





East Hall under construction - 1962

East Area Coordination meeting #16 Activities, b.157 & b.352

Aboubakr Ebn Rahmoun / EN-EA, 13-11-2019







General information b.157

- HSE, EP, BE & EA, by help of Evelyne D. & Louis-Frederic A.
 - Hall, emergency evacuation plan & extinguisher point $\sqrt{}$
 - · Primary area, emergency evacuation plan going update,
- Merci de noter que, à dater du 14 octobre 2019, vos interlocuteurs HSE pour l'amiante, et notamment pour les demandes de diagnostics avant travaux/démolition, sont, par ordre de priorité :
 - Mathieu Lemetayer 165062-> Diagnostique amiante
 - Olivier Prouteau 160883
 - Yannick Beraud 166346-> Diagnostique plomb
- Access system reinstallation on the South and North Wall
- CLOUD dismantling preparation, meeting Thursday 14th nov.
- Scaffolding removed on PR-39
- Cable problem(25t) on the crane PR-67, maintenance, test done
- Water leak above IRRAD&CHARM barracks
 - New CV installation done,
 - Cleaning, Electrical and roof renovation on pending? CERN insurance waiting!
- New planning Officer, <u>Bastien RAE</u>





Safety Talk EN DSO & EROS

PPE – What do I need to know

SAFETY RULE: Give always priority to collective protective over Personal Protective Equipment

BY LAW: Employers have a legal obligation to provide employees with all necessary PPEs

Employees have a legal obligation to wear them (CERN / Contractor / Institute)

LESSONS LEARNT: Individual Protection does not replace good preparation and safety training

WARNING: Any breach of the safety rules, including PPE, will result in the loss of access rights



Required PPE and safety devices	Helmet + Lamp	Safety shoes	Personal Dosimeter CERN + Employer	Operational Dosimeter	Self-rescue mask	ODH Detector
LHC Tunnel	Mandatory	Mandatory	Mandatory	In LSS1/3/5/7 + UD62/68	Mandatory	Mandatory ARCs + He
LHC Experimental caverns	Mandatory	Mandatory	Mandatory	Check RP classification in IMPACT	Upon request LEXGLIMOS (IMPACT)	Upon request LEXGLIMOS (IMPACT)
SPS Machine + TI2 + TI8	Mandatory	Mandatory	Mandatory	Mandatory Except Tl2/8	Mandatory	-
Linacs, PSB, PS LEIR + TT2 +TT70	Mandatory	Mandatory	Mandatory	Mandatory Except LEIR,TT70	-	-
North + East Experimental Areas AD, ISOLDE	Mandatory	Mandatory	Mandatory	Check RP classification in IMPACT	-	
Technical Buildings and Galleries	Check on safety warnings	Check on safety warnings	Check on safety warnings	Check RP classification in IMPACT	Check on safety warnings	Check on safety warnings

East hall renovation

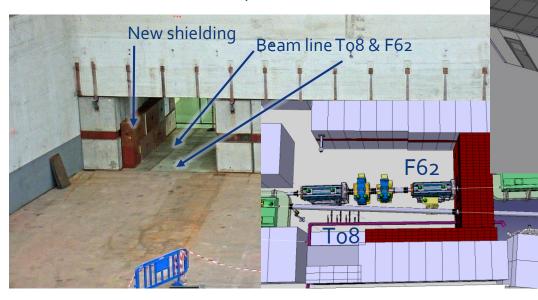
- B.157
 - Dismantling (primary area)
 - The primary area is declassified on supervised area
 - The shielding dismantling, on going
 - De-cabling EL and services, done
 - Floor load validation from HSE, tests of the ground structures
 - NEEDED rapidly for the shielding installation
 - EN-CV installation
 - Removing water & air pipes, galleries, North and South walls
 - Need to adjust temperature of the hall.
 - Civil engineering
 - Sky-dome installation done
 - Need to stop PR-67 during 2-3 days for scaffolding removing and access to the roof
 - The CLOUD run on going, many people
 - EN-EL, quotation de-cabling DC cables between 156-157
 - EN-SMM, check Alti. Of IRRAD&CHARM, done
 - Laser scan in primary area, EN-SMM, planned 15th Nov.
 - IT and Swisscom,
 - Moving GSM from South shielding to South wall

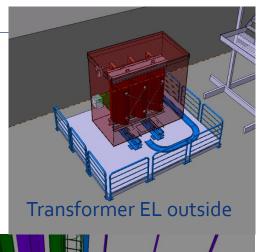




East hall renovation

- B.157 Installation new configuration
 - Dismantling old shielding between 352-157
 - Removed blue metallic structure on going, (lead on the paint)
 - Installation of new shielding, done
 - Ground marking, done
 - EN-SMM, installation shielding in primary area on preparation for marking
 - Close between PS&157 before march 2020? Wall or fence?
 - EN-EL, transformer & start point installation North Wall
 - Need to remove one layer of iron blocks





Start point EL





Planning b.157



Started

Com ▼	Com ▼ Task Name ▼ (ĭ Finish ▼	F M A M J J A S O N D J F M A M J J A S O N D J F M A
36%	△ B.157		Mon 29/01/18	Wed 31/03/21	
61%	△ Outside		Mon 29/01/18	Fri 02/10/20	<u>2000-2000 2000-</u>
0%	Installation works inside B355 demiwater station	EN-CV	Mon 02/09/19	Fri 22/11/19	3 mons Installation works inside B355 demiwater station
0%	Commissioning of B355 demiwater station	EN-CV	Mon 25/11/19	Fri 20/12/19	20 days Commissioning of B355 demiwater station
0%	Civil works for new transformers installation in b. 157	EN-EL	Mon 21/10/19	Fri 15/11/19	4 wks Civil works for new transformers installation in b. 157
0%	Transformer installation outside b.157	EN-EL	Mon 25/11/19	Fri 29/11/19	1 wk 🛘 Transformer installation outside b.157
18%	△ Fast Access		Tue 13/11/18	Wed 03/03/21	
98%	△ Dismantling activities in the fast access area		Tue 13/11/18	Fri 15/11/19	annicananananananananananananananananana
0%	Swisscom box dismantling	IT-CS	Wed 13/11/19	Fri 15/11/19	3 days Swisscom box dismantling
0%	△ Installation activities in the fast access area	EN-EL	Fri 15/11/19	Wed 03/03/21	Installation activities in the fast access area
0%	■ EN-CV Demin water circuit installation on the south side	EN-CV	Fri 15/11/19	Thu 12/12/19	N-CV Demin water circuit installation on the south side
0%	Movement to final location (CERN Activity) - Skid Installation	EN-CV	Mon 25/11/19	Fri 29/11/19	1 wk 📱 Movement to final location (CERN Activity) - Skid Installation
0%	Option WL3.D - Demin. Water circuit installation b.156 side	EN-CV	Fri 15/11/19	Thu 21/11/19	1 wk 📕 Option WL3.D - Demin. Water circuit installation b.156 side
0%	Option WL3.J - Demin. Water circuit installation IRRAD CHAM side	EN-CV	Fri 22/11/19	Thu 05/12/19	2 w/s 📕 Option WL3.J - Demin, Water circuit installation IRRAD CHAM side
0%	Demin. Water circuit installation External to shielding block	EN-CV	Fri 06/12/19	Thu 12/12/19	1 wk Demin. Water circuit installation External to shielding block
0%	■ Elec. Infr. Installation B.157	EN-EL	Mon 02/12/19	Fri 11/09/20	Elec, Infr. Installation B.157
0%	Civil work for platform in EN-EL area	EN-EL	Mon 02/12/19	Fri 13/12/19	2 wks Civil work for platform in EN-EL area
0%	Demin. Water circuit installation inside CHARM/IRRAD	EN-CV	Fri 13/12/19	Thu 19/12/19	1 wk Demin, Water circuit installation inside CHARM/IRRAD
33%	△ Primary Area		Thu 06/12/18	Wed 03/03/21	
93%	■ Dismantling activities in the primary area		Thu 06/12/18	Fri 29/11/19	zuurunununununununununununununununkus
100%	Removal of RP Buffer zone systems	HSE-RP	Mon 07/10/19	Wed 09/10/19	3 days : Removal of RP Buffer zone systems
100%	Removal of the shielding wall near APRON	EN-EA	Thu 10/10/19	Thu 10/10/19	1 day Removal of the shielding wall near APRON
100%	Cleaning Primary Area	EN-EA	Mon 21/10/19	Tue 29/10/19	1.4 wks. Cleaning Primary Area
50%	Dismantling Shielding	EN-HE	Wed 30/10/19	Tue 12/11/19	2 wks 📰 Dismantling Shielding
60%	Blue metallic strucutre dismantling	EN-EA	Mon 04/11/19	Fri 08/11/19	1 wk 🖫 Blue metallic strucutre dismantling
0%	Laser scan in primary area after shielding re-organization	EN-SMM	Tue 12/11/19	Tue 12/11/19	1 day Laser scan in primary area after shielding re-organization
80%		EN-EL	Mon 23/09/19	Fri 29/11/19	e 3A - Remaining De-cabling at 157/263/352
95%	3A.5 Bldg 157: De-cabling Signal + LV (15km/week): T8/T9/T10/T11 -> APRON + APRON -> T8/T9/T10/T11	EN-EL	Mon 23/09/19	Fri 25/10/19	5 wks 3A.5 Bldg 157: De-cabling Signal + LV (15km/week): T8/T9/T10/T11 -> APRON + APRON -> T8/T9/T10/T11
100%	3A.6 Bldg 157: De-cabling Signal Interlock: at 157 (only up to gallery/trap)	EN-EL	Mon 23/09/19	Fri 27/09/19	1 wk 🖁 3A.6 Bldg 157: De-cabling Signal Interlock: at 157 (only up to gallery/trap)
100%	3A.7 Bldg 157: XXX DC Cables (30m/cable & 5KM per week): 157 -> Gallery TB (251 related)	EN-EL	Mon 30/09/19	Fri 04/10/19	1 wk 📱 3A.7 Bldg 157: XXX DC Cables (30m/cable & 5KM per week): 157 -> Gallery TB (251 related)
0%	3A.8 55 DC Cables (30m/cable & 5KM per week): 157-> Magnets (263 related) + 5km DC cables at 263	EN-EL	Fri 01/11/19	Tue 12/11/19	1.5 wks 3A.8 55 DC Cables (30m/cable & 5KM per week): 157-> Magnets (263 related) + 5km DC cables at 263
80%	3A.9 Bldg 157: Cable Trays: Dismantling of cable trays for 4 lines at 157	EN-EL	Mon 18/11/19	Fri 29/11/19	2 wks 3 3A.9 Bldg 157: Cable Trays: Dismantling of cable trays for 4 lines at 157
0%	△ Installation activities in the primary area		Wed 13/11/19	Wed 03/03/21	Installation activities in the primary area
0%	Ground marking of the shielding blocks location	EN-SMM	Wed 13/11/19	Mon 18/11/19	4 days Ground marking of the shielding blocks location
0%	Install the new configuration of the shielding primary area	EN-EA	Tue 19/11/19	Mon 09/12/19	3 wks Install the new configuration of the shielding primary area
0%	Ground marking of the shielding blocks location mixed area T8	EN-SMM	Mon 25/11/19	Fri 29/11/19	1 wk Ground marking of the shielding blocks location mixed area T8
0%	Ground Hard painting primary	SMB-SE	Tue 10/12/19	Mon 06/01/20	2 wks Ground Hard painting primary
0%	Install the new configuration of the shielding in the mixed area + "Dump" T8	EN-EA	Tue 10/12/19	Mon 13/01/20	3 wks Install the new configuration of the shielding in the mixed area + "Dump" T8
0%	△ CLOUD Area		Mon 02/12/19	Fri 17/07/20	CLOUD Area 🖫 🚟 🗸 💮
0%	Completion of CLOUD Run and removal (Include CR Cleaning)	CLOUD	Tue 17/12/19	Tue 21/01/20	3 2 wks Completion of CLOUD Run and removal (Include CR Cleaning)





B.352, **PS** area

- B.352, PS –F61
 - Cleaning & painting floor(rest corridor and below blocks)
 - Ground Marking done, (need to reschedule Q74 marking)
 - Magnet supports ready@EHN1, pending TREC & transport
 - They will be sent to the b.157
 - EN/HE &EA check methods of installation
 - EN/CV ACE&EA coactivity's during November
 - TE/MSC&EA preparation to delivery the magnets @157



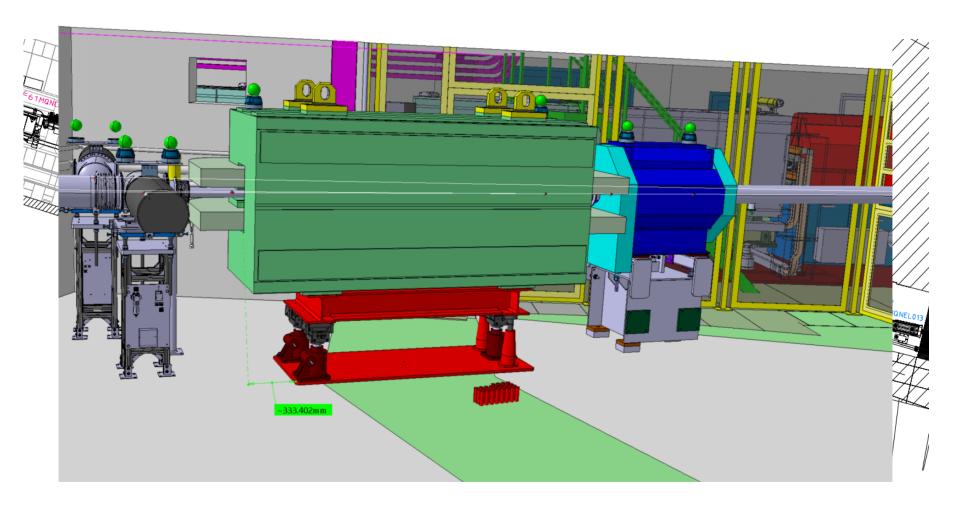
	Will start	Start	ed		
53%	4 B.352 (PS)		Fri 01/02/19	Wed 21/10/20	352 (PS) 🕶
97%	■ Dismantling activities in b.352		Fri 01/02/19	Mon 23/09/19	in b.352 \(\sqrt{2000000000000000000000000000000000000
95%	◆ Phase 3A - Remaining De-cabling at 157/263/352	EN-EL	Fri 01/02/19	Fri 20/09/19	163/352 Vandamannan
80%	3A.4 Bldg 352: De-cabling Signal + LV (15km/week): 352 -> APRON + APRON ->	EN-EL	Mon 09/09/19	Fri 20/09/19	2 wks 📱 3A.4 Bldg 352: De-cabling Signal + LV (15km/week): 352 -> APRON + APRON -> 352
100%	General cleaning	EN-EA	Mon 23/09/19	Mon 23/09/19	0.5 days General cleaning
15%	■ Installation activities in b.352		Mon 01/07/19	Mon 22/06/20	on activities in b.352
100%	Cleaning	EN-EA	Wed 09/10/19	Wed 09/10/19	1 day Ceaning
90%	Painting	EN-EA	Mon 14/10/19	Wed 23/10/19	8 days . Painting
0%	Network consolidation in b.352	EN-SMM	Wed 16/10/19	Tue 22/10/19	1 wk Network consolidation in b.352
95%	Ground marking in b.352	EN-SMM	Mon 28/10/19	Fri 01/11/19	1 wk , Ground marking in b.352
0%	Mechanical supports installation in b.352	EN-EA	Mon 04/11/19	Fri 29/11/19	4 wks 💹 Mechanical supports installation in b.352
0%	Plugin supports installation for beam stoppers in b.352	EN-STI	Mon 04/11/19	Fri 29/11/19	4 wks 💹 Plugin supports installation for beam stoppers in b.352
2%	Install the demineralized cooling circuit in B.352	EN-CV	Mon 04/11/19	Fri 15/11/19	2 wks Install the demineralized cooling circuit in B.352
0%	Support leveling in b.352	EN-SMM	Mon 02/12/19	Fri 13/12/19	2 wks Support leveling in b.352
0%	Magnets installation in b.352	TE-MSC	Mon 16/12/19	Fri 24/01/20	4 wks Magnets installation in b.352





A. Ebn Rahmoun, 13-11-2019 Coordination meeting #16

View of extraction beam line, PS







Activities

Intitulé	▼ Bâtiment ▼	Responsable	→ N° VIC →	Date VIC	▼ N° IMPACT ▼	Date IMPACT
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 measurments	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
Repair of Huber cooling plants in T11 bld 157	157/CLOUD	ROBERT K. (EP/DT)	EDMS:2102533	31/01/2019	135071	13/06/2019
Percage dalles caniveau entre le 156 et 157	157/156	GUILLAUME RAIMONDI	l j		135173	14/06/2019
Input chamber valve replacement	157/CLOUD	Louis-P. D.M. (EP/DT)			135261	16/06/2019
Inspection dégats des eaux b.157	157	Aboubakr E. (EN-EA)			135544	19/06/2019
Visit of the European Space Agency delegation	157/CHARM	Salvatore			135948/136168	24/06/2019
Nettoyage CHARM/IRRAD	157/CHARM/IRRAD	Paulo A.F.D.C (SMB-SIS))		135658	20/06/2019
Insrument layout planning	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	135890	24/06/2019
Gas storage: safety planning for new run gases	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	136197	27/06/2019
Visit to B157 for IT-4521 Bidders' Conference	157	Francesco D (EN-CV)			135909	24/06/2019
Cables removal campaign (bdgs 251, 817)	251/817	'AWEL ANDRZEJ BURDEL	SI VIC5001		135499	24/12/2270
Zone East consolidation- 157 Piping and skid	157	Xavier D. (EN-CV)			136940	05/07/2019
Input chamber valve replacement	157/CLOUD	Louis-P. D.M. (EP/DT)	EDMS:2102533	31/01/2019	137182	10/07/2019
Input chamber valve replacement	157/CLOUD	Louis-P. D.M. (EP/DT)	EDMS:2102533	31/01/2019	137485	15/07/2019
Installation destratificateur	157	Xavier D. (EN-CV)	4377	09/07/2019	136815	04/07/2019
Maintenance du groupe Trane	157/Trane	Xavier D. (EN-CV)			136992	08/07/2019
Chemical cabinet inventory	157/CLOUD	Hanna M. (EP/DT)	EDMS:2102533	31/01/2019	137905	22/07/20199
Airflow measurments with 'Virtual Instruments'	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	138067	25/07/2019
CLOUD airflow measurments with 'Virtual Instruments'	157/CLOUD	Stefan W. (EP-DT)	EDMS:2102533	31/01/2019	138414	01/08/2019
Professional visit with external contractor	157/SMB	Charly G. (SMB)			138703	06/08/2019
Preparing CLOUD14 runs (week 34)	157/CLOUD	Hanna M. (EP/DT)	5145	22/08/2019	139634	16/08/2019
CV temporary supply East Area b.157	157	Marco P. (EN-EL)	5162	27/08/2019	139870	26/08/2019
New valves + expansion system tests + cablage DMFC	157/CLOUD	Louis-P. D.M. (EP/DT)	EDMS:2102533	31/01/2019	140657	09/09/2019
New valves + expansion system tests + cablage DMFC	157/CLOUD	Louis-P. D.M. (EP/DT)	EDMS:2102533	31/01/2019	141688	23/09/2019
Visit in East Area for LV cabling ENP	157	Marco P. (EN-EL)			141148	16/09/2019
Journalist visit at CLOUD	157/CLOUD	Hanna M. (EP/DT)			141765	24/09/2019
Remplacement du câble de levage et Maintenance du PR-67	157 PR-67	Filippo C. (EN-HE)			143037	11/10/2019
Error investigation of the Huber Unistat 950 cooling plant	157/CLOUD	ROBERT K. (EP/DT)	EDMS:2102533	31/01/2019	143242	16/10/2019
Démontage de la structure et des échelles a câbles mur 157-352	157/Zone primaire	VICTOR DE JESUS	5365	29/10/2019	143855	28/10/2019
Swisscom devices move in B. 157	157	Leszek (IT-C5)	5388	04/11/2019	143981	30/10/2019
New valves + expansion system tests + cablage DMFC	157/CLOUD	Louis-P. D.M. (EP/DT)	EDMS:2102533	31/01/2019	144505	07/11/2019
CHARM Visit for the RADSAGA project	157/CHARM/IRRAD	Ruben G. A. (EN-STI)			144522	07/11/2019





Questions?

