

East Hall under construction - 1962

East Area Coordination meeting #10 Activities, b.251, b.157 & b.352

Aboubakr Ebn Rahmoun / EN-EA, 08-05-2019



ENGINEERING
DEPARTMENT

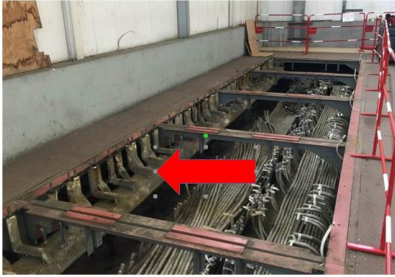


B.251

Attente rapport Olivier Prouteau pour date d'intervention et mode opératoire pour désamiantage.

Attente retour EL suite au meeting semaine 16 concernant le démontage structure et échelles à câbles.

Travaux local IT terminés.
Déplacement du Rack ces prochains jours.



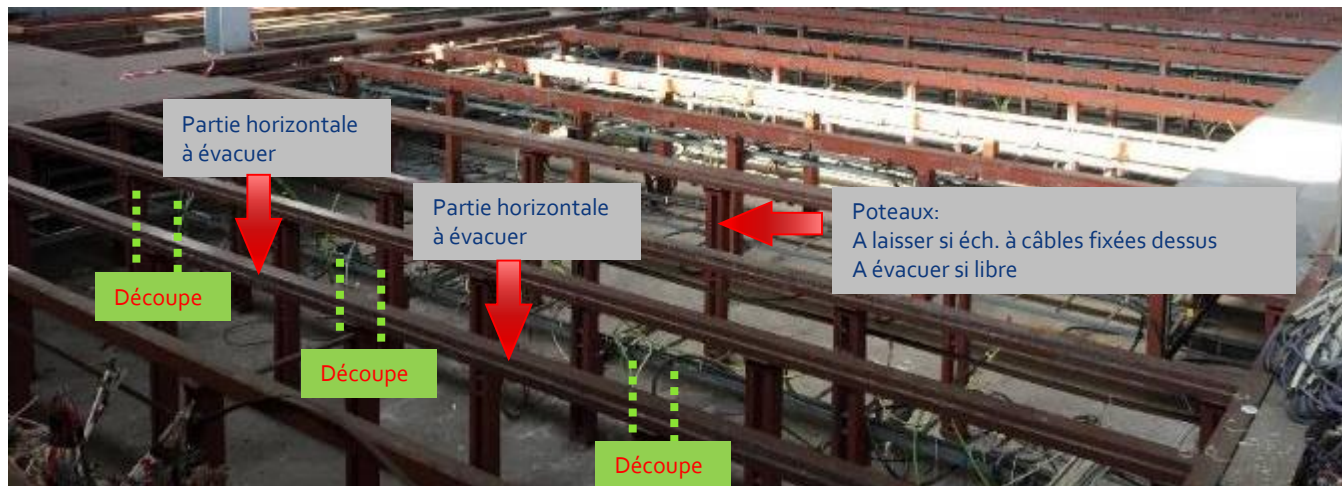
PROCHAINEMENT:

- Découpe de toute la structure du faux plancher existante, retrait et évacuation des parties horizontales y compris poteaux sur lesquels il n'y a rien de fixé. (Laisser les poteaux sur lesquels sont fixés des échelles à câbles)
- Démontage et stockage des échelles à câbles inutilisées
- Suite retrait et évacuation panneaux bois + panneaux métalliques

Deuxième temps:

(Une fois que EL aura enlevé les éch. à câbles au mois de juillet)

- Retrait et évacuation de toute la structure restante (poteaux +



Planning 251

% Compl	Task Name	Duration	Start	Finish	Qtr 2, 2019					Qtr 3, 2019				
					April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019	December 2019	
8%	East Area LS2 Planning	1340 days	Mon 30-05-16	Fri 24-09-21	[Gantt bar spanning from May 2019 to Sep 2019]									
21%	B.251	478 days	Mon 12-11-18	Wed 07-10-20	[Gantt bar spanning from Nov 2018 to Oct 2019]									
62%	Dismantling activities in b.251	231 days	Mon 12-11-18	Mon 14-10-19	[Gantt bar spanning from Nov 2018 to Oct 2019]									
90%	Dismantles Racks	1 wk	Mon 22-04-19	Fri 26-04-19	1 wk ■ Dismantles Racks									
0%	Dismantling of AHUs in b.251 extension	40 days	Mon 13-05-19	Fri 05-07-19	40 days ■ Dismantling of AHUs in b.251 exten									
0%	Phase 3B - Remaining De-cabling at 251 + Obsolete Signal 251 + All Interlock	35 days	Mon 01-07-19	Fri 16-08-19	[Gantt bar spanning from Jul 2019 to Aug 2019]									
0%	3B.1 De-cabling Signal Interlock: all from 251 till 157/352 (trap/entry)	2 wks	Mon 01-07-19	Fri 12-07-19	2 wks ■ 3B.1 De-cabling Signal Interloc									
0%	3B.2 De-Cabling Signal Cables obsolete + LV + AC	2 wks	Mon 01-07-19	Fri 12-07-19	2 wks ■ 3B.2 De-Cabling Signal Cables									
0%	3B.3 De-cabling DC inside 251 (5km/week)	2 wks	Mon 01-07-19	Fri 12-07-19	2 wks ■ 3B.3 De-cabling DC inside 251									
0%	3B.5 Cable Trays: Dismantling of cables trays at 251: 3 weeks	3 wks	Mon 15-07-19	Fri 02-08-19	3 wks ■ 3B.5 Cable Trays: Di									
0%	Installation activities in b.251	323 days	Mon 01-07-19	Wed 07-10-20	[Gantt bar spanning from Jul 2019 to Oct 2020]									
0%	Installation of AHUs	60 days	Mon 08-07-19	Fri 27-09-19	60 days ■ Installation activities in b.251									
0%	Elec. Infr. Installation ME11/B.251	205 days	Mon 01-07-19	Fri 24-04-20	[Gantt bar spanning from Jul 2019 to Apr 2020]									
0%	Civil works for new transformers installation in ME11	2 wks	Mon 01-07-19	Fri 12-07-19	2 wks ■ Elec. Infr. Installation ME11/B.251									
0%					2 wks ■ Civil works for new transform									

General information b.157

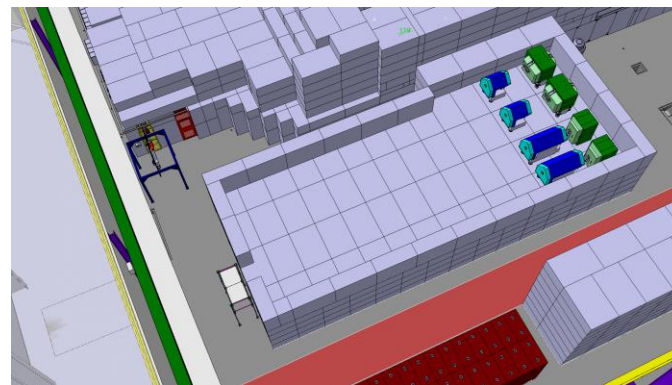
- IT, Leszek B.
 - Intervention on T.N
 - All analog phones will be removed, Thursday 9th May
 - Main users were informed
- HSE & EA
 - Work to reorganize the emergency exits during the renovation activities
 - Visit gallery for validation of ground loading, ongoing

0354-R Technical Network Routers Upgrade in PS Area will take place the 07/05/2019, from 8am to 12am



Reminders:

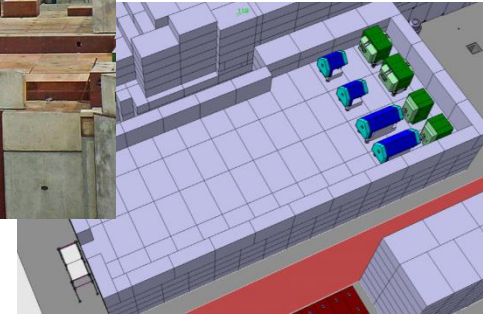
- Please, take into account that IT Technical Network will be out of service / heavily degraded during the operation.
- Please, disconnect / delete any device that will not be used during RUN 3. There are registered devices that were seen last time on-line back to 2014.



Activities

- B.157

- Dismantling
 - Concrete roof (primary area),
 - Ongoing some part of iron blocks are removed
- Storage blocks and magnets @157
 - **ground load validation on pending from HSE**
 - Q100 on CLOUD will be removed during primary area dismantling
 - Supports send and stored for maintenance EHN1 (PPE132),
- Civil engineering
 - The south wall, on going. The roof refurbishment will be start 13/05,



- B.352, PS –F61

- Magnets dismantling
 - Last magnets are removed and ready to go out (storage or waste)
 - MCB, need to find a destination, high radioactivity for storage in the 157
 - All vacuum chambers are removed by EN-EA
 - M100 & M200 programmed for end of May by EN-HE
 - possibility to augment temporary the load of crane, 25t->30t
- Transport activities, EN-HE
 - Dismantling and relocated shielding on b.157, done
 - Open trench for removing the hoses removal, TE-MS
- EN-CV dismantling on going, manifolds and water pipes
- Next step, EN-EL?



Advancement b.157

Primary area roof Opening last iron blocks layer 20/05->07/06

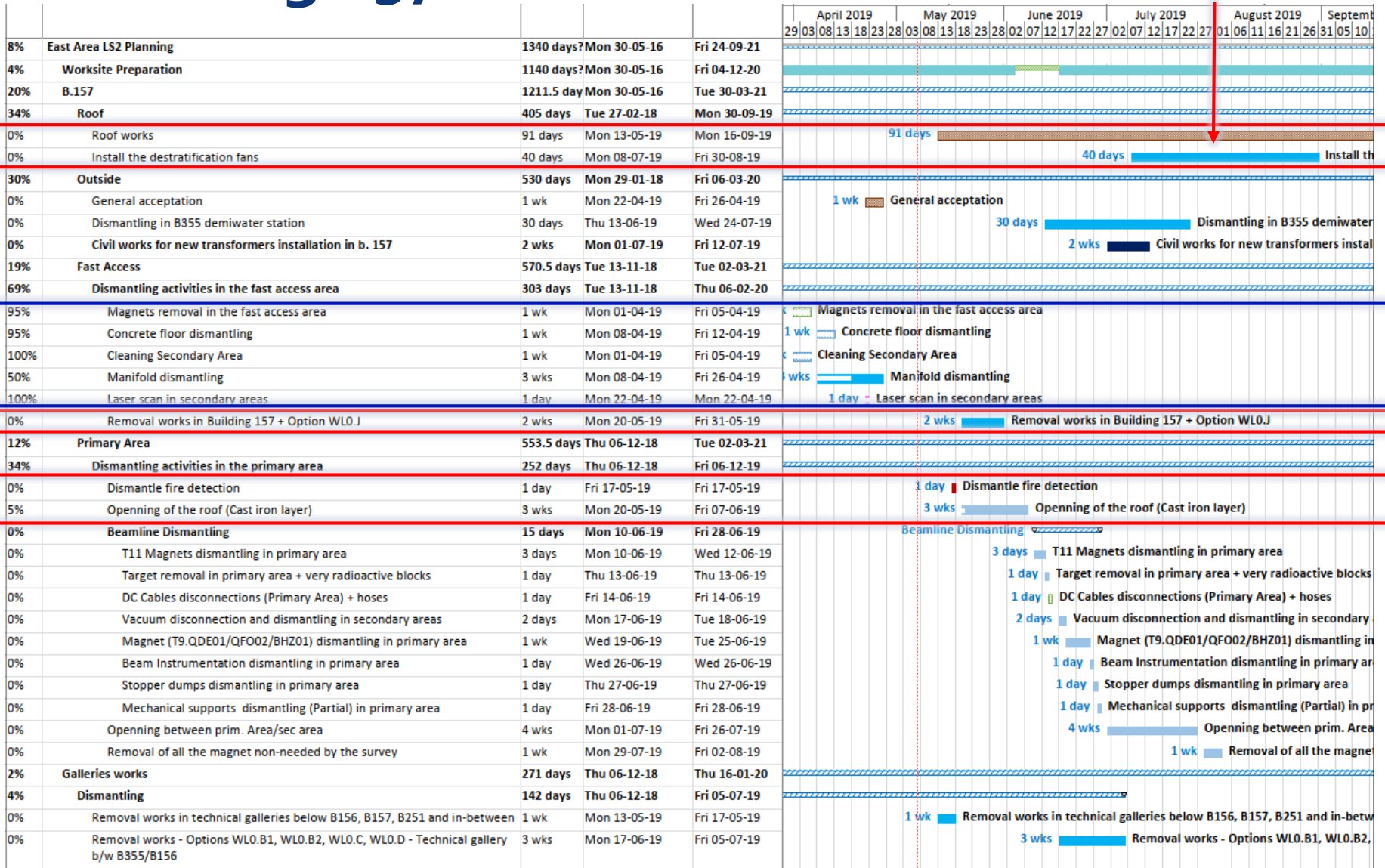


Storage area, blocks and magnets



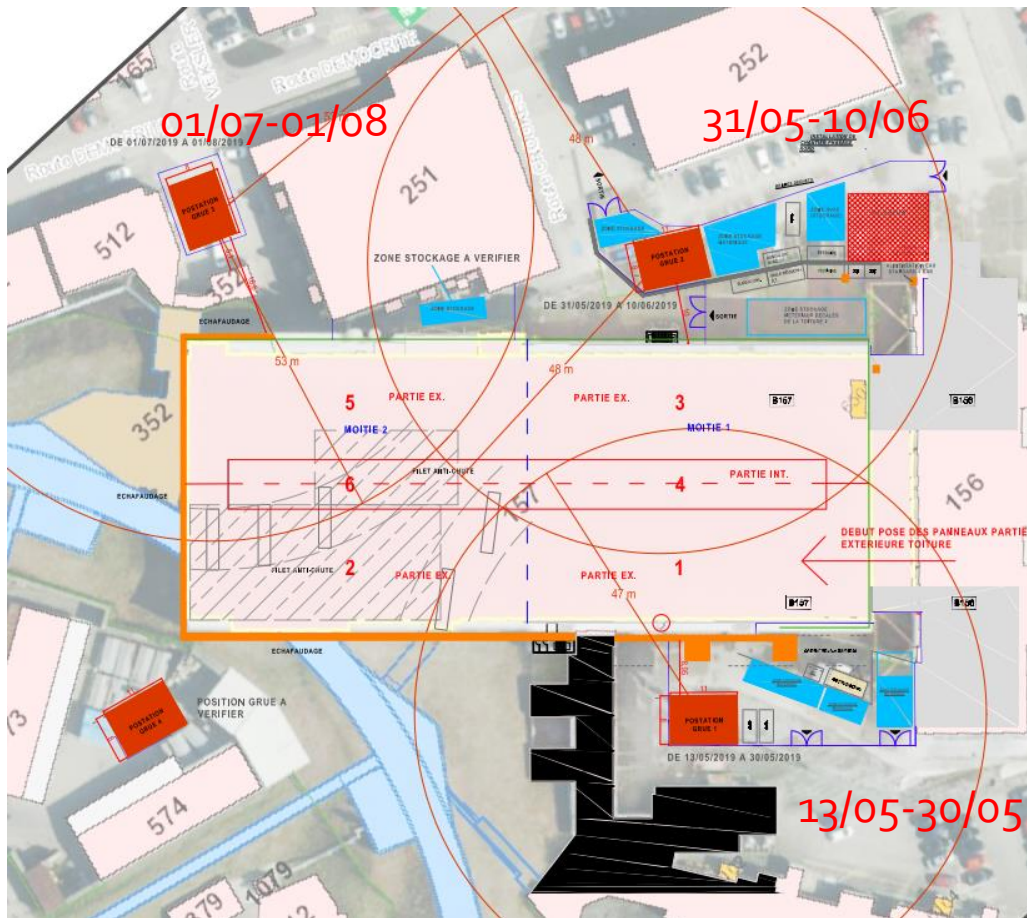
Planning 157

CV installation
Start end of July?



SMB Roof renovation

- Roof renovation



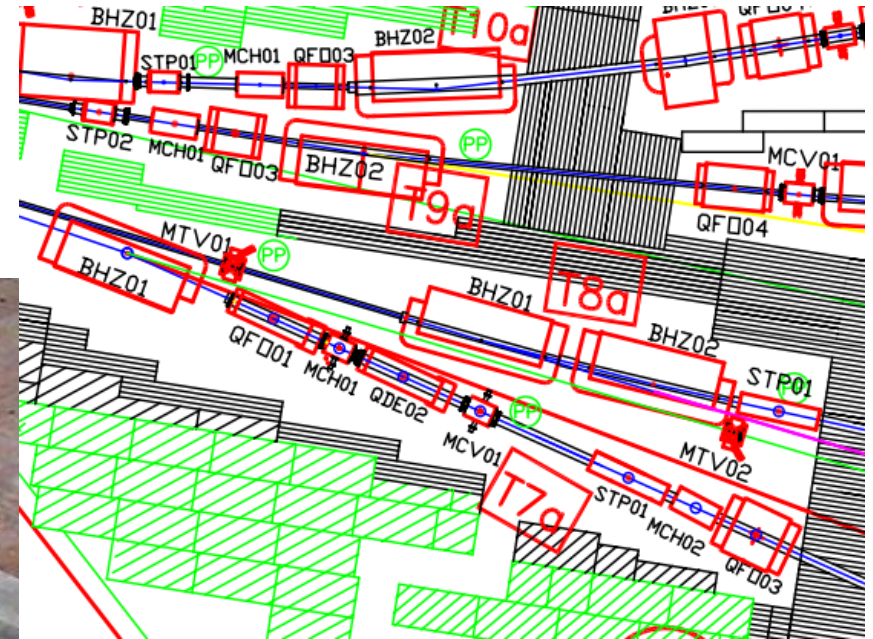
- Need coordination between SMB, CV & EA
- Crane, "platelage" removing, access etc.

Primary area

- Erwan's talk:
 - Conclusion of ALARA committee,
 - Dismantling process
 - Link: [Dismantling of the East Area primary zone and the F61 beamline](#)
 - EDMS: [2086121](#)

MCB need from T07 or T08

- MCBV from F61 has too high radioactivity to go on Preveessin
 - Roberto check with RP, if possible to take it quickly



B.352, PS area

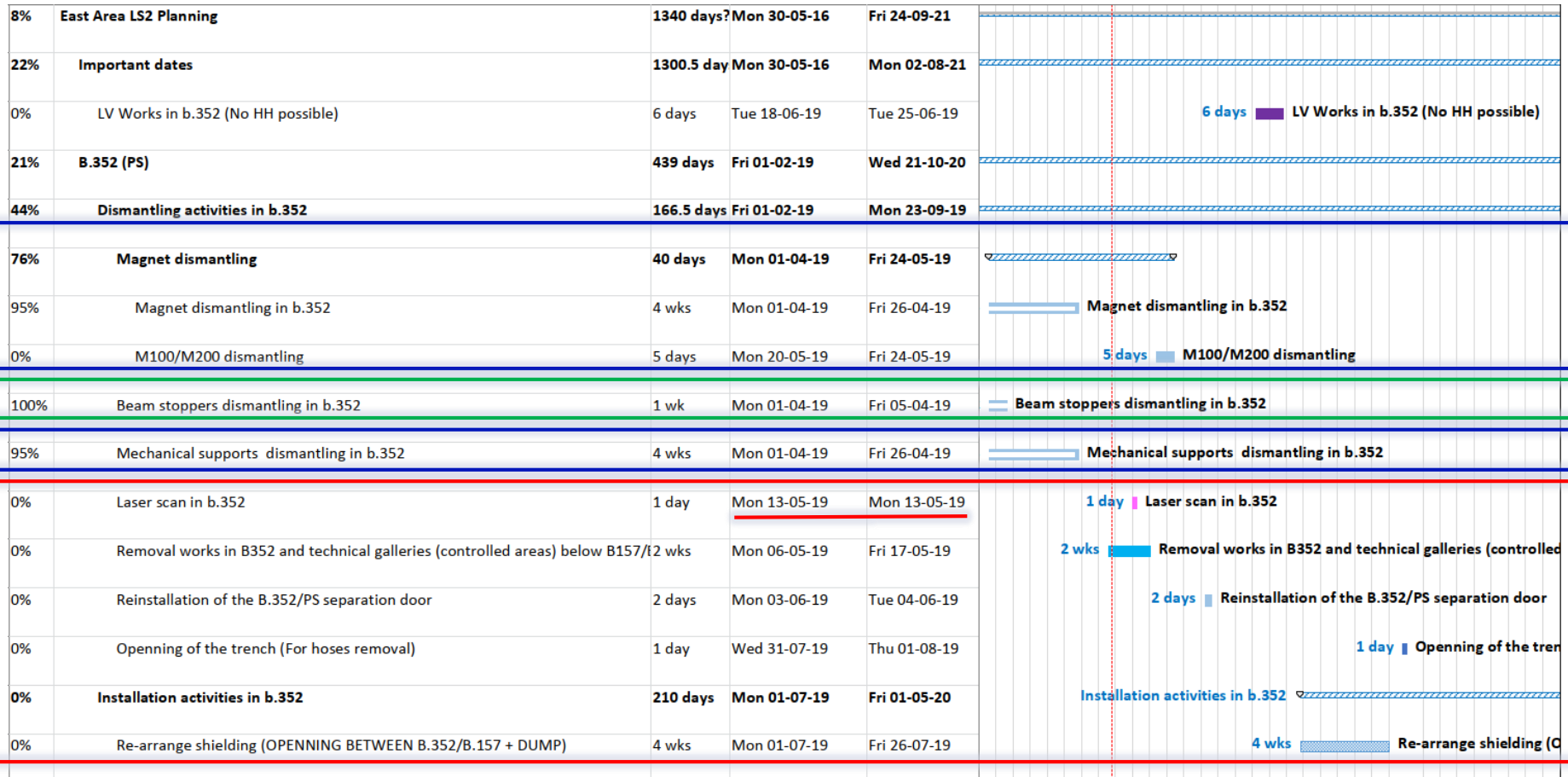
Démantèlement F61

- Déconnexions câbles DC & flexibles ED, TE-MSD,
- Déconnexions du vide et enlèvement pompe à vide, TE-VSD/EN-EA
- Préparation network, EN-SMM, du 13 au 15/03
- Désinstallation BE-BI, LSD, SEC, BTV's, TFA, BE-BI/EN-HE,
- TREC et évacuation, matériel stockage, déchets en cours
- Démontage de la porte secteur, EN-ACE, BE/ICS,
- Manutention EN-HE,
 - Etude structurel du sol validé par SMB,
 - Démontage blindage (coté accès et splitter), évacuation blocs < 24-16-8, Test de charge du pont validé
 - Désinstallation aimants/équipements et supports F61: Lancement VIC TE-MSD, EN-STI => EN-ACE
 - Q74 done TE-VSD, MNPA 25, Q120, MEA (DVT1), MEA (DVT2), QFL, Q600, SMH01(SPLITER)
 - Beam-stopper 01 et 02, EN-STI
 - Démontage blindage MCB, Dump F61D
 - MCB, Q120, Q120, MNPA25, M105, **blind access** for MCB transport
 - M100 M200, démontage prévu fin Mai, **blind access, pont 25t->30t**
 - EN-CV dismantling on going, manifolds and water pipes
 - Next step, EN-EL?

Many thanks to Roberto L. teams

[Inventaire partie 352](#)

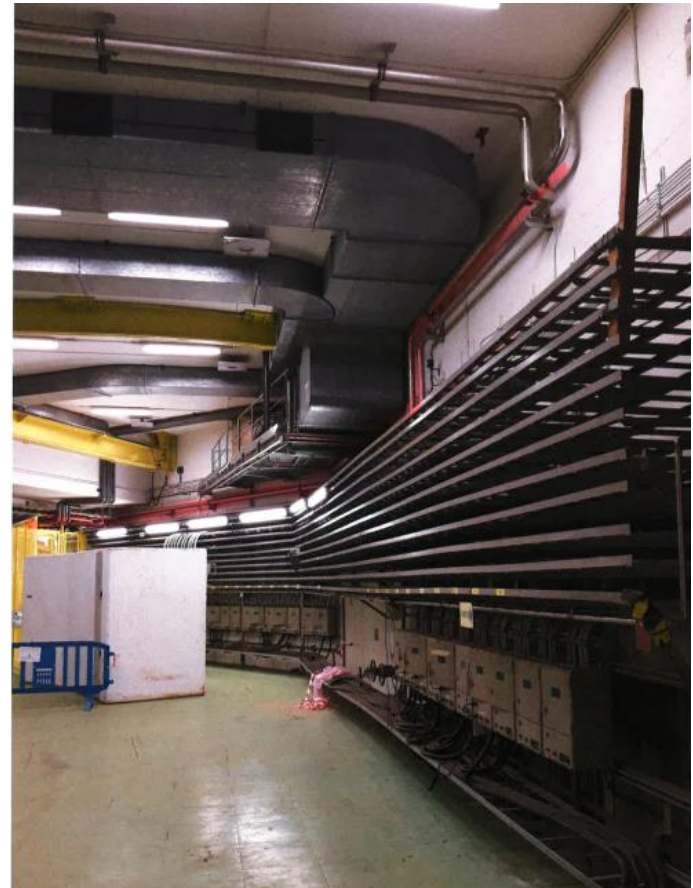
Planning 352



- EN-SMM during laser scan

- Possibility to measure the CCS on the two magnet before Q74?

Advancement



Preparation intervention b.352,

- Organisation de la VIC par les différents groupes,
 - Prendre le numéro d'impact correspond, MAJ des dates et des intervenants,
 - Joindre la VIC et mise en approbation

<u>Impact</u>	<u>Activity name</u>	<u>Responsible</u>	<u>DEP-GPE</u>	<u>WPD N#</u>
	Value With RP Supervision			-
	<u>DIMR 7981350</u>			-
126000	Opening of the trench (For hoses removal) + Relocation of shieldings for magnet removal	J. Fermanel	EN-HE	1596/1
126006	Levelling PS (b.352) / East Area (b.157)	Philippe Dewitte	Survey	1599/1
126008	Magnet dismantling in b.352	Roberto Lopez	TE-MSD	1602/1
126009	Vacuum disconnection and dismantling in b.352	Victor De Jesus	EN-EA	1600/1
126010	Network preparation b.352	Philippe Dewitte	Survey	1601/1
126012	Beam Instrumentation dismantling in b.352	Jocelyn Tan	BE-BI	1603/1
126013	Beam stoppers dismantling in b.352	Edouard Grenier-Boley	EN-STI	1604/1
126011	Laser scan in b.352	Philippe Dewitte	Survey	1606/1
126016	Dismantling cooling network for F61 in PS-Ring	Francesco Dragoni	EN-CV	1607/1
126017	EN-EL Decabling (DC+signals) Activities	Pawel Burdelski	EN-EL	1610/1
126018	Re-arrange shielding (B.352/B.157 + DUMP)	J. Fermanel	EN-HE	1611/1

Activités et responsabilités

Intitulé	Bâtiment	Responsable	N° VIC	Date VIC	N° IMPACT	Date IMPACT	Consignation
Démontage faux plancher bois	251	Gurkan D. (EN-EA)			116897	30/07/2018	
Decablage EBRC (signal+LV)	251-157-817	Pawel B. (EN-EL)	4245	03/12/2018	122301	03/12/2018	
Demontage couche beton zone primaire	157	Aboubakr E. (EN-EA)	4272	43437	122458	03/12/2018	
Demantelement equipement CV	157	Guillaume R. EN-CV			124116	21/12/2018	
CLOUD server debugging	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	127561	19/02/2019	
Maintenance préventive des éclairages route et parking	157 outside	Stephane D. (EN-EL)			127537	19/02/2019	
timelapse B157	157/Mur nord	BRICE M. (IR/ECO)			127554	19/02/2019	
Chamber maintenance and operation	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	127717	21/02/2019	
MOMO deployment	157, IT	Mohssen (IT/CS)			128126	27/02/2019	
Inventory of CLOUD SWAGELOK Equipment	157/CLOUD	Joschka P.			128085	27/02/2019	
chamber maintenance and operation	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	128443	05/02/2019	
Stockage instrumentation BI (F61)	157/IRRAD facility	Jocelyn T. (BE/BI)			128475	05/03/2019	
Installation of 4200A by Linktronix in IRRAD	157 R-007	GORINE G. (EP/DT)			128711	08/03/2019	
Annual cleaning at experimental area	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	128919/129396	12/03/2019	
Travaux génie civil dans B.251/R-409 (Local IT)	251/R-409	Gurkan D. (EN-EA)			128532	08/03/2019	
Couverture faux plancher extension B.251	B.251	Gurkan D. (EN-EA)	4646	18/03/2019	129182	19/03/2019	
Test Camera	157/CLOUD	Serge M. (EN-MME)	EDMS:2102533	31/01/2019	129460	20/03/2019	
CLOUD - pipe pollution checks	157/CLOUD	Louis-P. D.M. (EP/DT)			129445	20/03/2019	
Decoupe chambre à vide radioactive	157/R-001	Aboubakr E. (EN-EA)	4689	26/03/2019	129797	26/03/2019	
Retrait des échelles à câbles dans extension B.251	251/R-005	Gurkan D. (EN-EA)	4688	27/03/2019	129774	25/03/2019	
Nettoyage du hall 157	157/R-001	Aboubakr E. (EN-EA)			130018	27/03/2019	
CLOUD gateway setup	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	129897	27/03/2019	
Visit to the IRRAD facility infrastructure of IT colleagues	157/Irrad facility	Federico R. (EP/DT)			130851	09/04/2019	
Error investigation of the Huber Unistat 950 cooling	157/CLOUD	ROBERT K. (EP/DT)	EDMS:2102533	31/01/2019	131004	10/04/2019	
pipe pollution reconstruction + Massflow controller installation	157/CLOUD	Louis-P. D.M. (EP/DT)			131252	15/04/2019	
Zone East consolidation- 157 Piping and skid	157/CV installation	GUILLAUME RAIMONDI		07/05/2019	130730	05/04/2019	
Démontage manifold zone T9/T10	157/T09-T10	GUILLAUME RAIMONDI	4776	16/04/2019	131321	16/04/2019	
Evaporator inventory and check	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	131358	16/04/2019	
Reglette labelling and gas bottle inventory	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	131634	23/04/2019	
Repair of CLOUD instrument	157/CLOUD	Joschka P. (EP/DT)	EDMS:2102533	31/01/2019	132014	30/04/2019	
CLOUD T11: emptying evaporators	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	132079	30/04/2019	
Survey on CLOUD	157/CLOUD	Laure W. (EN-SMM)			132081	30/04/2019	
Réglage limiteur de charge du PR-280 au bâtiment 157	157R-408	Filippo C. (EN-HE)			132447	07/05/2019	
Error investigation of the Huber Unistat 950 cooling plant	157/CLOUD	ROBERT K. (EP/DT)	EDMS:2102533	31/01/2019	132384	06/05/2019	
Pipe pollution reconstruction + Massflow controller installation	157/CLOUD	Louis-P. D.M. (EP/DT)			132348	06/05/2019	

Power distribution, users feedback

- We need two types of feedback:
 - Functional locations 157 & 251: To know which are in use and to be kept after LS2, and which can be removed.
 - User's loads requirement: All new and existing loads need to be specified.
- User load requirements need to be realistic usage, to avoid needlessly oversizing the electrical network.
- Feedback received so far is incomplete. We're working with those who have sent us at least something, but many have sent nothing despite several reminders and phonecalls.
- On 19th of March we sent the following mail to those who have not responded:
"If we receive no feedback, we will not take any user specific requirements into account and simply base the power distribution on the CDR (EDMS 1824668 Rev. 2.1). Any changes after this will have to be handled as an ECR."
Needless to say, late changes after design is finalized will incur extra work and extra cost.
- If anyone has questions regarding the feedback forms sent out, please e-mail Sølve Slettebak as soon as possible.

AC Loads requirement, 157 and 251

Marco's talk

[Link](#)

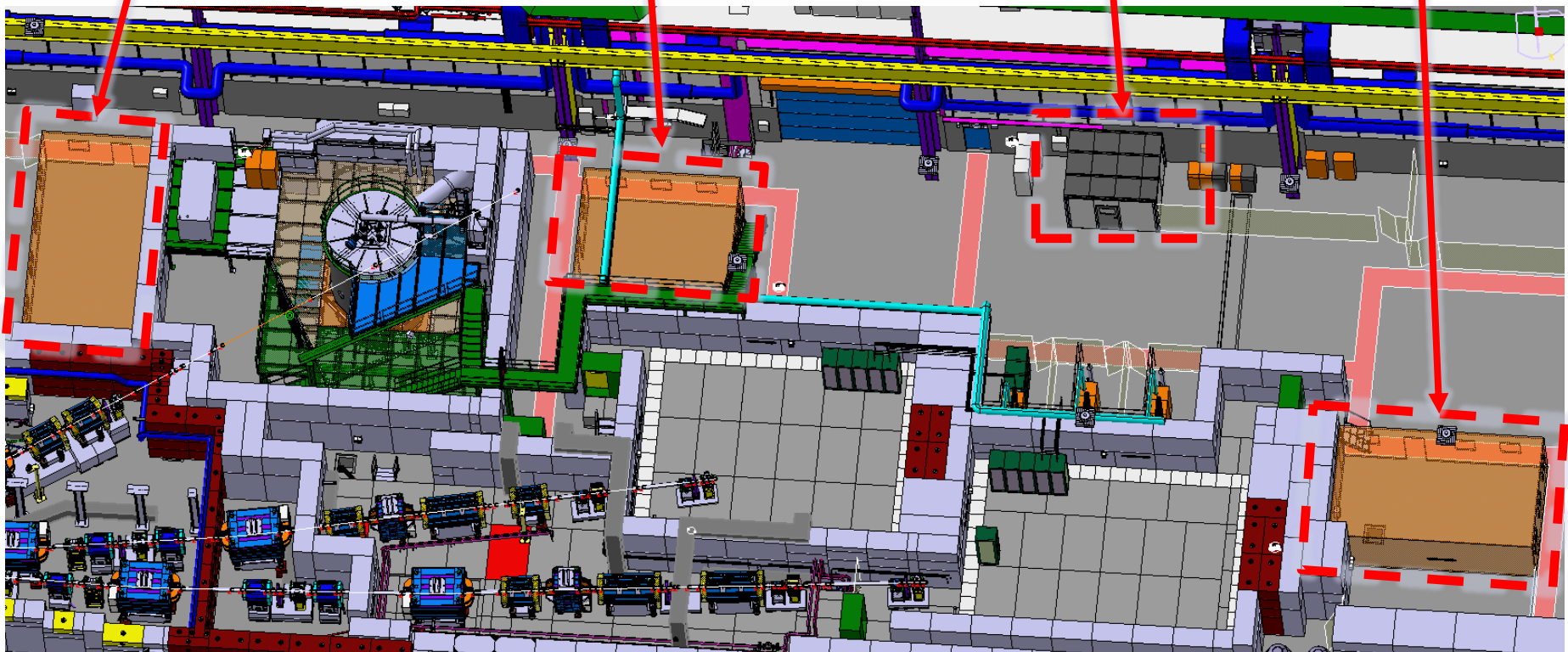
Integration: IT, T09, T10 & T11

T11
8,6x4,5x2.5m
With separation

T10
6,2x6x2.5m

IT
3,7x3,23x2.5m

T09
8x4x2.5m



Process & purchase control room

Iteration

Done

- EN-CV
 - Technical specification and characteristic of the installations
 - Thermal study need be approved by CV and the maintenance will be supported

Next meeting

- Users
 - Thermal loads by control room, (equipments and people)
- EN-EL
 - How we process the electrical part
- HSE
 - Safety aspect, ventilation (air neuf), seismic risks, composition of control rooms conform with IS41

Task Name	Baseline Duration	Start
Install new control rooms	3 wks	Fri 10/07/20

Questions?



EAST AREA RENOVATION

