

Report: #25

Activity: PS complex

Jose A. Ferreira

6th July 2020



LS2



Performed activities during last 2 weeks

- **AD&ELENA**
 - Magnet consolidation
 - LNE04 connection, pumpdown and activation
 - Activation of LNE03
 - Restart vacuum system (power back after cabling campaign)
- **LINAC3**
 - Replacement of sector valve in ITM vacuum sector
- **PSB**
 - Repair of RF bypasses in BR10 and BR30
 - Finish clean-up
 - Removal of 4 BTV and loaders in 1L1 for calibration, reconnection and close
 - Sublimation of PSB ring
- **PS**
 - Installation and bakeout SMH42
 - Clean-up
- **TT2**
 - Pumpdown and leak detection of F16.30
 - Connection of FTA line after alignment.
- **ISOLDE**
 - Replace REX primary pumps in separator
 - Pumpdown and leak detection of RFQ, IHS, 9GP and 7GP vacuum sectors (REX LINAC)

Planned activities during next 2 weeks

➤ AD&ELENA:

- Activation of LNS20

➤ PS:

- He pressurization for leak test SMH42 and SMH57
- Clean-up

➤ TT2

- Pumdown and leak detection of FTA

➤ ISOLDE:

- Prepare primary pumps for ISOLDE replacement.
- Replacement of 4 primary pumps in separator area
- Restart vacuum in ISOLDE hall

Resources distribution

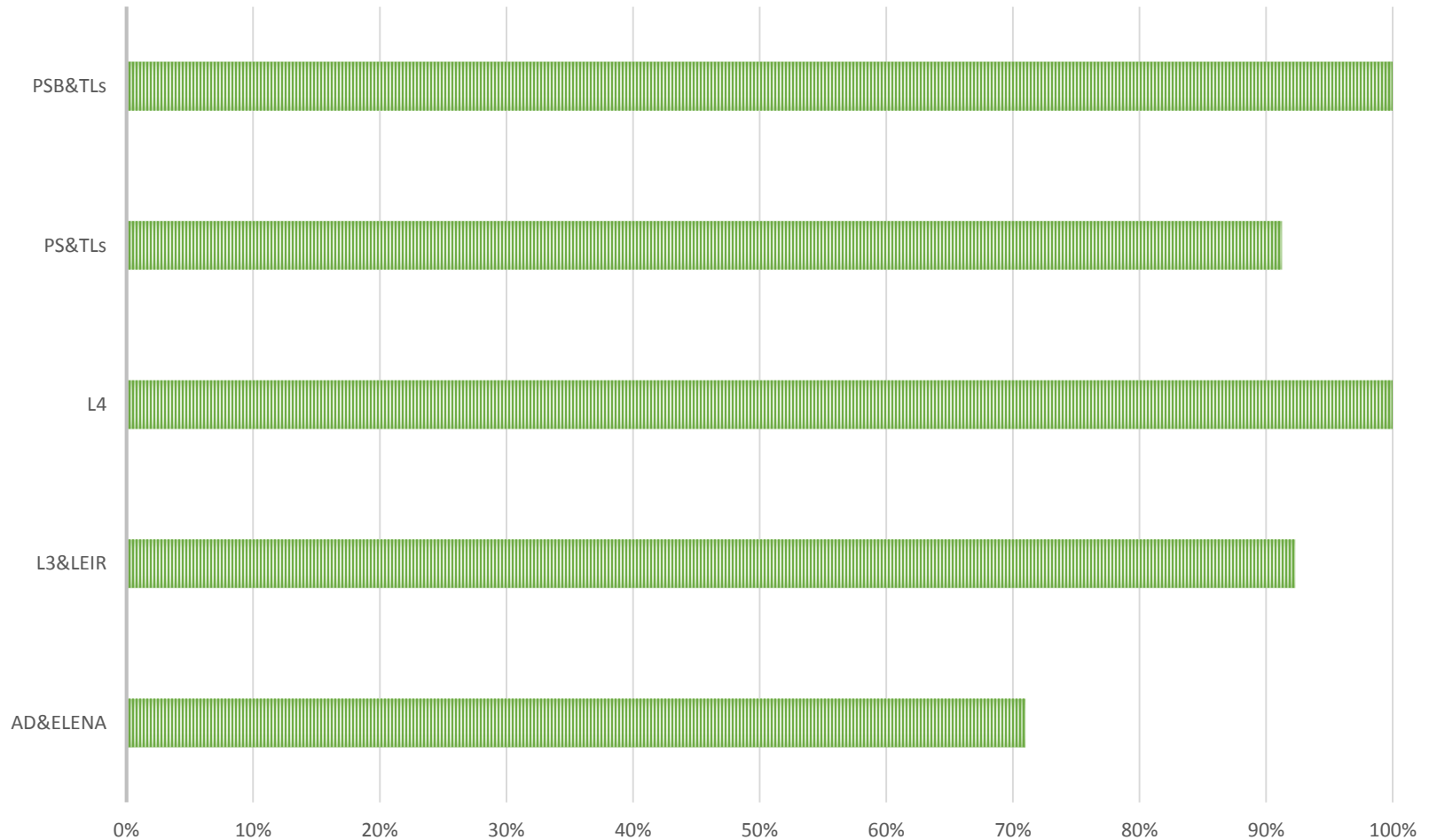
- ❑ Paul: PS, TT2 and PSB
- ❑ Guillermo: REX and LHC IV (holidays)
- ❑ Alex: AD& ELENA (holidays)
- ❑ Alice and Nico: Lab and LINACs and ISOLDE (Activation LNS20)
- ❑ Support of 1x Technician 40/30 (mechanical support)

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

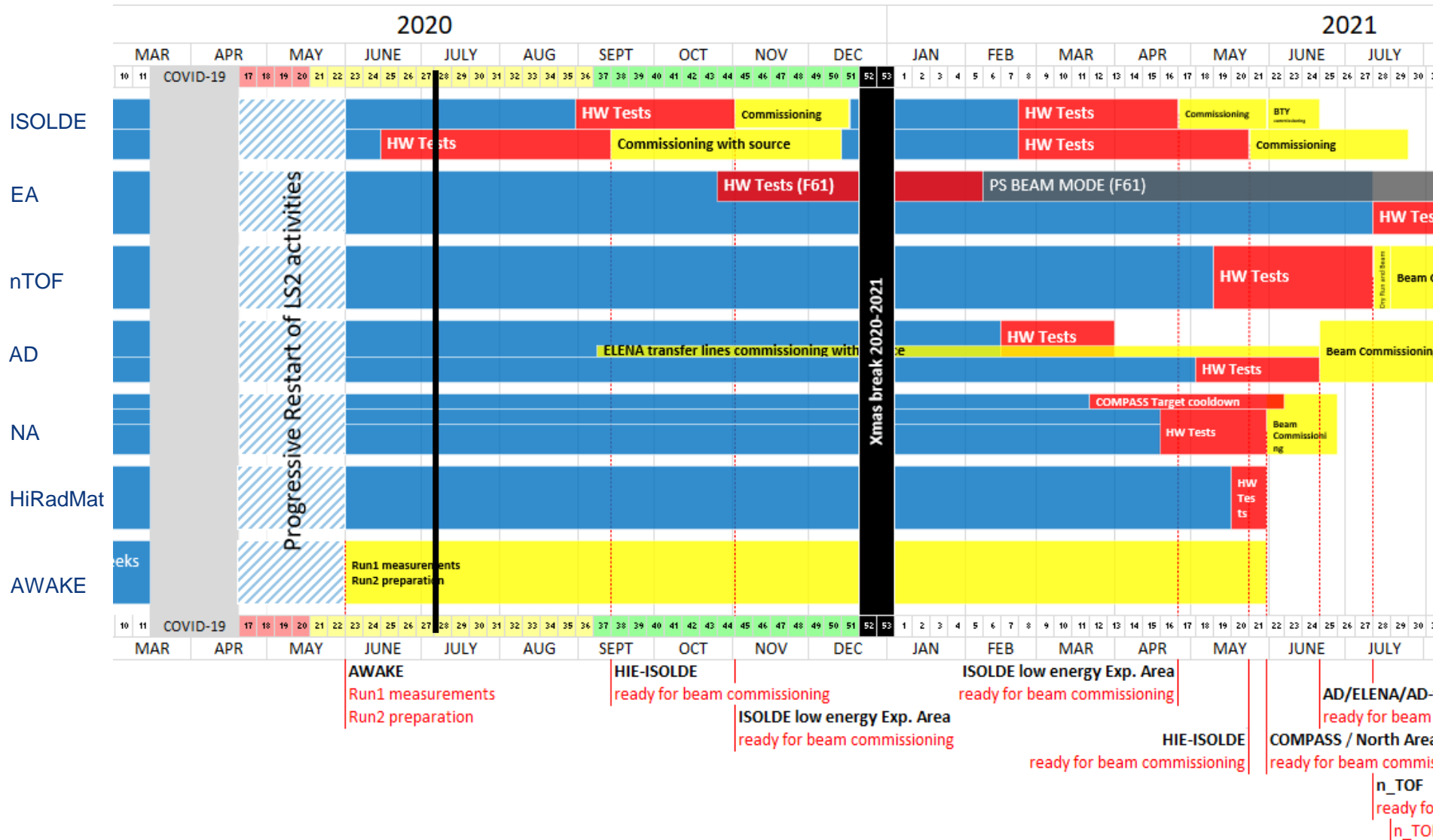
Sectors under vacuum

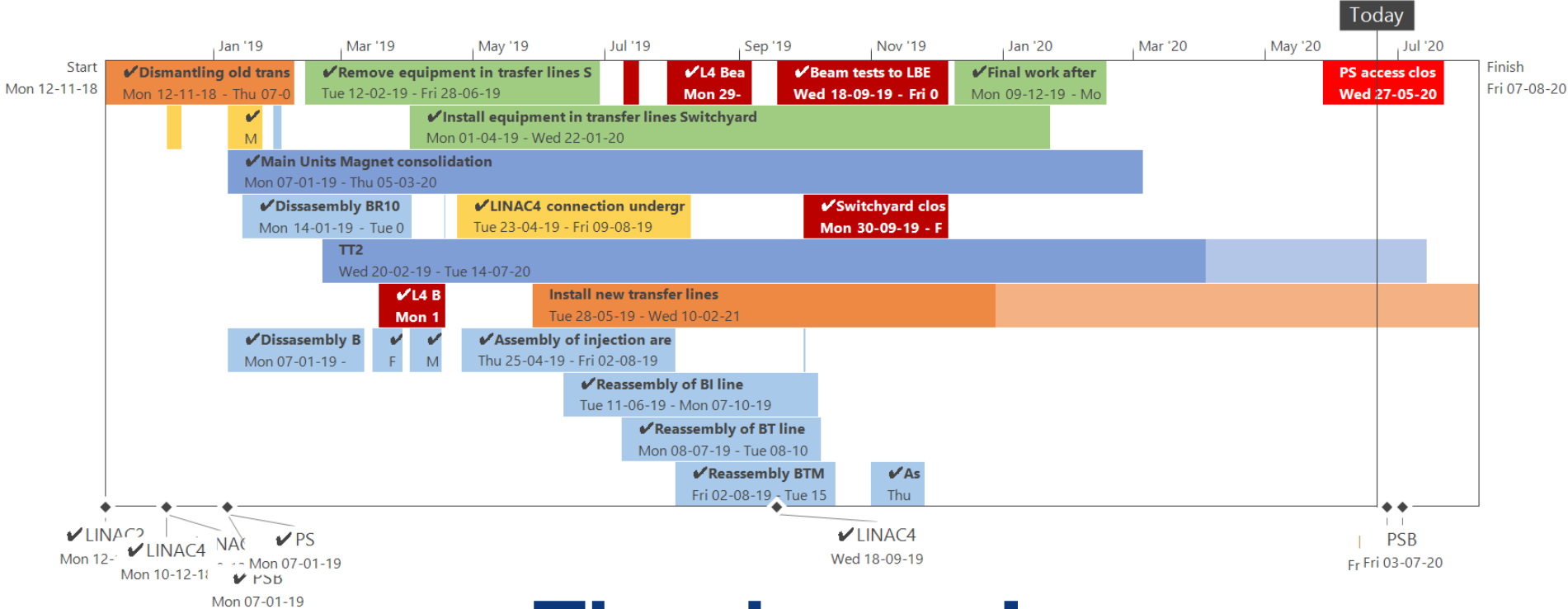
SECTORS UNDER VACUUM





Master schedule





Thank you !



LS2

