

East Hall under construction - 1962

East Area Coordination meeting #9 Activities, b.157 & b.352

Aboubakr Ebn Rahmoun / EN-EA, 10-04-2019



ENGINEERING
DEPARTMENT



Activities

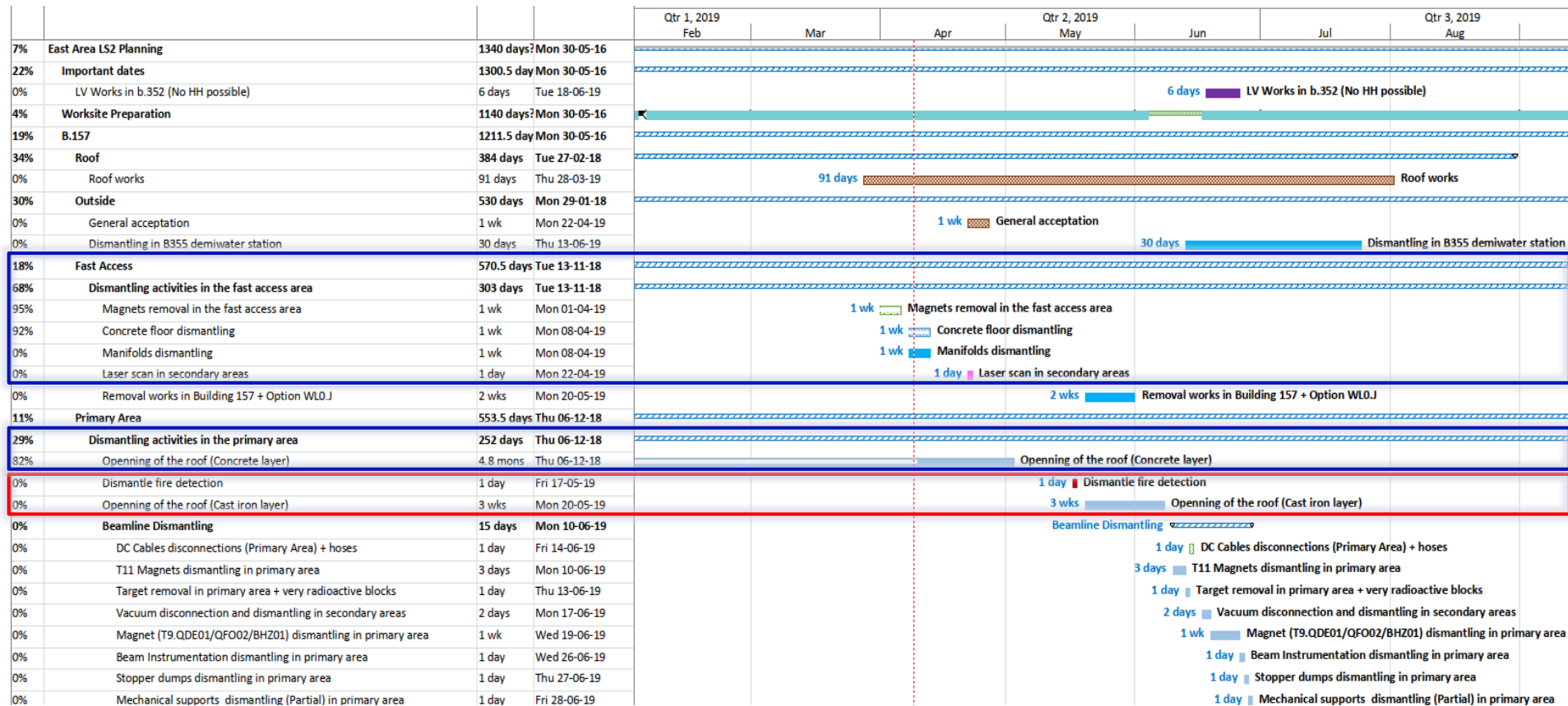
- B.157

- Dismantling stopped
 - Concrete roof (primary area) and SBA shielding, ~600 blocs
 - 40 blocks to EHN1 and ~50 to zone 19
 - Preparation of a storage area inside 157, ground load validation on pending from HSE
 - Remove magnets and supports, done
 - Some magnets from b.352 & 157 will be stored in the 157
 - Q100 on CLOUD will be remove during primary area dismantling
 - Support stored for maintenance @EHN1 (PPE132),
 - SMB
 - The south wall,
 - CV & ICS services removed, EL in progress
 - PR-67 will be “dézoné” by EN-HE

- B.352, PS –F61

- Magnets dismantling, TE-MSD, EN-HE
 - Some magnets are removed and ready to go out (storage or waste), TREC done
 - The vacuum chamber of Q74 are removed and stored by TE-VSC
 - M100 & M200 programmed for end of May by EN-HE
- Beam stopper are removed, EN-STI, EN-HE
- Transport activities, EN-HE
 - Dismantling and relocated shielding on b.157, on going
 - Next steep, remove MCB, “tortue” needed, not ready actually?
- Remove vacuum chamber MCB, and cutting on 3xQ120 for waste, EN-EA, VIC same b.157?

Planning 157



Storage blocks and magnets, 157

- 4 aimants M100 de 15 tonnes (soit 11.7 tonnes/m²)
- 2 aimants Q100 de 4 tonnes (soit
- 2 aimants Q200 de 9 tonnes

4 couches de 60 blocs béton 24168 (1800 tonnes) + 22 blocs 24168 (165 tonnes) pour les murs.
Total = 1965 tonnes soit 8.5 tonnes/m²

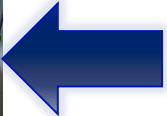
Pending validation from HSE

Advancement b.157

Primary area roof



Storage area, blocks and magnets



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 waiting 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 en cours
 - MCB, Q120, Q120, MNPA25, M105, **blind access** for MCB transport
 - M100??? M200, démontage prévu fin Mai, **blind access**
 - Le minimum de blocs seront stocké au b.352 pour faciliter les intervention
 - **Blocs 24-16-8 déplacer pour EN-CV, visite à prévoir EN-CV et EN-EA**

[Inventaire partie 352](#)

Planning 352

12%	B.352 (PS)	439 days	Fri 01-02-19					
29%	Dismantling activities in b.352	166.5 days	Fri 01-02-19					
70%	Relocation of shieldings for magnet removal	2 wks	Mon 18-03-19			2 wks	Relocation of shieldings for magnet removal	
65%	Magnet dismantling in b.352	3 wks	Mon 01-04-19			3 wks	Magnet dismantling in b.352	
90%	Beam stoppers dismantling in b.352	1 wk	Mon 22-04-19			1 wk	Beam stoppers dismantling in b.352	
65%	Mechanical supports dismantling in b.352	2 wks	Mon 29-04-19			2 wks	Mechanical supports dismantling in b.352	
0%	Laser scan in b.352	1 day	Mon 13-05-19			1 day	Laser scan in b.352	
0%	Removal works in B352 and technical galleries (controlled areas) below B157/l2 wks	2 wks	Mon 06-05-19			2 wks	Removal works in B352 and technical galleries (controlled areas) below B157/B352	
0%	Reinstallation of the B.352/PS separation door	2 days	Mon 03-06-19			2 days	Reinstallation of the B.352/PS separation door	

Advancement



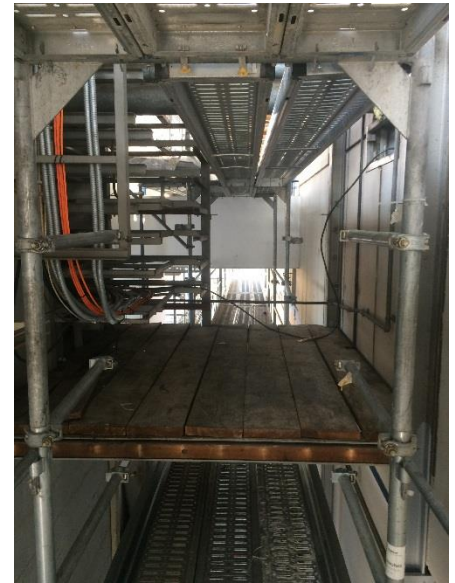
Preparation intervention b.352,

- 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

Rénovation mur Sud

- SMB activités



Activités et responsabilités

Intitulé	Bâtiment	Responsable	N° VIC	Date VIC	N° IMPACT	Date IMPACT	Consignation
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	
Préparation démantèlement F61 et blindage	352	Aboubakr E. (EN-EA)			126094	28/01/2019	
Look for specifications of dew point mirror	157/T11 CLOUD	PFEIFER JOSCHKA	EDMS:2102533	31/01/2019	126719	06/02/2019	
Levelling PS (b.352) / East Area (b.157)	352->157	Laure W. (EN-SMM)	4432	01/02/2019	125954/125947	25/01/2019	
Pose menuiseries exterieures	157	Christophe B. (SMB)		12/02/2019	127076	12/02/2019	
Visit to the IRRAD facility infrastructure	157/IRRAD facility	Federico R.			126980	11/02/2019	
CLOUD server debugqing	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	
Demontage structure T10	157/T10	Aboubakr E. (EN-EA)	4539	20/02/2019	127713	21/02/2019	
swisscom monitoring @157	157	Agosta S. (IT/CS)			127898	25/02/2019	
CLOUD server debugging	157/CLOUD	Stefan W. (EP/DT)	EDMS:2102533	31/01/2019	127910	25/02/2019	
CLOUD T11: chemical workspace planning	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	128000	25/02/2019	
(final) CLOUD server setup	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	128141	27/02/2019	
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	

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

- APRON AC needed by responsible: [Tab](#)

Batiment	Salle	Desc. Salle	Nom Rack	Propriétaire	Fonction	Besoin so	Besoi	Status confirmed for the renovation	Intégré
157	1-009	APRON	APR29	Christos Zamantzas (BE-BI-BL)	BLMs for F61 T8 and CHARM			Confirmed	Oui
157	1-009	APRON	APR30	Stephane Burger (BE-BI)	BTV			Confirmed	Oui
157	1-009	APRON	APR31	Benjamin Ninet (BE-CO)	Recuperation du matériel en APR22			Confirmed	Oui
157	1-009	APRON	APR21	Jocelyn Tan (BE-BI)	Timing(BE-CO)/Scintillateur + scaler utilisateur (FROMEBCR BY	2TN		Confirmed	Oui
157	1-009	APRON	APR22	Jocelyn Tan (BE-BI)	Chambres à délai (FROMEBCR BY08)	2TN		Confirmed	Oui
157	1-009	APRON	APR23	Franco Lenardon (BE-BI)	Instrumentation Faisceau sur ligne 61			Confirmed	Oui
157	1-009	APRON	APR24	Jocelyn Tan (BE-BI)	Telescope, Chambre analogique CHARM	2TN		Confirmed	Oui
157	1-009	APRON	APR25	Jocelyn Tan (BE-BI)	Rack liaison interbarraque (inclus les liaisons de l'EBCR)			Confirmed	Oui
157	1-009	APRON	APR26	Jocelyn Tan (BE-BI)	Nouveau rack Cerenkov			Confirmed	Oui
157	1-009	APRON	APR27	Benjamin Ninet (BE-CO)	Conservé (Reboot (Twido) + MTG)			Confirmed	Oui
157	1-009	APRON	APR32	Jerome Lendaro (EN-STI)	Beam stopper (EN-STI)	2TN		Confirmed	Oui
157	1-009	APRON	APR33	Denis Raffourt (BE-ICS)	Beam imminent Warning			Confirmed	Oui
157	1-009	APRON	APR34	Guillaume Michet(HSE-RP)	Rack RP			Confirmed	Oui
157	1-009	APRON	APR35	Guillaume Michet(HSE-RP)	Rack RP			Confirmed	Oui
157	1-009	APRON	APR36	Christophe Mitifiot (EN-STI)	Rack conservé et utilisé pour le controle de la 2eme target	2TN		Confirmed	Oui
157	1-009	APRON	APR38	Didier Chapuis (BE-ICS)	Système d'accès			Confirmed	Oui
157	1-009	APRON	T(APR40*EH	Jerome Lendaro (EN-STI)	Control collimateurs et XCON	2TN		Confirmed	Oui
157	1-009	APRON	T(APR41*EH	Jerome Lendaro (EN-STI)	Control collimateurs et XCON	2TN		Confirmed	Oui
157	1-009	APRON	M(APR42*EH	Richard Mompo (TE-MPE)	WIC	2TN		Confirmed	Oui
157	1-009	APRON	V(APR43*EH	Abel Gutierrez (TE-VSC)	Vacuum (5x TPG + PLC)	2TN	ises 16A-	Confirmed	Oui
157	1-009	APRON	C(APR44*EH	LIBRE		2TN		Not Confirmed	Oui
157	1-009	APRON	C(APR45*EH	LIBRE		2TN		Not Confirmed	Oui

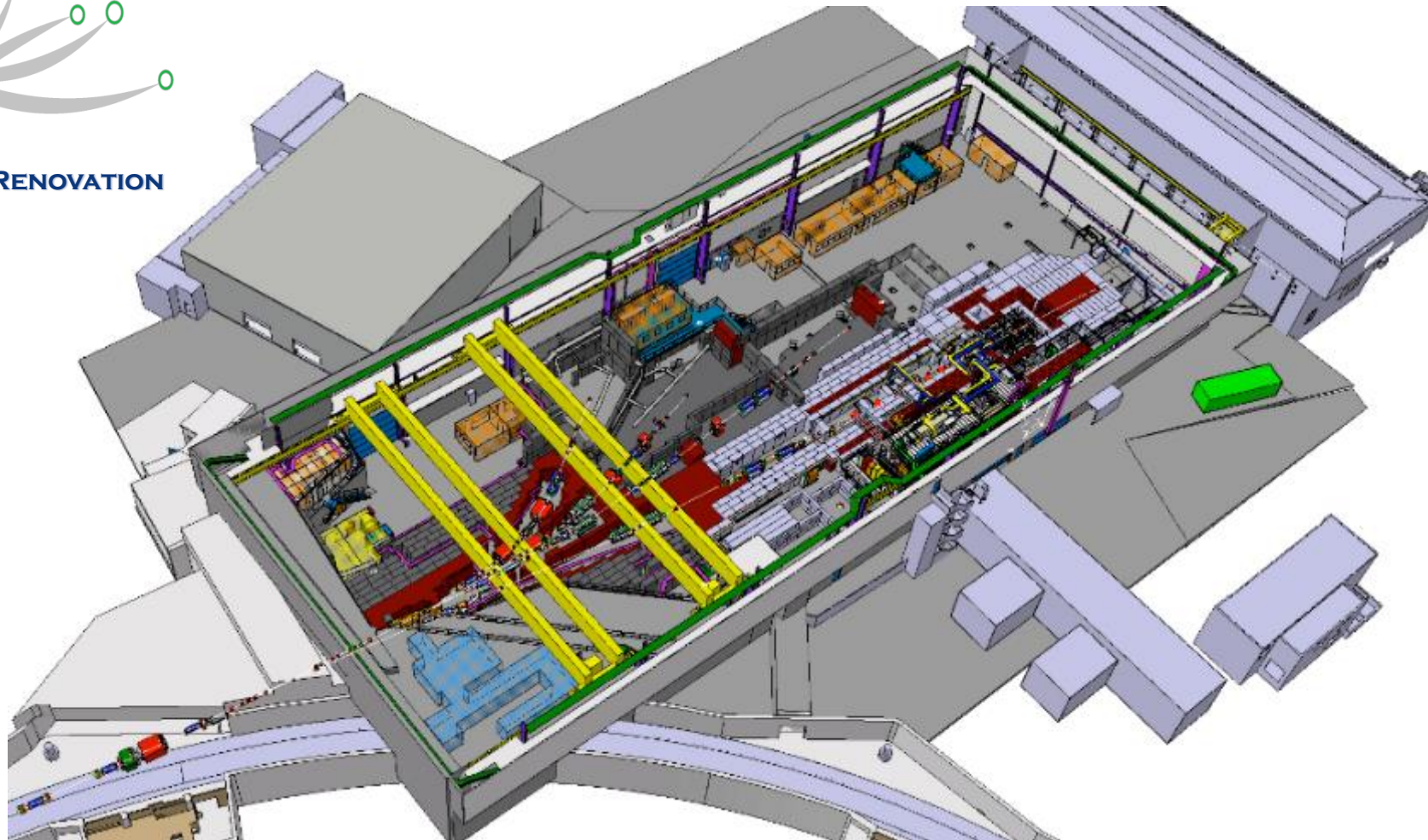


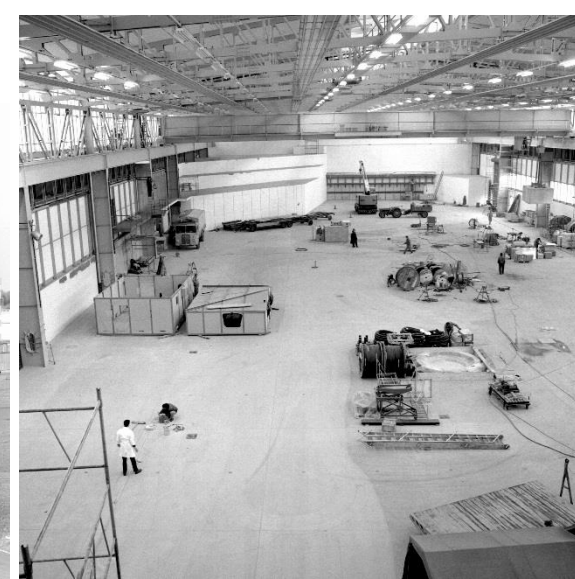
Batiment	Salle	Desc. Salle	Nom Rack	Propriétaire	Fonction	Besoin so	Besoi	Status confirmed for the renovation	Intégré	Connection type	Power needed
157	1-009	APRON	APR32	Jerome Lendaro (EN-STI)	Beam stoppers (EN-STI)	2TN		Confirmed	Oui	2x 5 sockets 230V UPS	15 KVA
157	1-009	APRON	APR36	Christophe Mitifiot (EN-STI)	Multitargets et beam stoppers	2TN		Confirmed	Oui	2x 5 sockets 230V UPS	15 KVA
157	1-009	APRON	T(APR40*EH	Jerome Lendaro (EN-STI)	Control collimateurs et XCON	2TN		Confirmed	Oui	2x 5 sockets 230V UPS	3 KVA
157	1-009	APRON	T(APR41*EH	Jerome Lendaro (EN-STI)	Control collimateurs et XCON	2TN		Confirmed	Oui	2x 5 sockets 230V UPS	3 KVA

Questions?



EAST AREA RENOVATION





East Hall under construction - 1962

East Area Coordination meeting #9 Activities, b.251

Gurkan Dogru/ EN-EA, 10-04-2019



ENGINEERING
DEPARTMENT



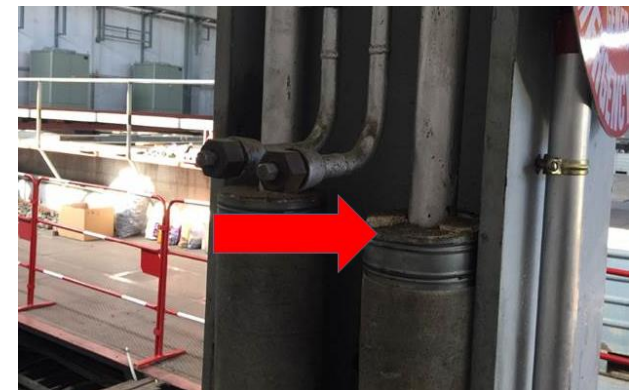
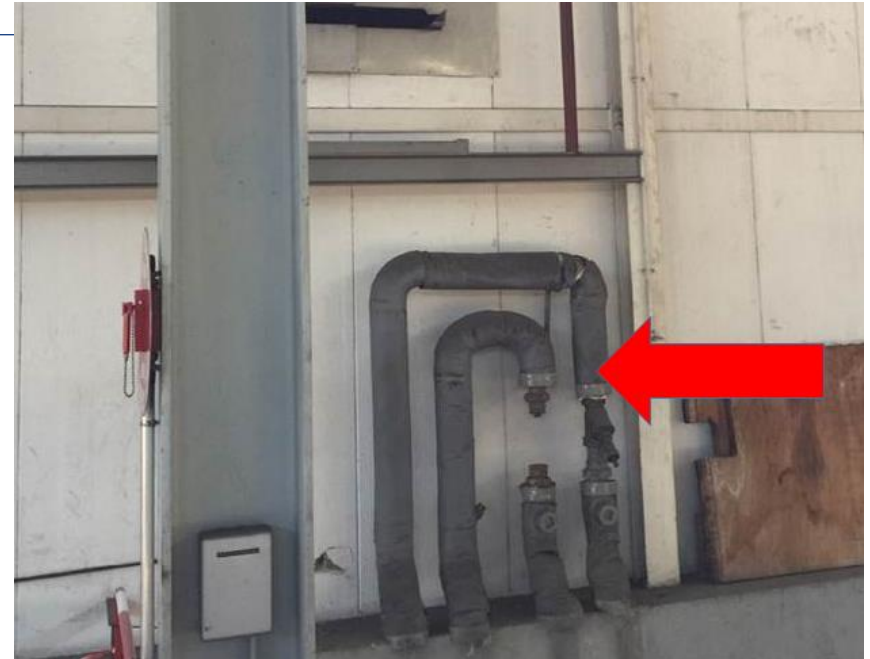
BÂTIMENT 251

IMPORTANT :

Prélèvement sur l'isolation qui entoure ces tuyaux pour diagnostic amiante.

Zone condamnée, aucune activité autorisée.

Si résultats positifs, il faudra alors attendre que l'opération de désamiantage soit terminée pour pouvoir accéder de nouveaux à cette zone.



BÂTIMENT 251

Retrait faux plancher en cours



BÂTIMENT 251

Prochaine activité:

Retrait des câbles (prévu juillet 2019)



BÂTIMENT 251

Chape dans local IT coulée

Travaux à venir:

Passages de câbles

Peinture

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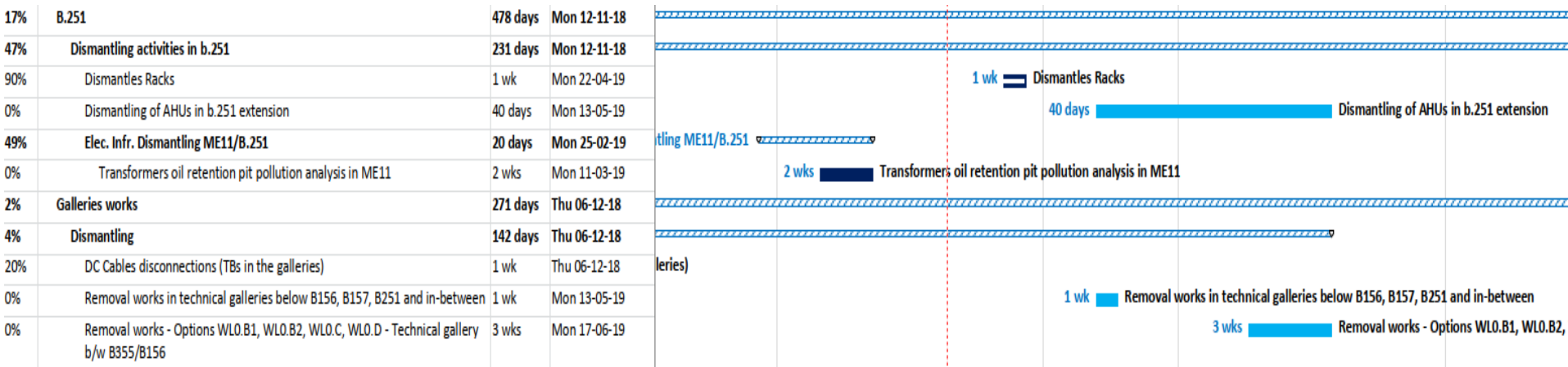


Extension B.251

Retrait ERD et échelles à câbles terminé



Planning



Questions?



EAST AREA RENOVATION

