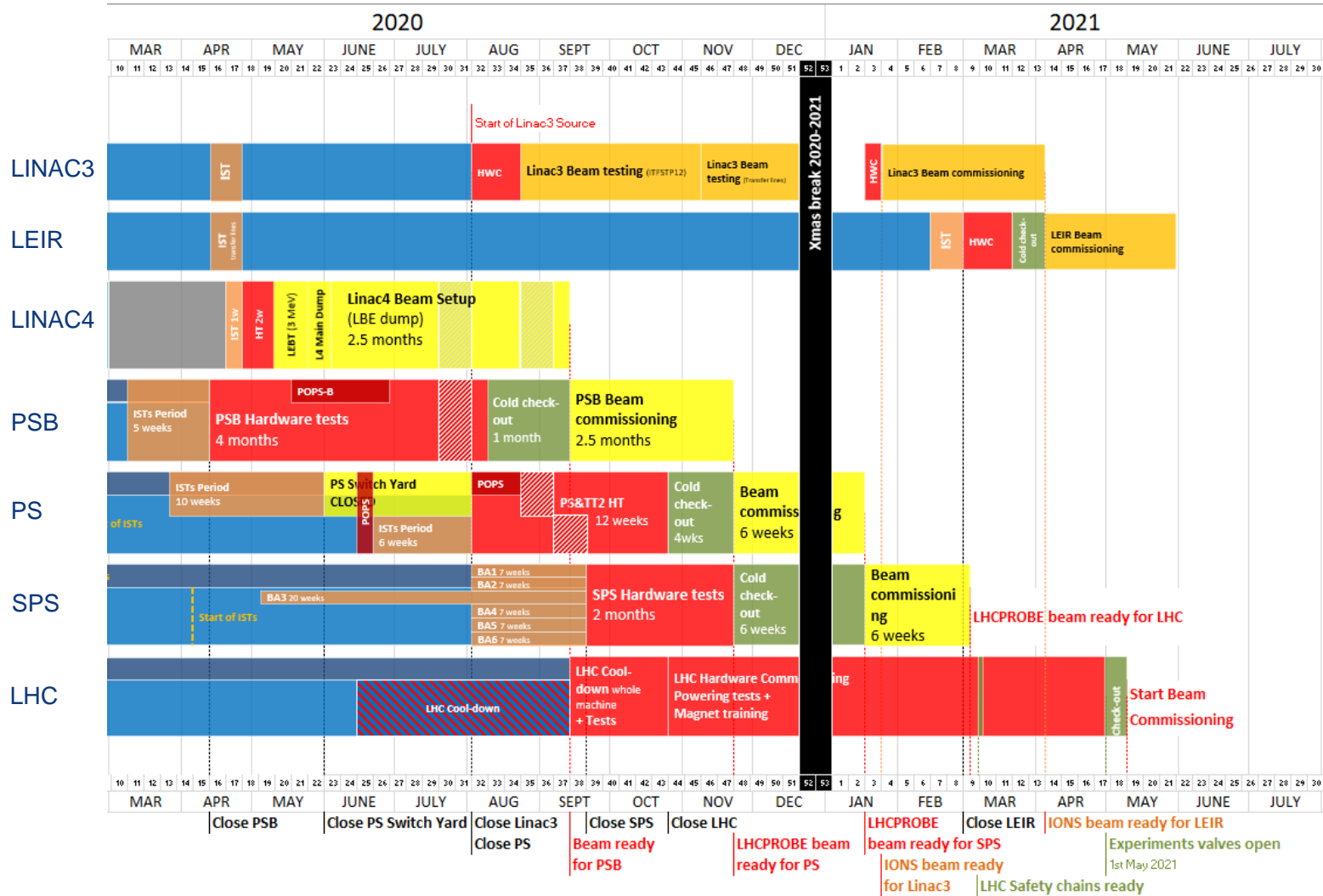


Sectors under vacuum

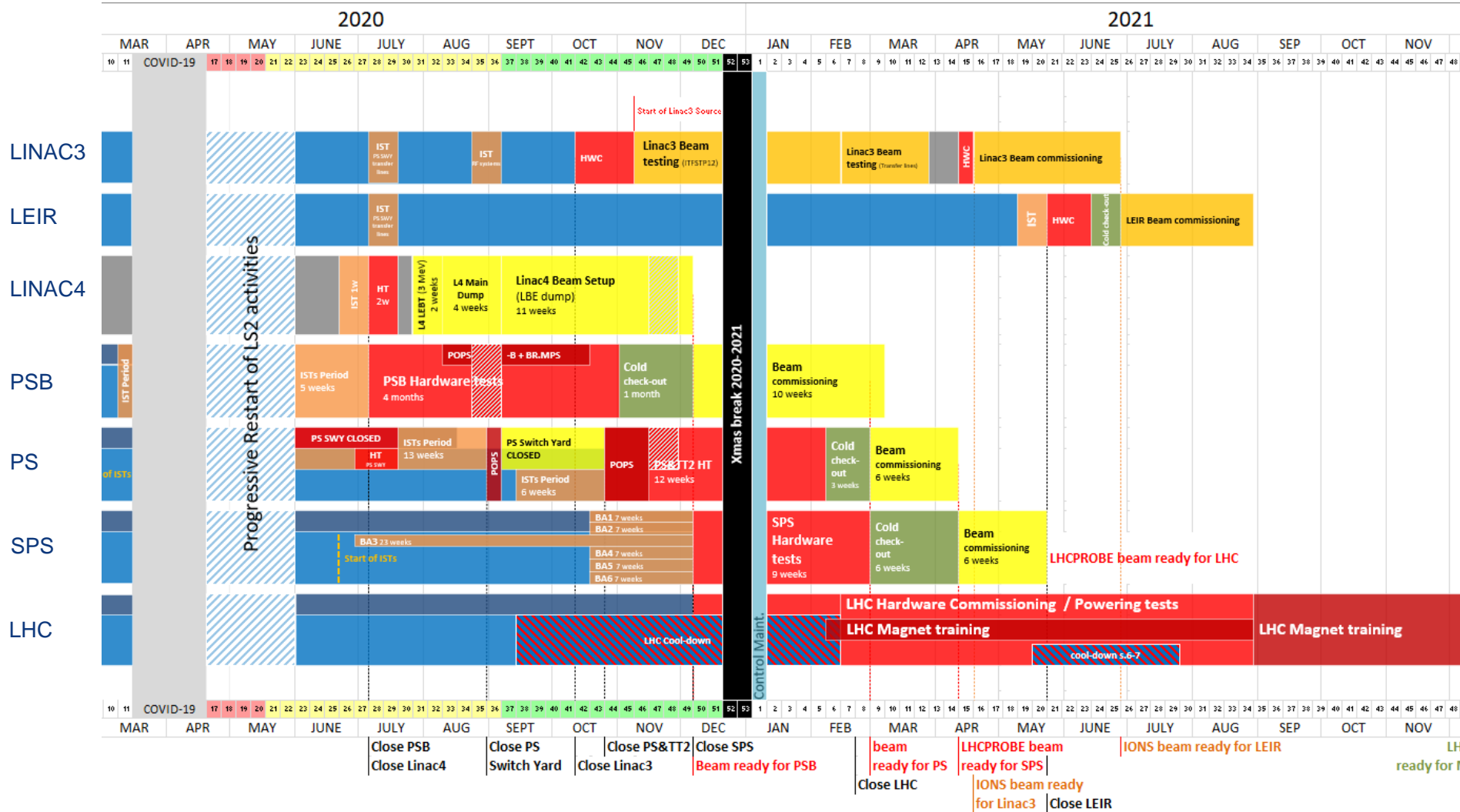
SECTORS UNDER VACUUM



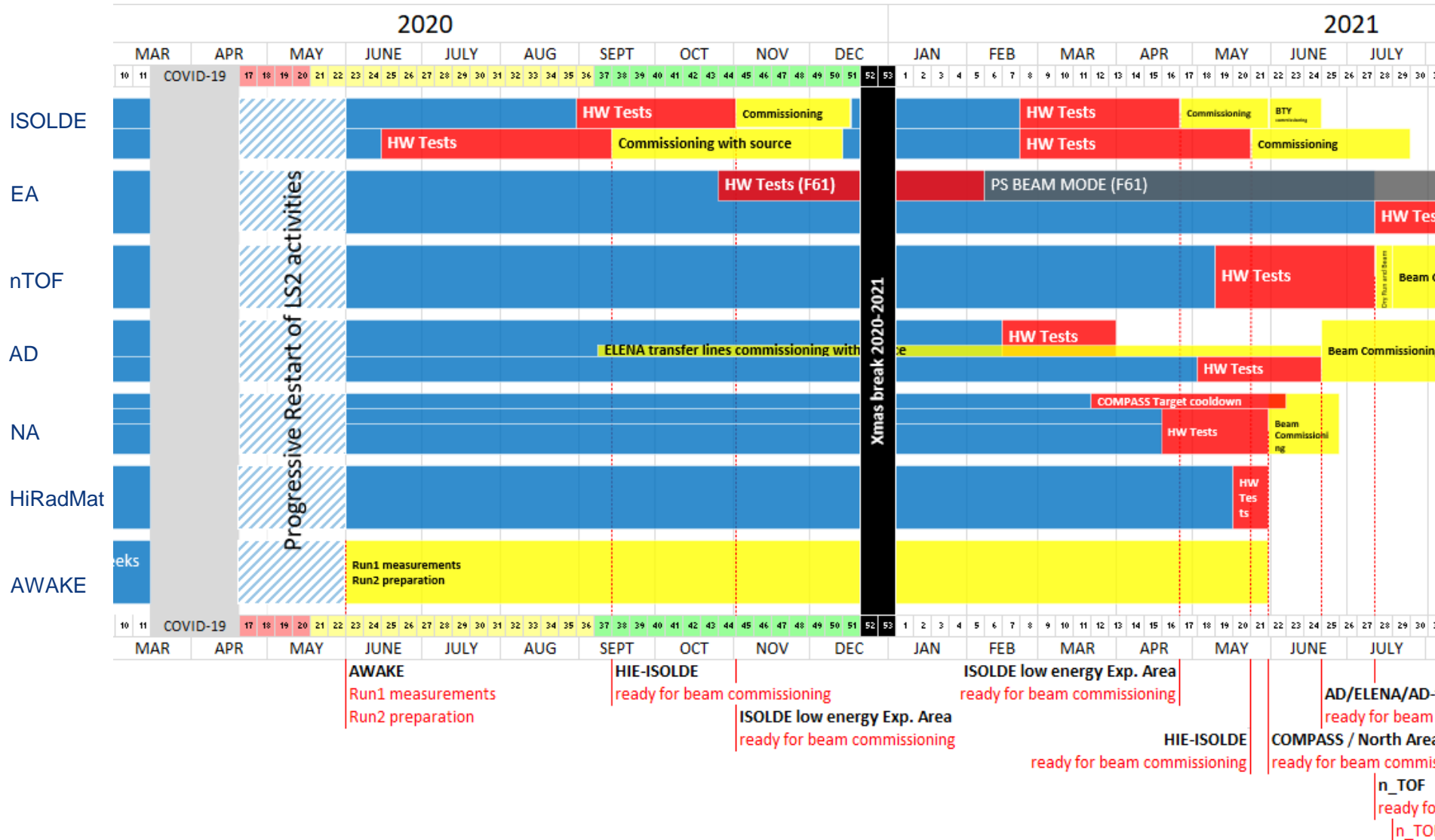
Master schedule

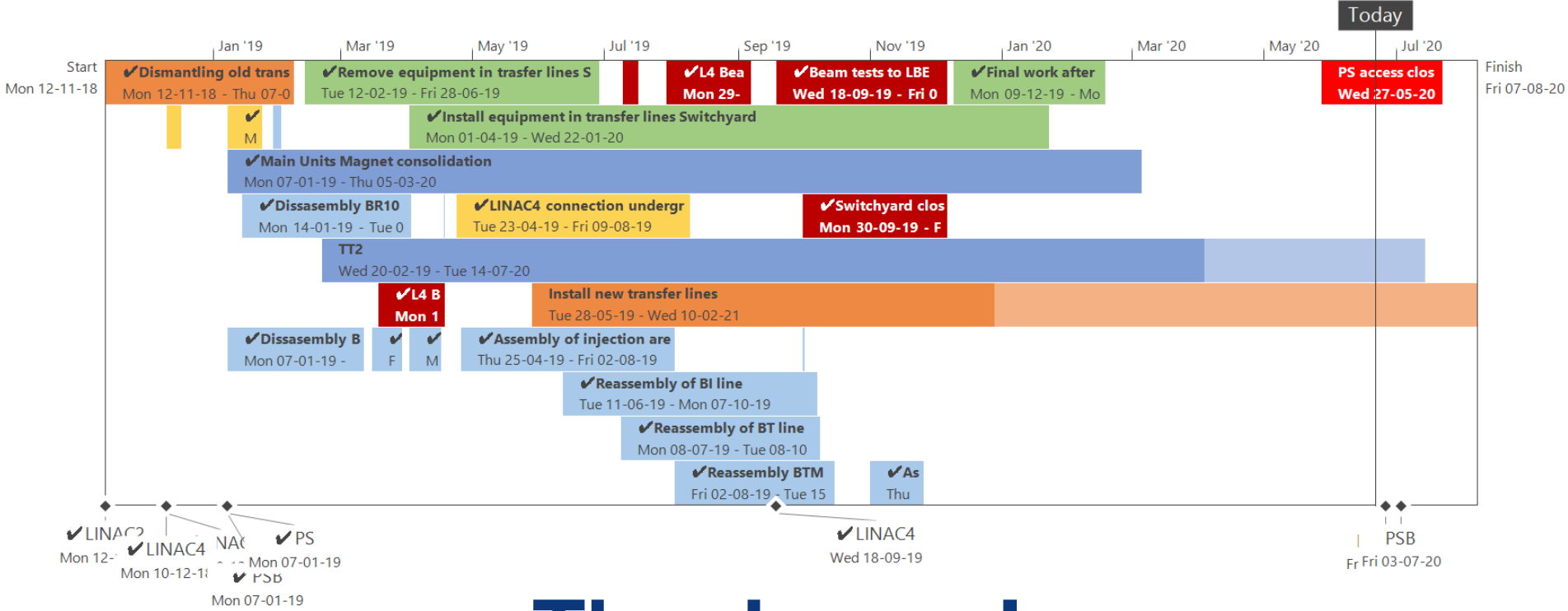


Master schedule



Master schedule





Thank you !



LS2

