

*East Hall under construction - 1962*

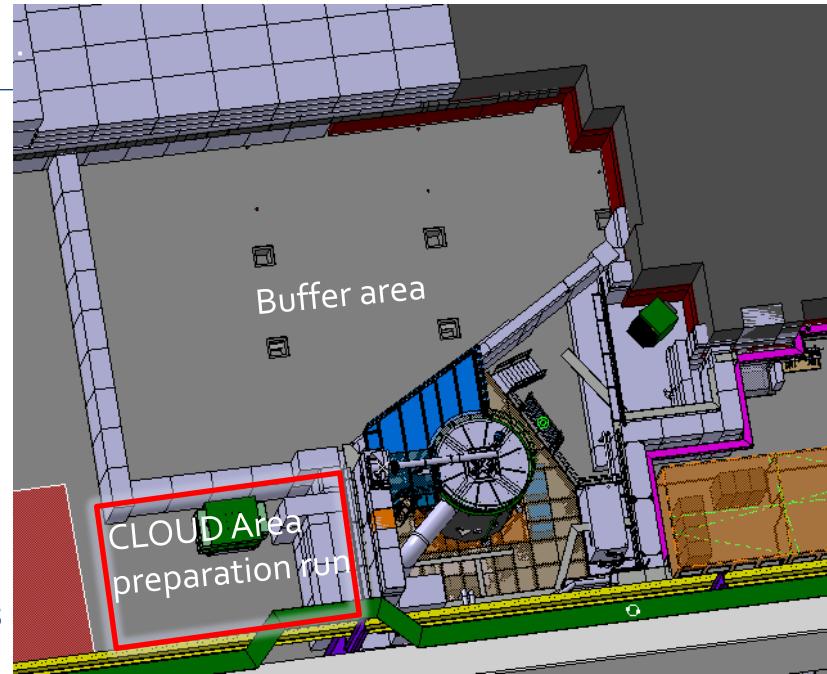
# East Area Coordination meeting #12 Activities, b.157 & b.352

Aboubakr Ebn Rahmoun / EN-EA, 05-06-2019



# Activities

- B.157
  - Dismantling roof (primary area),
    - Ongoing, roof opening
    - Storage blocks and magnets @157
    - ground load validation on pending from HSE
      - Q100 on CLOUD will be removed during primary area dismantling
  - Survey between To8B and T09-T10 experiments area
    - Roof opening EN-HE-> VALIDATION CRANE PR-39
  - MCB dismantling from To8
  - Buffer area ready
  - EN-CV, dismantling on going, manifolds and water pipes
  - Civil engineering
    - The south wall, dismantling of scaffolding done.
    - The roof refurbishment on going.
- B.352, PS –F61
  - Magnets dismantling
    - Last magnets are removed and stored in 157, waiting for transport
      - M100 & M200 done
  - Transport activities, EN-HE
    - Open trench for removing the hoses removal, TE-MSC/EN-EL
  - EN-CV dismantling on going, manifolds and water pipes & 817
  - Next steep, EN-EL?

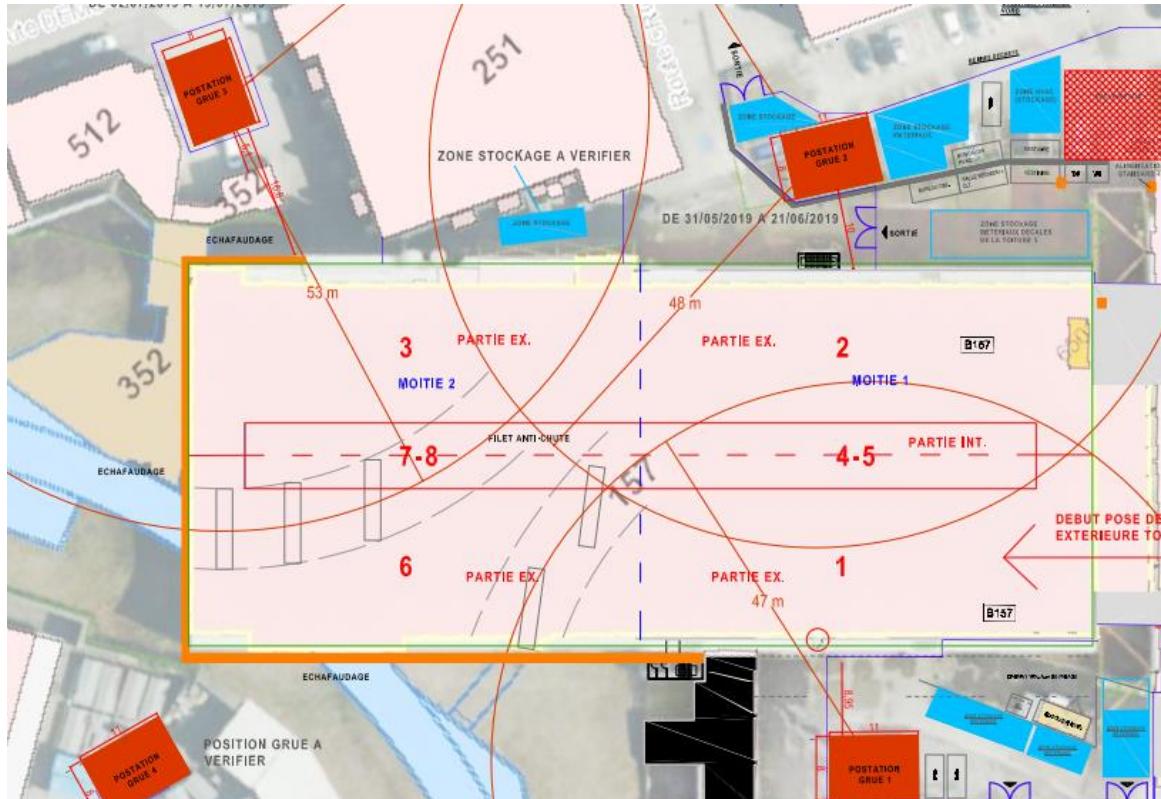


\*CLOUD run

From 02/09 to 15/11/2019

# SMB Roof renovation

- Roof renovation



- Coordination meeting between SMB, CV, HE & EA
- Crane, “platelage” removing, access etc.

# B.352, PS area

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## Démantèlement F61

- Déconnexions câbles DC & flexibles ED, TE-MSC,
- Déconnexions du vide et enlèvement pompe à vide, TE-VSC/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 VICTE-MSC, EN-STI => EN-ACE
  - Q74 done TE-VSC, MNPA 25, Q120, MEA (DVT<sub>1</sub>), MEA (DVT<sub>2</sub>), QFL, Q600, SMHo1(SPLITER)
  - Beam-stopper o1 et o2, 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 done, manifolds and water pipes, 817+352
- EN-SMM laser scan + measure on PS magnet

Inventaire partie 352

# Planning 352

Will start

Started

390	40%	B.352 (PS)		Fri 01/02/19	Wed 21/10/20			
391	84%	Dismantling activities in b.352		Fri 01/02/19	Mon 23/09/19			
396	100%	Beam Instrumentation dismantling in b.352	BE-BI, EN-HE	Mon 11/03/19	Fri 15/03/19	Dismantling in b.352		
397	100%	Relocation of shieldings for magnet removal	EN-HE	Mon 18/03/19	Fri 26/04/19		Relocation of shieldings for magnet removal	
398	100%	Magnet dismantling	TE-MSC, EN-HE	Mon 01/04/19	Wed 22/05/19			
399	100%	Magnet dismantling in b.352	TE-MSC, EN-HE	Mon 01/04/19	Fri 26/04/19		Magnet dismantling in b.352	
400	100%	M100/M200 dismantling	TE-MSC, EN-HE	Thu 16/05/19	Wed 22/05/19			5 days M100/M200 dismantling
401	100%	Beam stoppers dismantling in b.352	EN-STI, EN-HE	Mon 01/04/19	Fri 05/04/19		Beam stoppers dismantling in b.352	
402	95%	Mechanical supports dismantling in b.352	EN-EA, EN-HE	Mon 01/04/19	Fri 26/04/19			Mechanical supports dismantling in b.352
403	0%	Laser scan in b.352	EN-SMM	Tue 04/06/19	Tue 04/06/19			1 day Laser scan in b.352
404	95%	Removal works in B352 and technical galleries (controlled areas) below B157/EN-CV		Mon 06/05/19	Fri 24/05/19			3 wks Removal works in B352 and technical galleries
405	0%	Opening of the trench (For hoses removal)	EN-HE	Wed 31/07/19	Thu 01/08/19			
406	0%	Hoses removal	TE-MSC	Thu 01/08/19	Wed 07/08/19			
407	72%	Phase 3A - Remaining De-cabling at 157/263/352	EN-EL	Fri 01/02/19	Fri 20/09/19			
409	0%	3A.2 Bldg 352: XXX DC Cables (30m/cable & 5KM per week): 352 -> Gallery TB (251 related)	EN-EL	Thu 01/08/19	Wed 07/08/19			
410	0%	3A.3 Bldg 352: De-cabling Signal Interlock: at 352 (only up to gallery/trap)	EN-EL	Thu 01/08/19	Wed 07/08/19			
413	0%	Installation activities in b.352			Fri 28/06/19	Fri 01/05/20		Installation act
414	0%	Re-arrange shielding (OPENNING BETWEEN B.352/B.157 + DUMP)	EN-EA	Fri 28/06/19	Thu 25/07/19			
516	2%	Galleries works		Thu 06/12/18	Thu 16/01/20			
517	4%	Dismantling		Thu 06/12/18	Fri 05/07/19			
519	0%	Removal works in technical galleries below B156, B157, B251 and in-between	EN-CV	Mon 13/05/19	Fri 17/05/19			1 wk Removal works in technical galleries below B156, B157, B251
520	0%	Removal works - Options WL0.B1, WL0.B2, WL0.C, WL0.D - Technical gallery b/w B355/B156	EN-CV	Mon 17/06/19	Fri 05/07/19			3 wks

# Primary area preparation

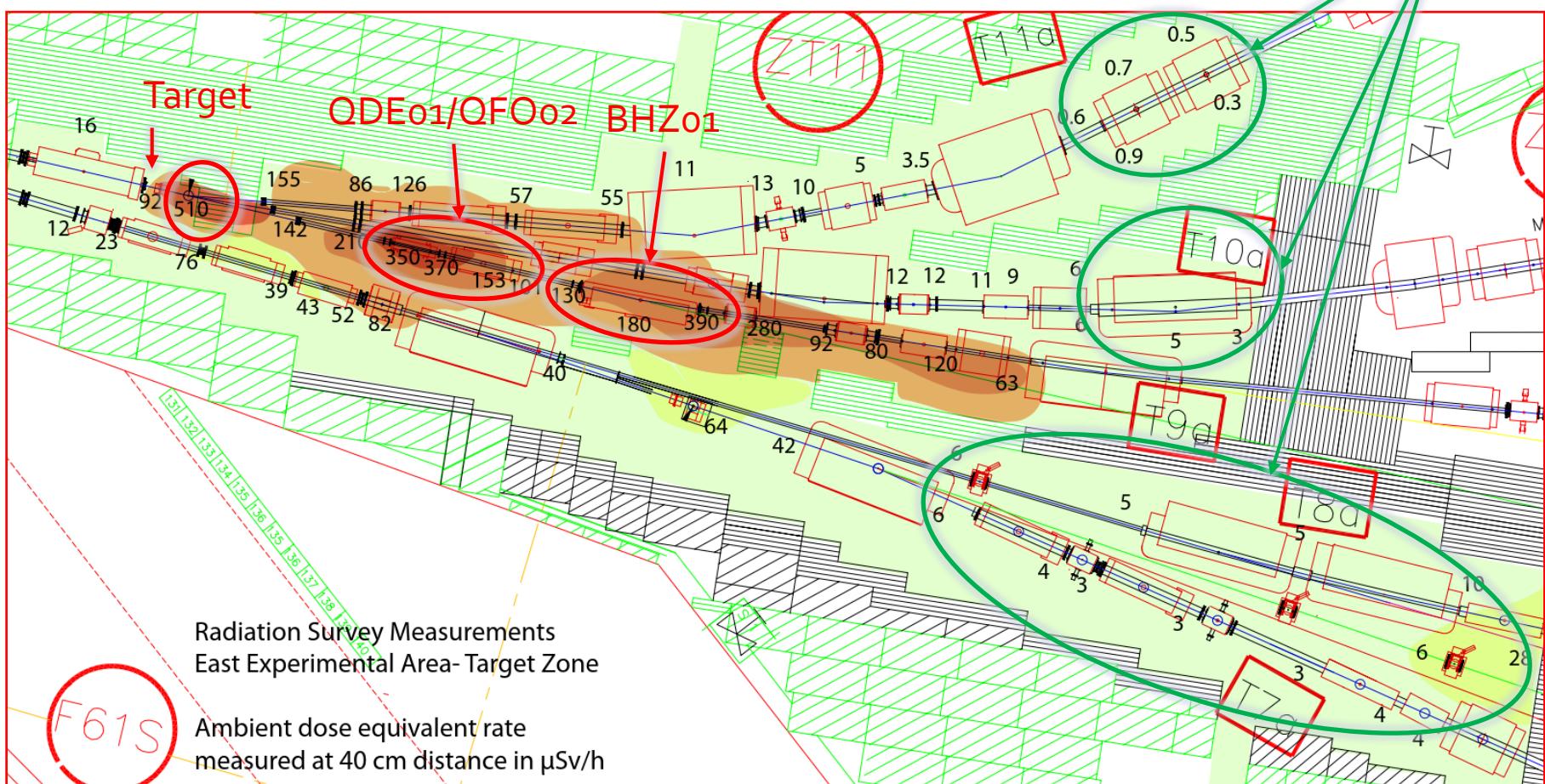


# Planning 157

%	Will start	Started	Groups	Start	Finish	Timeline														
						May '19	Jun '19	Jul '19	Aug											
						06	13	20	27	03	10	17	24	01	08	15	22	29	05	12
9%	East Area LS2 Planning			Mon 30/05/16	Fri 24/09/21															
27%	Important dates			Mon 30/05/16	Mon 02/08/21															
0%	LV Works in b.352 (No HH possible)	EN-ACE		Tue 18/06/19	Tue 25/06/19															
28%	B.157			Mon 30/05/16	Tue 30/03/21															
52%	Roof			Tue 27/02/18	Mon 30/09/19															
0%	Install the destratification fans	EN-CV		Wed 17/07/19	Tue 13/08/19													4 wks		Ir
55%	Outside			Mon 29/01/18	Fri 06/03/20															
0%	General acceptance	SMB-SE		Mon 22/04/19	Fri 26/04/19															
0%	Dismantling in B355 demewater station	EN-CV		Thu 13/06/19	Wed 24/07/19													30 days		Dismantling in B355 de
0%	Civil works for new transformers installation in b. 157	EN-EL		Mon 01/07/19	Fri 12/07/19													2 wks		Civil works for new transforme
20%	Fast Access			Tue 13/11/18	Tue 02/03/21															
73%	Dismantling activities in the fast access area			Tue 13/11/18	Thu 06/02/20															
95%	Magnets removal in the fast access area	TE-MSC		Mon 01/04/19	Fri 05/04/19															
100%	Concrete floor dismantling	EN-EA		Mon 08/04/19	Fri 12/04/19															
100%	Cleaning Secondary Area	EN-EA		Mon 01/04/19	Fri 05/04/19															
100%	Manifold dismantling	EN-CV		Mon 08/04/19	Fri 26/04/19															
100%	Laser scan in secondary areas	EN-SMM		Mon 22/04/19	Mon 22/04/19															
40%	Removal works in Building 157 + Option WL0J	EN-CV		Mon 20/05/19	Fri 31/05/19													2 wks		Removal works in Building 157 + Option WL0J
0%	Survey measurement between T8B/T9/T10	EN-SMM		Mon 27/05/19	Tue 28/05/19													2 days		Survey measurement between T8B/T9/T10
0%	Removal works in CHARM/IRRAD bunkers	EN-CV		Fri 02/08/19	Tue 06/08/19													0.5 wks		Removal works in CHARM/IRRAD
15%	Primary Area				Thu 06/12/18	Tue 02/03/21														
41%	Dismantling activities in the primary area				Thu 06/12/18	Fri 06/12/19														
100%	Dismantle fire detection	BE-ICS		Fri 17/05/19	Fri 17/05/19													1 day		Dismantle fire detection
80%	Opening of the roof (Cast iron layer)	EN-EA, EN-HE		Mon 20/05/19	Fri 07/06/19													3 wks		Opening of the roof (Cast iron layer)
0%	Beamline Dismantling	EN-EA		Thu 06/06/19	Thu 27/06/19													Beamlne Dismantling		
0%	Deconnection services aimants T11	TE-MSC		Thu 06/06/19	Fri 07/06/19													2 days		Deconnection services aimants T11
0%	Target removal in primary area + very radioactive blocks	EN-STI, EN-HE		Mon 10/06/19	Mon 10/06/19													0.5 days		Target removal in primary area + very radioactive blocks
0%	Vacuum disconnection and dismantling in secondary areas	EN-EA, EN-HE		Wed 12/06/19	Wed 12/06/19													1 day		Vacuum disconnection and dismantling in secondary areas
0%	Cleaning T11 (Phase 1 nettoyage)	EN-EA		Fri 14/06/19	Fri 14/06/19													1 day		Cleaning T11 (Phase 1 nettoyage)
0%	T11 Magnets dismantling in primary area	TE-MSC, EN-HE		Mon 17/06/19	Wed 19/06/19													3 days		T11 Magnets dismantling in primary area
0%	Beam Instrumentation dismantling in primary area	BE-BI, EN-HE		Thu 20/06/19	Thu 20/06/19													1 day		Beam Instrumentation dismantling in primary area
0%	Cleaning T8/9/10 + TCX (Phase 2 nettoyage)	EN-EA		Mon 24/06/19	Mon 24/06/19													1 day		Cleaning T8/9/10 + TCX (Phase 2 nettoyage)
0%	Magnet (T9.ODE01/QFO02/BHZ01) dismantling in primary area	TE-MSC, EN-HE		Tue 25/06/19	Tue 25/06/19													1 day		Magnet (T9.ODE01/QFO02/BHZ01) dismantling in primary area
0%	Stopper dumps dismantling in primary area	EN-STI, EN-HE		Wed 26/06/19	Wed 26/06/19													1 day		Stopper dumps dismantling in primary area
0%	Mechanical supports dismantling (Partial) in primary area	EN-EA, EN-HE		Thu 27/06/19	Thu 27/06/19													1 day		Mechanical supports dismantling (Partial) in primary area
0%	Opening between prim. Area/sec area + walls dismantling	EN-EA, EN-HE		Fri 28/06/19	Thu 25/07/19													4 wks		Opening between prim. Area/sec area + walls dismantling
0%	Removal of all the magnet non-needed by the survey	TE-MSC, EN-HE		Fri 26/07/19	Thu 01/08/19													1 wk		Removal of all the magnet non-needed by the survey
0%	Network preparation in the primary area	EN-SMM		Fri 02/08/19	Thu 15/08/19													2 wks		
0%	Laser scan in primary area after shielding re-organization	EN-SMM		Fri 02/08/19	Fri 02/08/19													1 day		Laser scan in primary area after shielding re-organization
0%	Complete the dismantling of the magnets of primary area	TE-MSC, EN-HE		Fri 16/08/19	Thu 22/08/19													1 wk		
0%	Complete the dismantling of mechanical supports in primary area	EN-EA, EN-HE		Fri 23/08/19	Tue 27/08/19													1 wk		
0%	Dismantle the primary area accès system (Inside elements + PAD/MAD)	BE-ICS		Fri 23/08/19	Thu 29/08/19													1 wk		

# Survey radioprotection

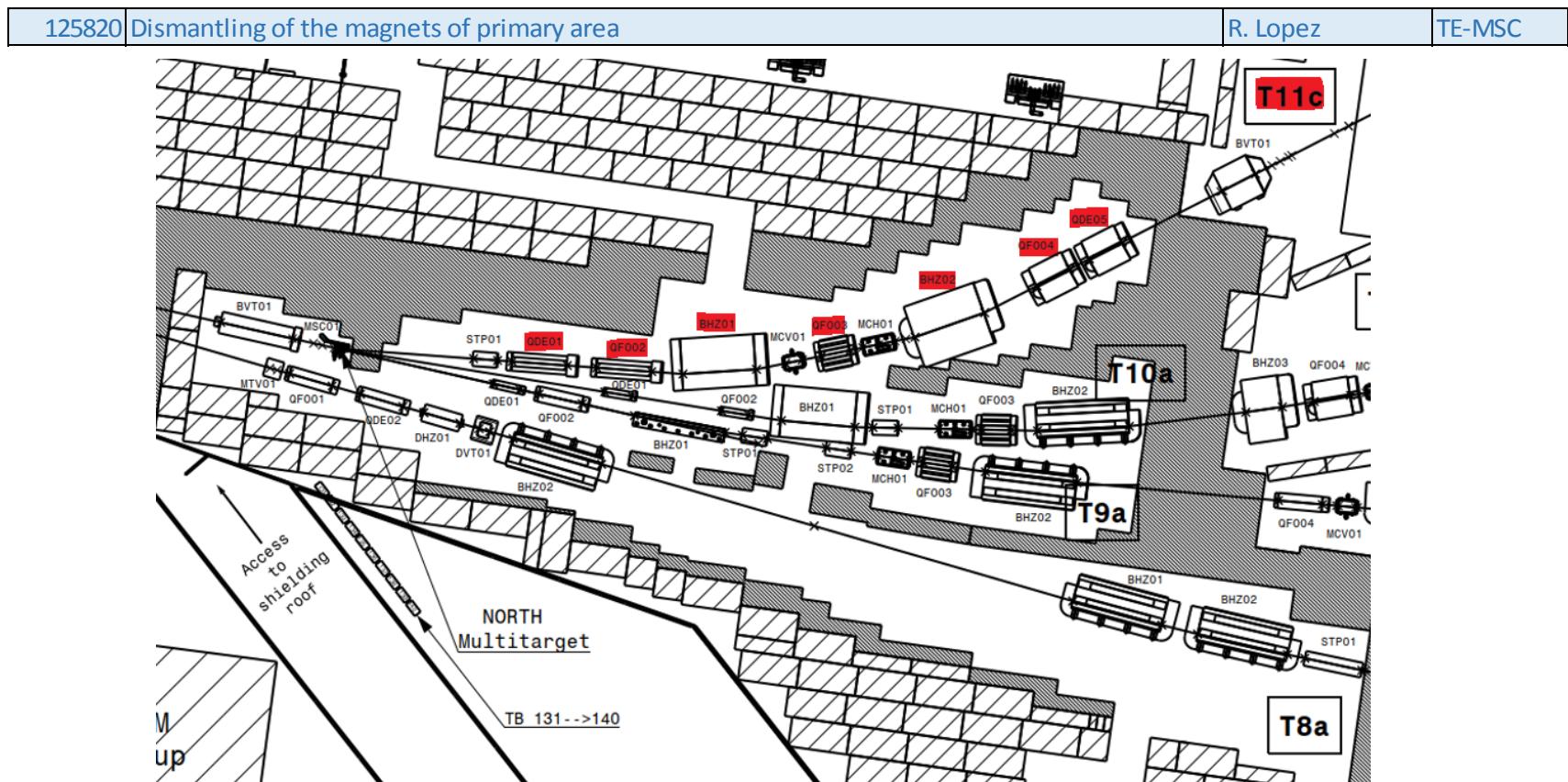
Refuge ALARA



# Services disconnection, magnets T11

Responsible for this activity: TE-MSC

Intervention date: 06/06-07/06



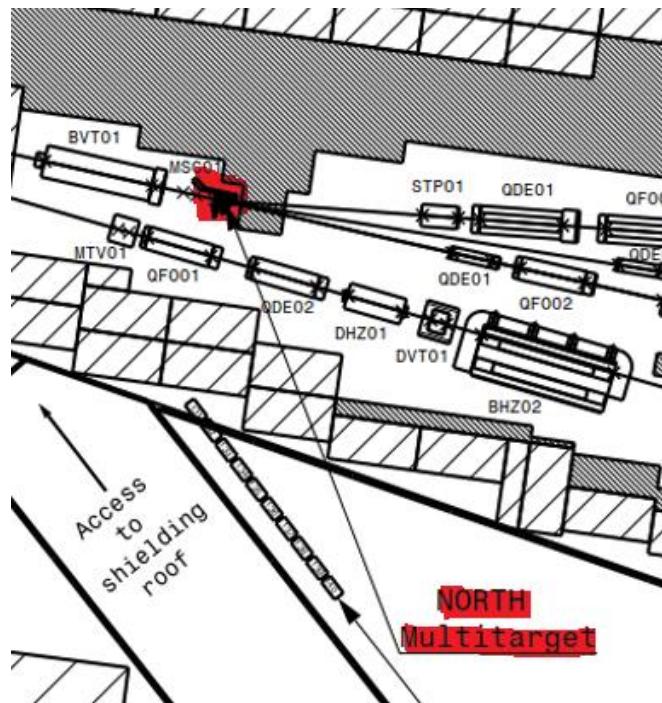
# Target removal

Responsible for this activity: EN-STI (EN-SMM control)

Intervention date: 10/06

- Shielding box and transport to buffer area

125816	Target removal + Stopper dump in primary area	E. Grenier-Boley	EN-STI
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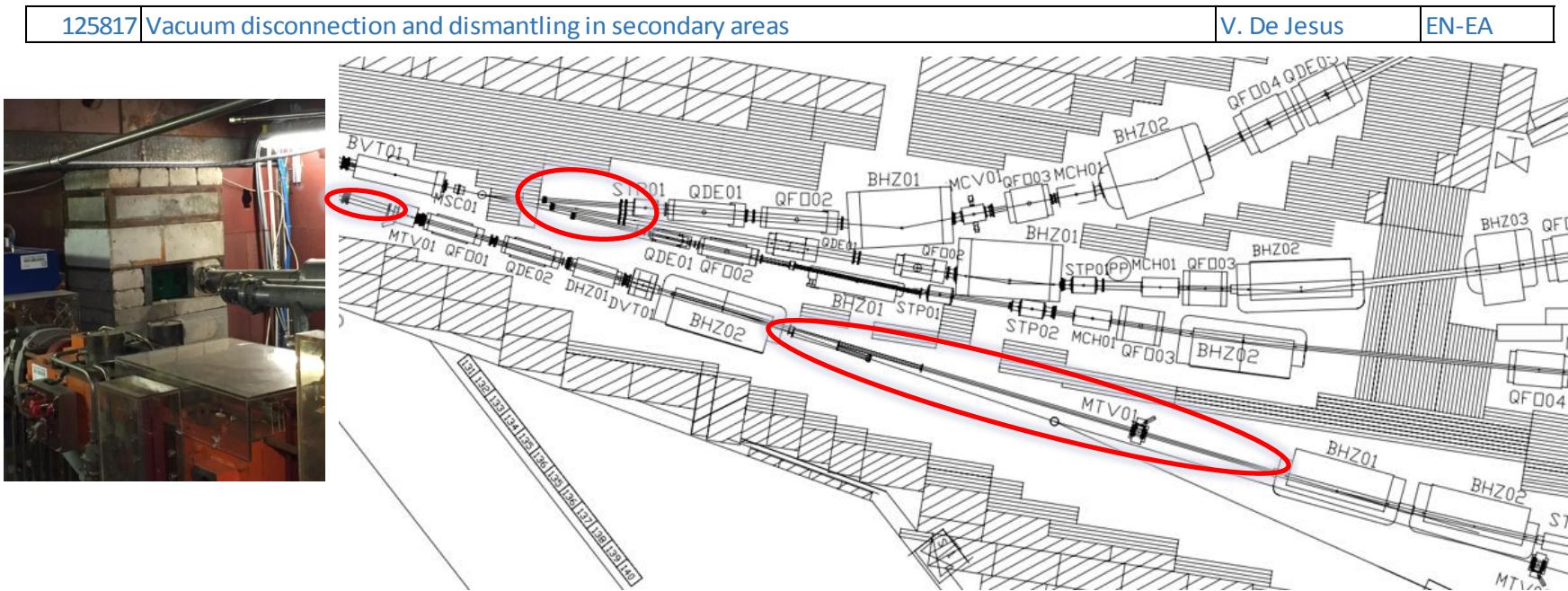


# Vacuum disconnection

Responsible for the vacuum activity: EN-EA

Intervention date: 12/06

IMPACT for the vacuum tubes



IMPACT for the disconnection between magnets

125820	Dismantling of the magnets of primary area	R. Lopez	TE-MSC
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# Cleaning & T11 magnets dismantling

Responsible for the cleaning phase 1 activity: EN-EA

Intervention date: 14/06

125828	Cleaning Primary Area	A. Ebn Rahmoun	EN-EA
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Responsible for the magnets dismantling: TE-MSC/EN-HE

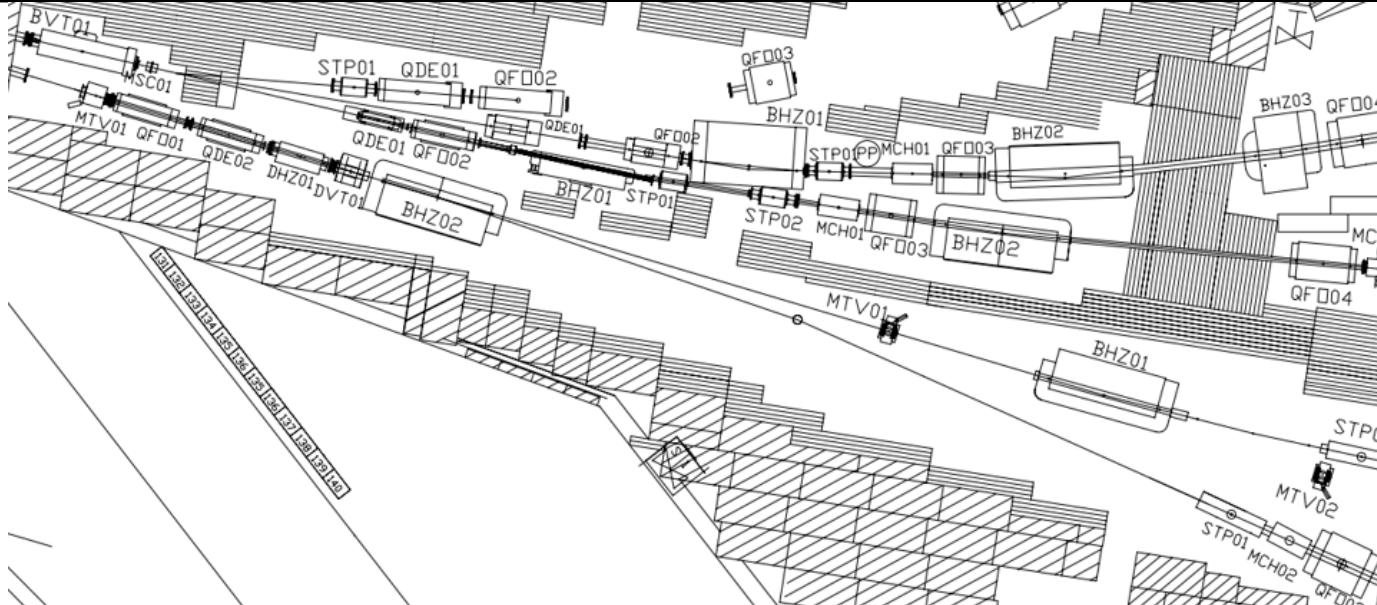
Intervention date: 17/06-19/06

125820	Dismantling of the magnets of primary area	R. Lopez	TE-MSC
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Responsible for the collimators dismantling: EN-EA

Intervention date: 17/06-19/06

125824	Collimators dismantling in primary area	A. Ebn Rahmoun	EN-EA
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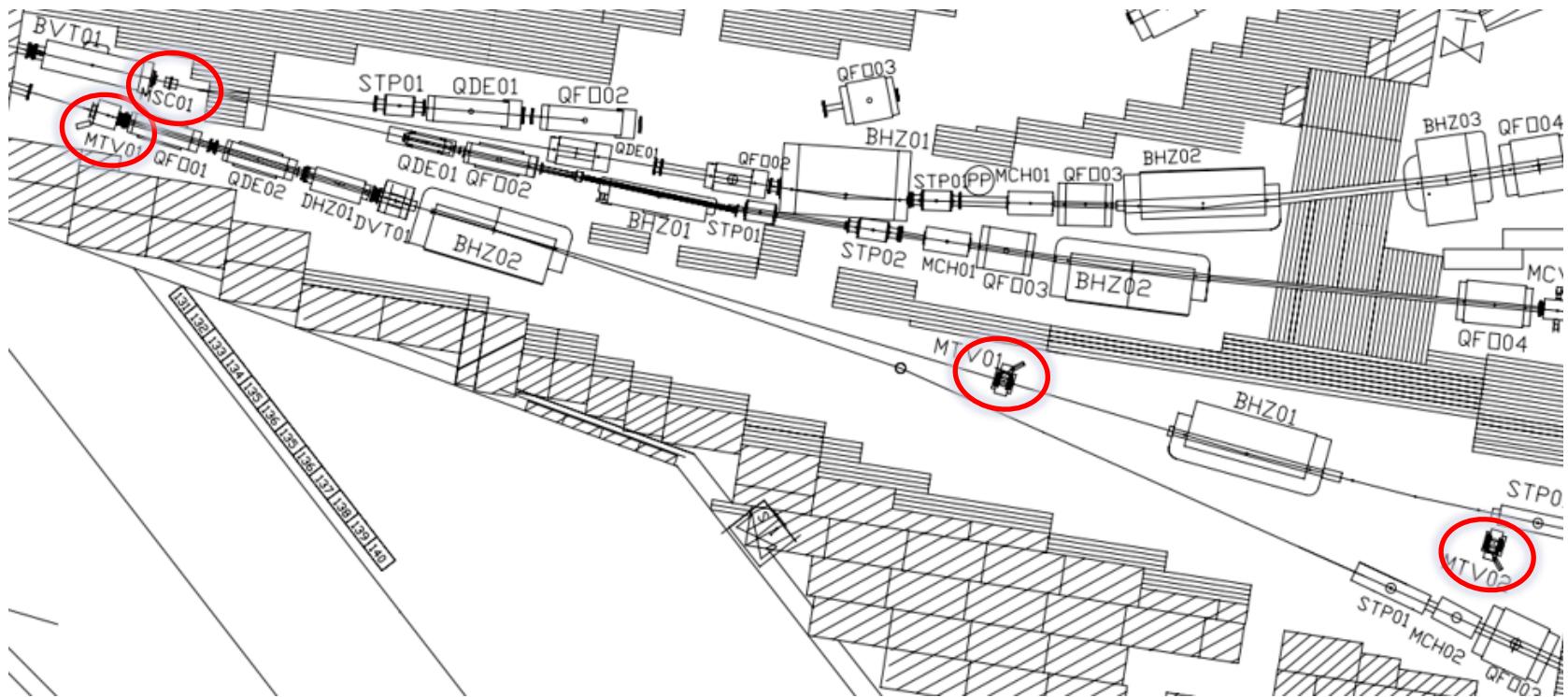


# Beam Instrumentation dismantling

Responsible for this activity: BE-BI

Intervention date: 20/06

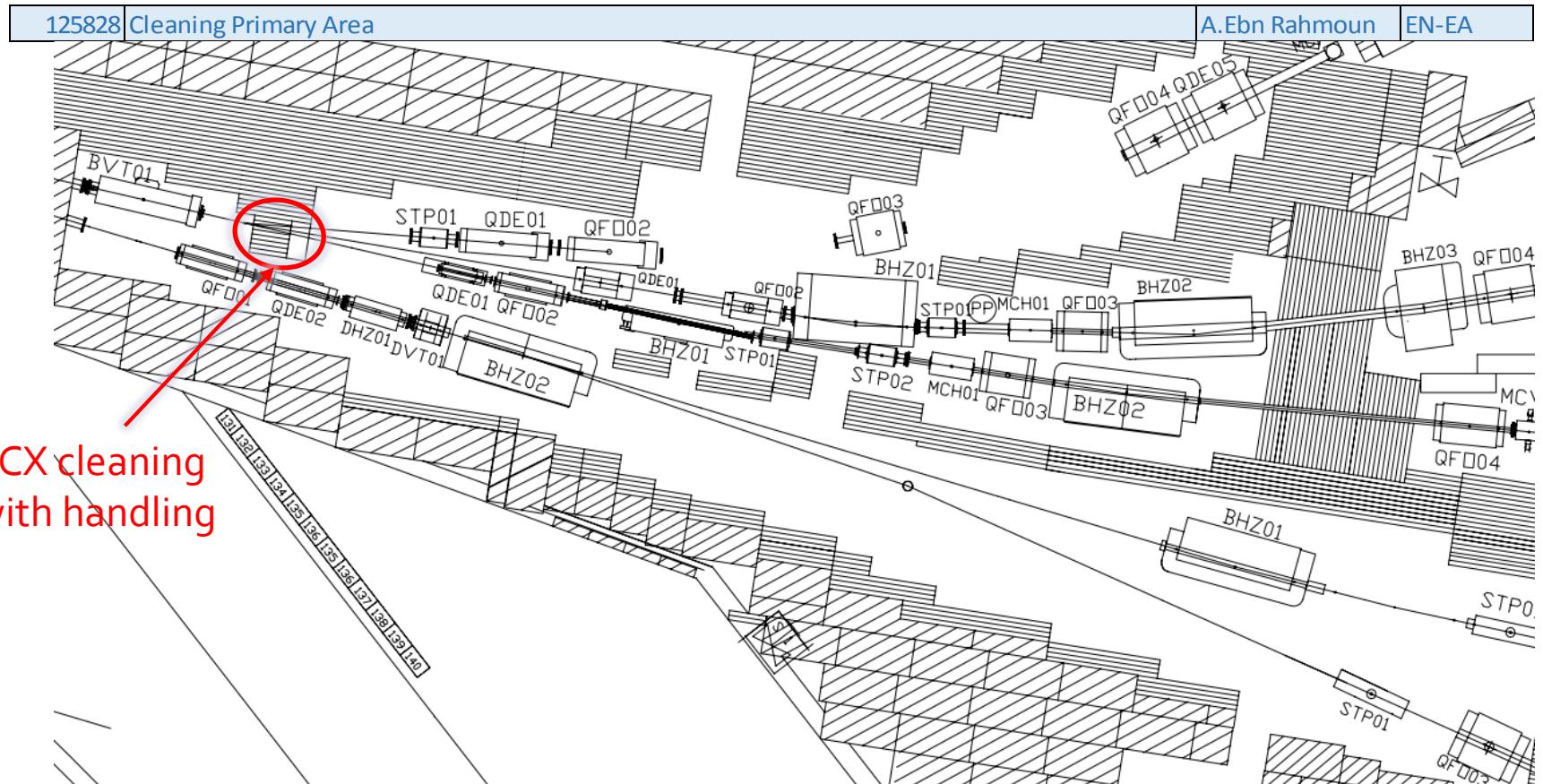
125821	Beam Instrumentation dismantling in primary area	J.Tan	BE-BI
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# Cleaning To8-Tog&T10 + TCX

Responsible for the cleaning phase 2 activity: EN-EA

Intervention date: (24/06)



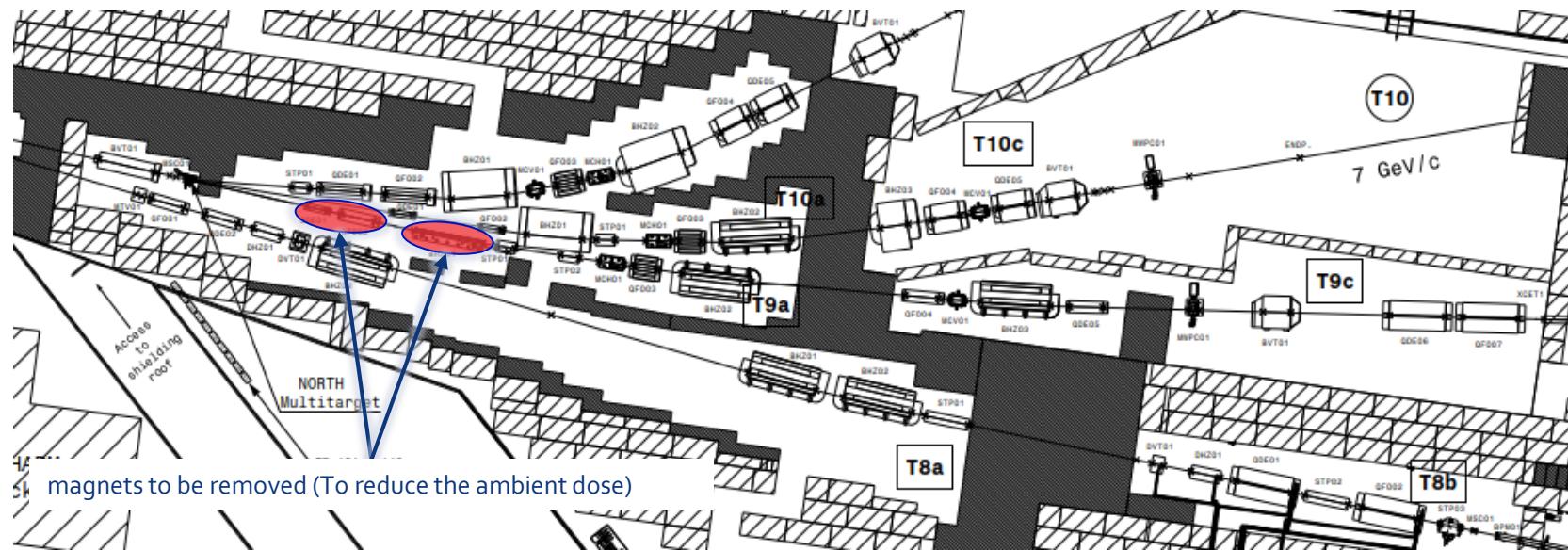
# Magnet Tog dismantling

## QDEo1/QFOo2/BHZo1

Responsible for this activity: TE-MSC

Intervention date: 25/06

125820	Dismantling of the magnets of primary area	R. Lopez	TE-MSC
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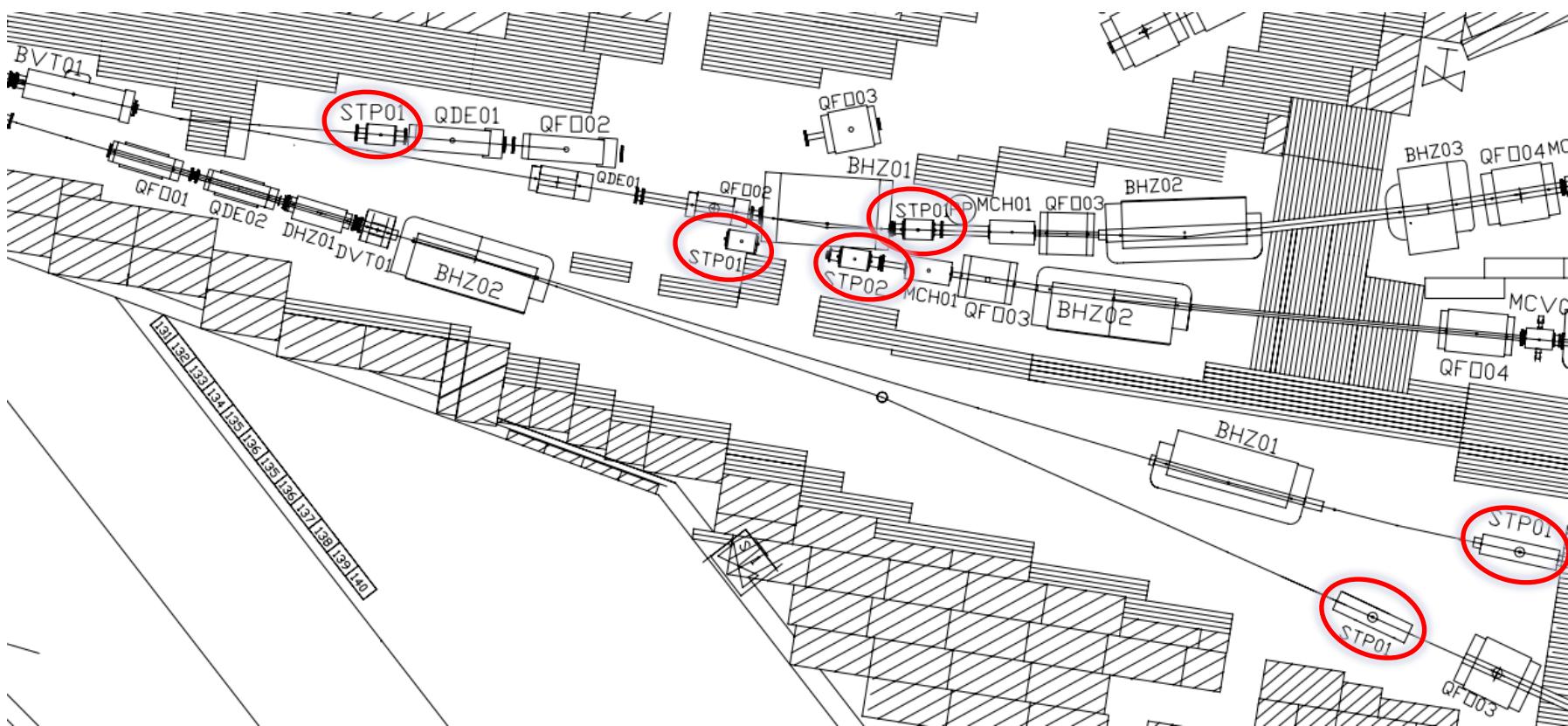


# Stopper dumps dismantling

Responsible for this activity: EN-STI (EN-SMM control)

Intervention date: 26/06

125816	Target removal + Stopper dump in primary area	E. Grenier-Boley	EN-STI
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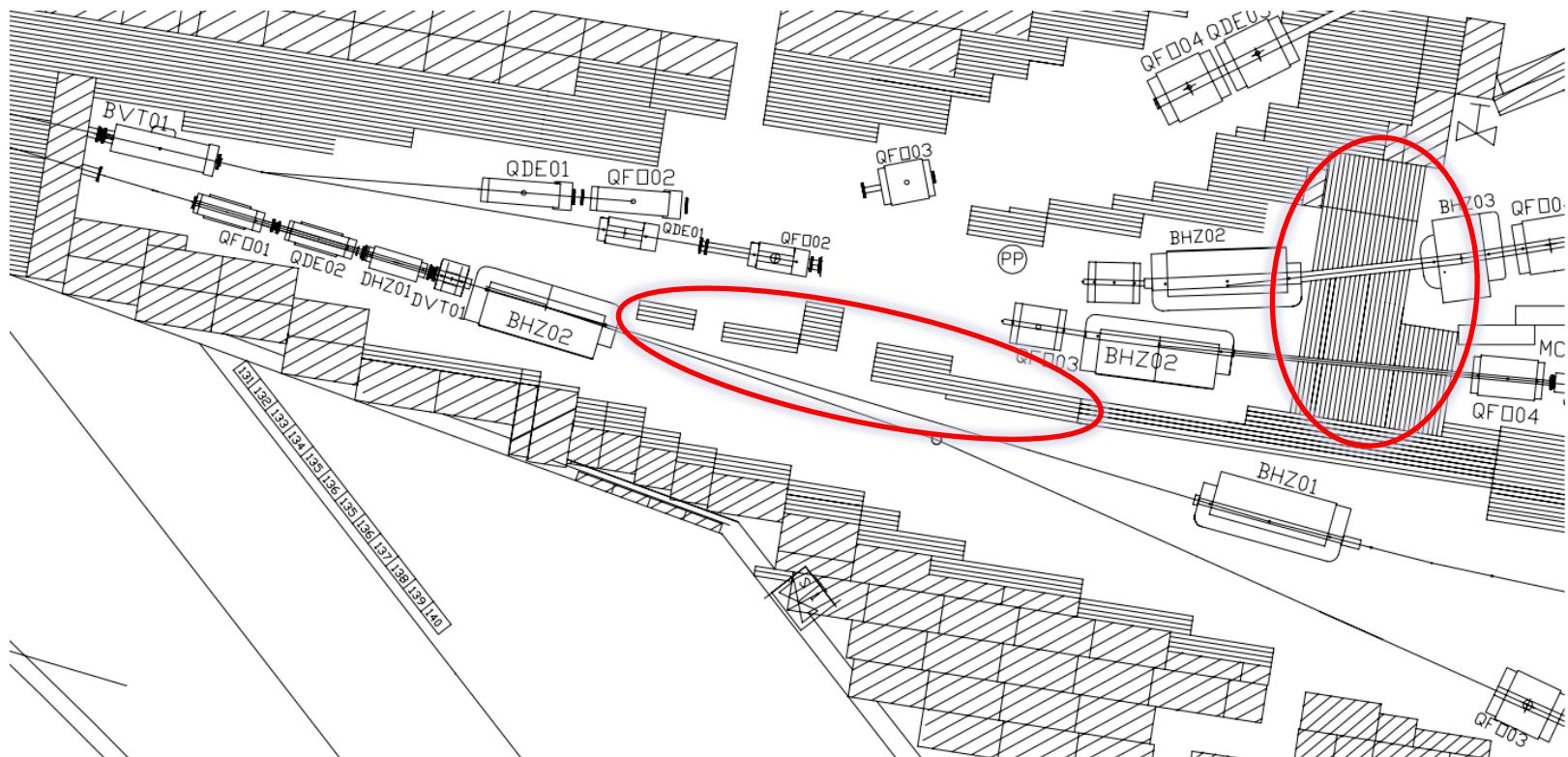


# Opening walls

Responsible for opening and dismantling walls activity: EN-HE

Intervention date: 27/06-25/07

125814 | Opening of the roof (Cast iron layer) + Shielding Removal + Re-Arrange Old DUMP J. Fermanel



# Removal of magnets no-needed for survey

Responsible for this activity: TE-MSC

Intervention date: 26/07-01/08

125820	Dismantling of the magnets of primary area	R. Lopez	TE-MSC
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# Consignation & authorisation

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- DC cables -> EN-EL
- Beam-Stoppers & collimators -> EN-SMM (control)
- Signals & high voltage cables -> BE-BI
- AC cables vacuum pump -> EN-EA



# 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	
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	
Découpe 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	4875	07/05/2019	130730	05/04/2019	
Démontage manifold zone T9/T10	157/T9-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	157-R-008	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	
Maintenance of Huber cooling plants in T11 bld 157	157/CLOUD	ROBERT K. (EP/DT)	EDMS:2102533	31/01/2019	132631	09/05/2019	
CLOUD airflow measurements	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	132548	08/09/2019	
Remplacement de la radio PR-280 AU BATIMENT 157	157	Philippe C. (EN-HE)			133037	14/05/2019	
Desactivation detection incendie et système d'évacuation	157	Aboubakr E. (EN-EA)			133277	17/05/2019	IS37/3961-3963-3964
Visite fin T8 pour mesure liaison T8-T9	157/To8B	Philippe D. (EN-SMM)			133204	16/05/2019	
Pipe pollution reconstruction + Massflow controller installation	154/CLOUD	Louis-P. D.M. (EP/DT)			133398	21/05/2019	
Mesures des aimants sur To8b - liaison T8, T9	157/To8b	Laure W. (EN-SMM)	4887	28/05/2018	133524	22/05/2019	
Nettoyage 157/R-001 et Zone T9 et T10	157/R-001/T9/T10	Paulo A.F.D.C (SMB-SIS)			133974	28/05/2019	
Coordination et suivi renovation 157	157	Aboubakr E. (EN-EA)			134292	03/06/2019	
CLOUD - input chamber valve replacement	154/CLOUD	Louis-P. D.M. (EP/DT)			134250	03/06/2019	
CLOUD airflow measurements	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	134445	04/06/2019	
Professional visit of a team (14 persons) from DESY on CERN premises on June 11-13, 2019 - East Hall B.157	157/Estrade SUD	SEBASTIEN EVRARD			134435	04/06/2019	

# ACCES AUTORISE POUR LE CHANTIER DE RETRAIT DES AIMANTS

## « AUTRES ACCES INTERDIT »



Période: Du 03/02/2019 au 15/02/2019

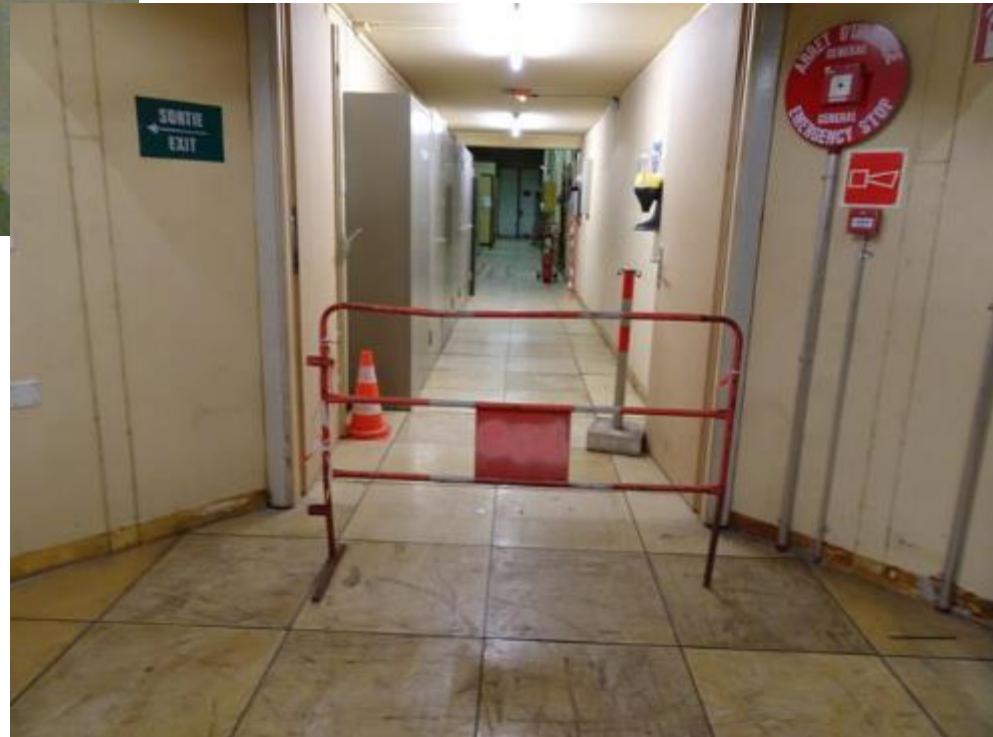
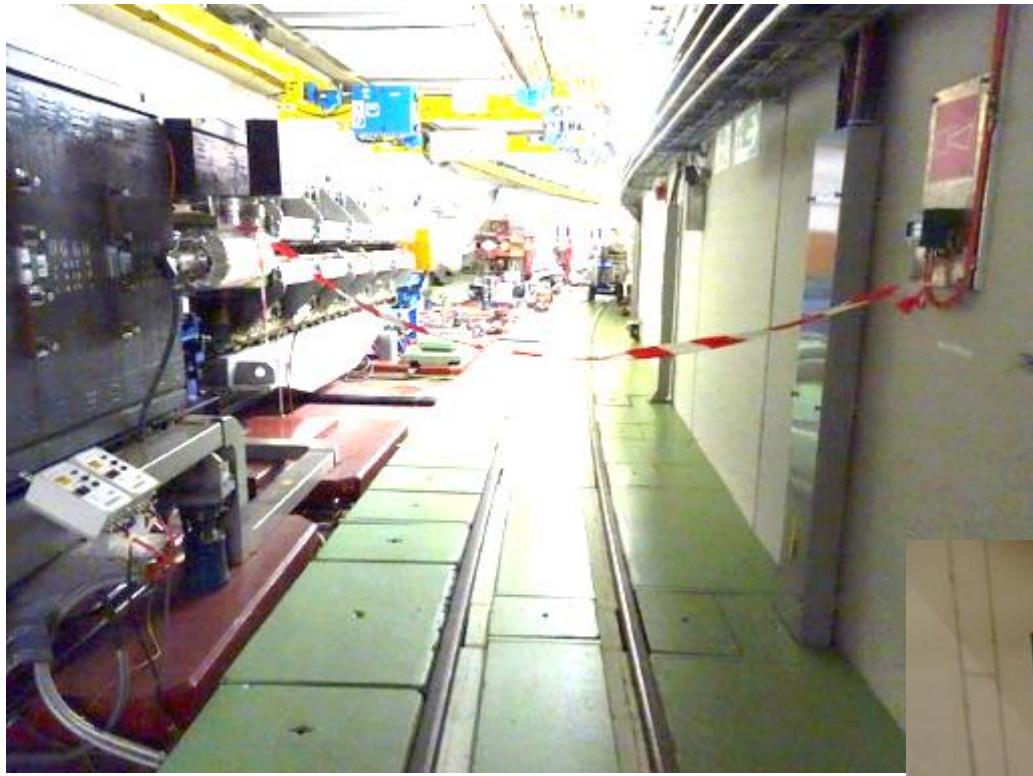
**PLANCHER OUVERT – RISQUE DE CHUTE**



Responsable travaux entreprise: DUPONT Patrick 161111  
Responsable travaux CERN (WSS): DURAND Brigitte 162222  
EN-ACE: Facility Coordinator 163333

1. Le chantier autorisé
2. La consigne sécurité « Accès interdit »
3. La période pendant laquelle la consigne est valable
4. Le risque présent (Texte et Symbole)
5. Les personnes de contact





# Questions?



EAST AREA RENOVATION

