

ECR/Documents for Information and Approval

Giulia Romagnoli and Natalya Kahn for BE-EA, 2024-09-24

[EA Documents - Agile Board - CERN Central Jira](#)



LIST OF DOCUMENTS for Info

FOR INFORMATION EATM				
Summary	Reporter	EA Projects	EDMS number	EDMS Status
Pre-DEC from BE-CEM following the office identification	Alicja Ostrega	North Area, NACONS	3152084 - SPSX-E-LST-0023	Under Approval
Pre-DEC from BE-EA following the office identification	Alicja Ostrega	North Area, NACONS	3152086 - SPSX-E-LST-0024	Under Approval
Pre-DEC from EN-AA following the office identification	Alicja Ostrega	North Area, NACONS	3152087 - SPSX-E-LST-0025	Under Approval
Pre-DEC from EN-CV following the office identification	Alicja Ostrega	North Area, NACONS	3152089 - SPSX-E-LST-0026	Under Approval
Pre-DEC from HSE-RP following the office identification	Alicja Ostrega	North Area, NACONS	3152090 - SPSX-E-LST-0027	Under Approval
Pre-DEC from SY-EPC following the office identification	Alicja Ostrega	North Area, NACONS	3152091 - SPSX-E-LST-0028	Under Approval
Pre-DEC from TE-MPE following the office identification	Alicja Ostrega	North Area, NACONS	3152092 - SPSX-E-LST-0029	Under Approval
Pre-DEC from TE-MSD following the office identification	Alicja Ostrega	North Area, NACONS	3152093 - SPSX-E-LST-0030	Under Approval
Pre-DEC from TE-VSC following the office identification	Alicja Ostrega	North Area, NACONS	3152094 - SPSX-E-LST-0031	Under Approval
Pre-DEC from EN-EL following the office identification	Alicja Ostrega	North Area, NACONS	3165982 - SPSX-E-LST-0032	Under Approval
Pre-DEC from SY-BI following the office identification	Alicja Ostrega	North Area, NACONS	3165984 - SPSX-E-LST-0033	Under Approval
Pre-DEC from IT-CS following the office identification	Alicja Ostrega	North Area, NACONS	3165985 - SPSX-E-LST-0034	Under Approval

LIST OF DOCUMENTS for Info

FOR INFORMATION EATM				
Summary	Reporter	EA Projects	EDMS number	EDMS Status
SPS NA SPILL Monitor Digital Acquisition Chain	David Belohrad	North Area, NACONS	3160611 - SPSX-B-ES-0005	Engineering check
SPS EHN ₂ North Area Risk Assessment	Thibaut Lang	North Area, NACONS	3087026 - SPSX-Y-SPC-0003	Engineering check
Introduction to the North Area Safety File	Havin Ozcanli	North Area, NACONS	3121018 – SPSX-S-SR-0002	Released
ILC Beam Dump – Water Tank	Krystian Sidorowski	North Area, NACONS	3101516 - SPSX-T-RPT-0001	Released
System Safety Assessment - XWCM/XSCI	Krystian Sidorowski	North Area, NACONS	3140740 - SPSX-B-SSR-0001	Released
Finite Element Analysis for the MCB vacuum chamber in F61	Angello Petrellese	North Area, NACONS	3162570	Draft for Discussion
North Area Consolidation - 4.5 Electrical and Fibre Infrastructure Work Package Description	Eva Cano Gonzalez	North Area, NACONS	2669639 – SPSX-E-WD-0002	Released
NA-CONS Fire Door List	Adem Kaymak	North Area, NACONS	2975567 – SPSX-SF-LST-0001	Released
NA-CONS - WP 5.1.3 - Fire-resistant partitions - Provisional Schedule	Adem Kaymak	North Area, NACONS	3118794	Released
Technical Specification Parabolic Mirror	Jan Buesa Orgaz	North Area, NACONS	3035195	Released

LIST OF DOCs for APPROVAL

ECR APPROVAL EATM				
Summary	Reporter	EA Projects	EDMS number	EDMS Status
Asset Replacement Request - TT84 Ventilation	Helmut Jena	North Area – NACONS	3139745 - SPSX-U-ARR-0003	Under Approval
Protection Against Accidental Contacts for Normal Conducting Magnets in the NA	Olivier Crettiez	North Area	3124339 - SPSX-M-EC-0004	Under Approval
BA81 Extension	Rachid Haddad	North Area – NACONS	3093423 - SPSX-SF-EC-0009	Under Approval
Fire Detection, Fire Protection and Voice Alarm Systems for the BA81 Underground Facilities	Rachid Haddad	North Area – NACONS	3126083 - SPSX-SF-EC-0012	Under Approval
Smoke Detection and Evacuation for the Surface Facilities BA81	Michael Jeckel	North Area – NACONS	3153224 - SPSX-SF-EC-0015	Under Approval

ARR for Approval

SPSX-U-ARR-0003

Version **0.1**

By Helmut Jena

Asset Replacement Request - TT8₄ Ventilation

As part of the NA-CONS Project, TT8₄ ventilation will be replaced due to obsolescence.

Activities and concerned groups:

Activities	Groups	Dates
Transporting new cubicles to the underground	EN-HE	9/12/24
Displacing collimator <i>XCMV.X0610733</i>	EN-HE	9/12/24
Installing collimator <i>XCMV.X0610733</i>	EN-HE	13/01/25 – 16/01/25
Displacing vacuum chambers: <ul style="list-style-type: none">Downstream of <i>QWL.X0610677</i>Downstream of <i>XCMV.X0610733</i>	BE-EA	10/12/24 – 11/12/24
Installing vacuum chambers: <ul style="list-style-type: none">Downstream of <i>QWL.X0610677</i>Downstream of <i>XCMV.X0610733</i>	BE-EA	13/01/25 – 17/01/25
Disconnecting collimator <i>XCMV.X0610733</i>	TE-MS	9/12/24
Connecting collimator <i>XCMV.X0610733</i>	TE-MS	13/01/25 – 16/01/25
Replacing cubicles: <ul style="list-style-type: none"><i>UACV1-00147</i><i>UACV1-00148</i>	EN-CV	10/12/24 – 14/02/25
Demi water pipes dismantling and re-installation	EN-CV	10/12/24 – 31/01/25
Aligning collimator <i>XCMV.X0610733</i>	BE-GM	27/01/25 – 31/01/25

ARR for Approval

SPSX-U-ARR-0003

Asset Replacement Request - TT8₄ Ventilation

Version **0.1**

By Helmut Jena

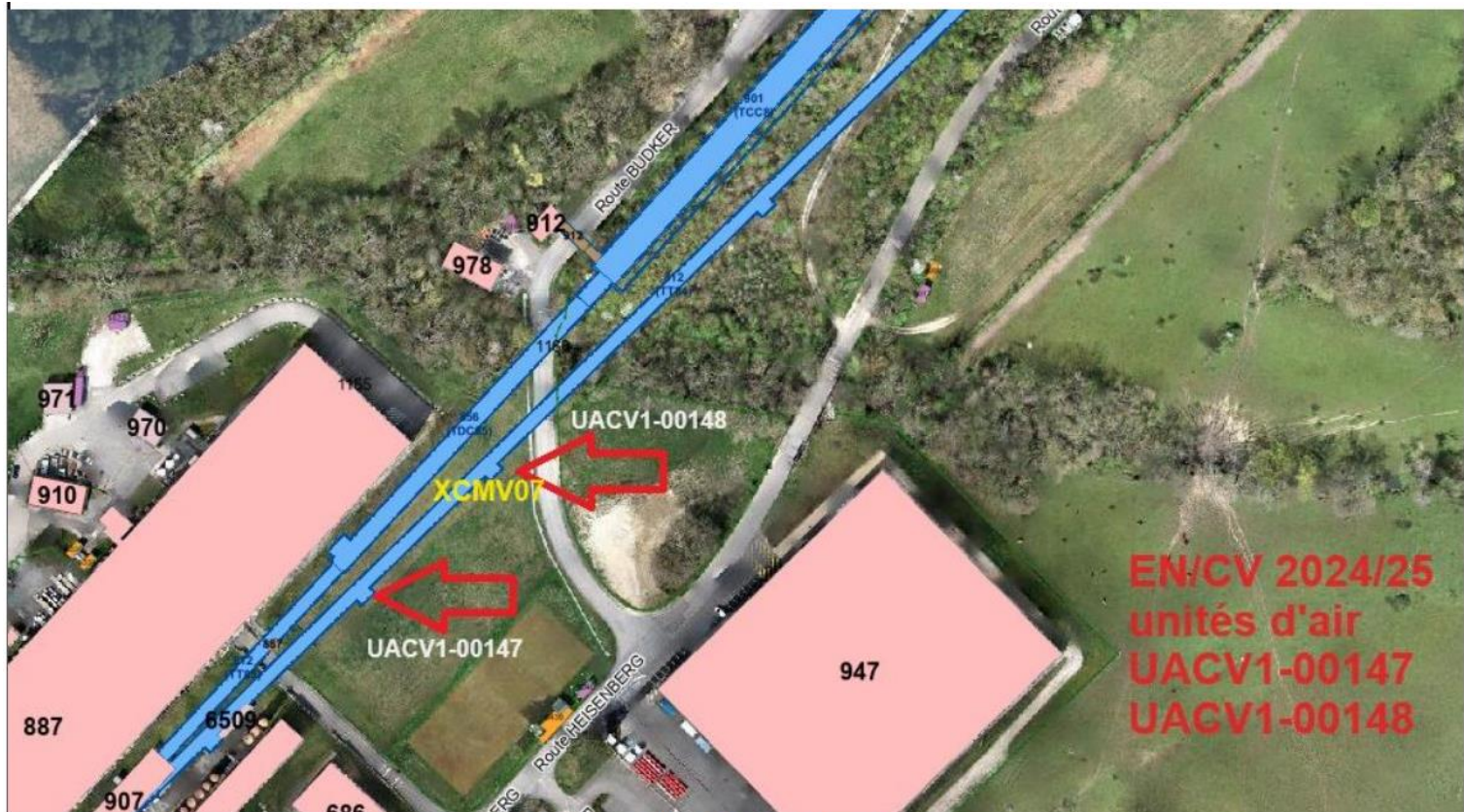


Figure 1: Installation locations.

ARR for Approval

SPSX-U-ARR-0003
Version **0.1**

Asset Replacement Request - TT8₄ Ventilation

By Helmut Jena

Seen by GENILLON Xavier (SY-EPC) Seen	Created on 2024-08-02, 15:58
Seen by HERTY Andreas (BE-ASR) The field SAFETY = YES ticked. No impact on EIS or other interlocked systems of the North Area identified. If impact, please specify. BE DDSO	Created on 2024-08-05, 08:38
Seen by PELLETIER Serge (EN-HE) merci de suivre les prescription du doc EDMS 2817770	Created on 2024-08-05, 11:05
Accepted with Warning by KADI Yacine (BE-EA) Could you please specify what are the RP concerns, if any, wrt the displacement and temporary storage of the magnetic collimator.	Created on 2024-08-05, 13:34
Accepted by BOISSEAUX-BOURGEOIS Philippe (BE-EA) Ok for the vacuum.	Created on 2024-08-06, 10:44
Seen by BERTONE Caterina (EN-HE) We really need to know how these cubicles look like (size, dimensions, center of gravity) and to check if the new are different from the old ones. Just to check if we have everything that is necessary for handling or we need something else. As usual, we ask that construction drawings are sent to HE before drawing acceptance to the supplier to ensure installability.	Created on 2024-08-07, 16:49
Accepted by BALTASAR DOS SANTOS PEDROSA Fernando (EN-ACE) The different steps involving other teams like transport, vacuum of secondary lines (one vacuum chamber removal), collimators team (it will have to be moved laterally to allow access), ..., was done and different steps agreed. The planning has been agreed with the NA-CONS coordination team for the YETS2024-25 (Xavier Palle)	Created on 2024-08-09, 09:31
Seen by GRECARD Jean-Louis (SY-STI)	Created on 2024-08-09, 09:52
Seen by EBN RAHMOUN Aboubakr (BE-EA) Ok for me.	Created on 2024-08-09, 10:04

Seen by VAXELAIRE Didier (EN-AA) Created on 2024-08-09, 10:42
Accepted with Warning by LAZZARONI Michael (BE-EA) Created on 2024-08-09, 10:52 Thanks for the document. Do you have a 3D model (simplified) of it? I guess that you stay in the same volume that the present installation? if not we have to analyse it in ICEA meeting. thanks.
Accepted by ABERLE Frederic Lionel (HSE-RP) Created on 2024-08-13, 17:08 OK for RP. To answer Yacine's comment: the collimator will probably be slightly radioactive (I expect it to be in the order of a few uSv/h approximately). In my opinion, storage can be done in one of the radioactive storages at Preveessin, or temporarily in EHN2, or EHN1, or in the tunnel.
Accepted by PIRA Yann Pierre (HSE-RP) Created on 2024-08-14, 10:52 OK for me. I agree with Frederic Aberle.
Accepted by JENA Helmut (EN-CV) Created on 2024-08-14, 11:25 Reply concerning your comments (thanks to you all for collaboration): - Transport and handling of the racks done by Cern transport only (not done by contractor). - RP gives green light. Slight radiation only, no need even for protection drape. - Obsolete racks will be measured and temporarily stocked and disassembled in TDC85 (as the last years). - The new power racks have the same size as the old ones (no dedicated 3D model available) Thank you!!
Seen by VENDEUVRE Camille (BE-GM) Created on 2024-08-20, 15:12
Seen by BEYNEL Alexandre (BE-GM) Created on 2024-08-26, 09:13
Seen by TSHILUMBA David (HSE-OHS) Created on 2024-08-27, 15:54 Seen. No remarks on mechanical safety. Possible further remarks from Jean-Paul Jullien for HSE-OHS.
Seen by RIOS RUBIRAS Oriol (HSE-OHS) Created on 2024-08-30, 09:08 would new units allow for interlock with Fire Detection?

Seeking approval from EATM



ARR for Approval

SPSX-U-ARR-0003

Asset Replacement Request - TT8₄ Ventilation

Version **0.1**

By Helmut Jena

✓ Accepted by JENA Helmut (EN-CV)

Created on 2024-09-03, 17:31

Dear Oriol,

The new rack is only to provide power for the ventilation unit.

The control for all the ventilation systems is done by the control cubicle in BA81 (at the surface) and is there where we would need to have the signals coming from the fire detection central and from where we can interlock the dedicated ventilation units.

Nevertheless, there are few spare wires in the underground power racks (connected to the surface control cubicle) for spare signals (e.g. new fire dampers).

Please do not hesitate to contact me for any question. Thank you. Helmut

Seeking approval from EATM



ECR for Approval

SPSX-M-EC-0004
Version 0.2

By Olivier Crettiez

Protection Against Accidental Contacts for Normal Conducting Magnets in the NA

As part of a CERN effort to reduce the risk of accidental contact with live electrical parts, new safety covers will be installed to prevent access to the electrical connections of the normal conducting magnets installed in the NA. Consolidation will be performed on 149 magnets during YETS 24-25 and on the remaining 141 during LS3.

The magnet families were classified in five levels of protection graded from category a to e, from the highest to the lowest protection level. In the NA, 290 magnets installed were inspected and do not comply with IP standards at present.



Figure 1 – QNL.X0220167, H4 line TT81, existing protection cover with view from underneath on the right.

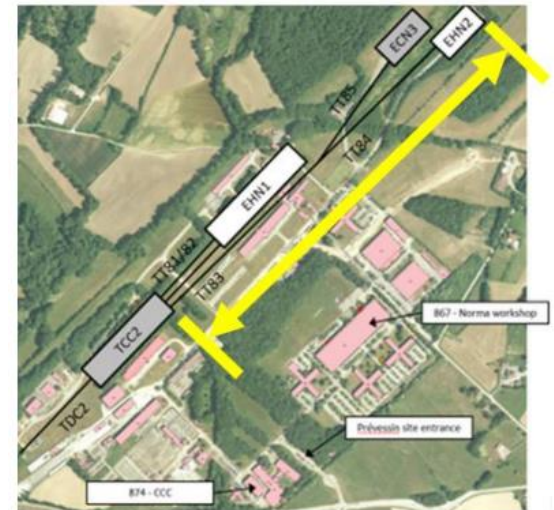


Figure 2 – Consolidation areas.

ECR for Approval

SPSX-M-EC-0004
Version **0.2**

By Olivier Crettiez

Protection Against Accidental Contacts for Normal Conducting Magnets in the NA

The new safety covers are made of polycarbonate. New covers will be added to those existing and installed on the magnets. The upgrade was verified by prototyping during the previous YETS and is compatible with the NA magnets.

The actions proposed for YETS 24/25 are listed in this ECR, as well as considerations of:

- Logistics
- Transport
- RP
- Waste
- Installation.

Four magnet types will be consolidated:

- QNL
- QWL
- MBNH
- MBNV

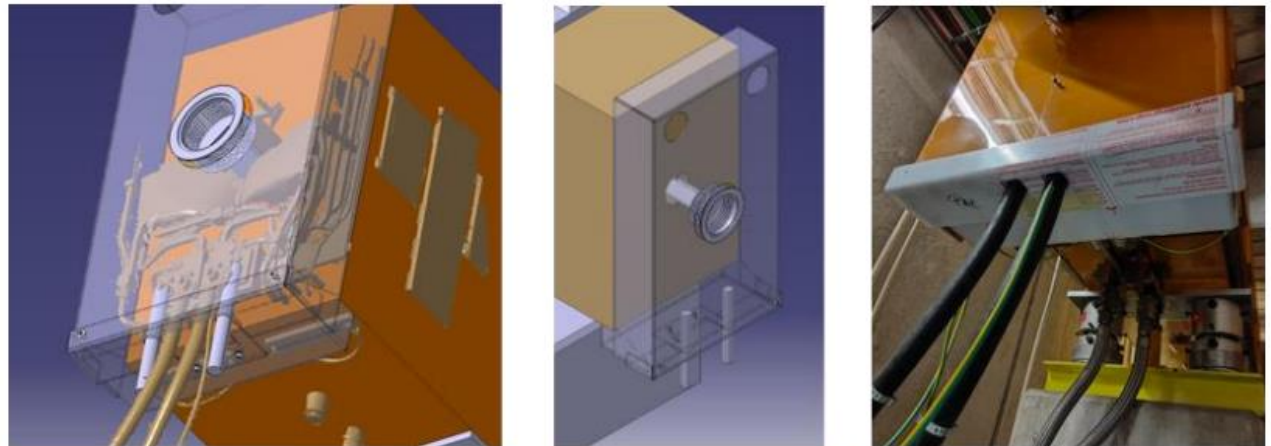


Figure 4 – 3D scan and study for prototyping of QNL magnets.

ECR for Approval

SPSX-M-EC-0004
Version **0.2**

Protection Against Accidental Contacts for Normal Conducting Magnets in the NA

By Olivier Crettiez

✔ Accepted by ABERLE Frederic Lionel (HSE-RP) Comments from v0.1 taken into account, fine for me.	Created on 2024-08-19, 14:53
➡ Seen by GAILLARD Yves (SY-EPC)	Created on 2024-08-19, 15:04
✔ Accepted by PIRA Yann Pierre (HSE-RP) OK	Created on 2024-08-19, 15:16
➡ Seen by GALLEAZZI Frederic (EN-ACE) Pas concerné par cette zone	Created on 2024-08-19, 15:54
✔ Accepted by KADI Yacine (BE-EA) comments from "Eng. Check" implemented in this new version	Created on 2024-08-19, 17:21
✔ Accepted by SCHWARZ Philip (TE-MSD) ok	Created on 2024-08-20, 11:44
✔ Accepted by GAIGNANT Christelle (BE-ASR) Thanks.	Created on 2024-08-23, 11:15
✔ Accepted by LAMONT Mike (DG-DI) Continuation of an important programme to address electrical safety.	Created on 2024-08-24, 19:06
➡ Seen by BEYNEL Alexandre (BE-GM)	Created on 2024-08-26, 08:57
✔ Accepted by LAZZARONI Michael (BE-EA) Hello, merci beaucoup! Merci de bien créer votre IMPACT en avance (dès à présent) afin que l'équipe de coordination puisse récupérer cette activité depuis cette plateforme.	Created on 2024-08-26, 09:11

⚠ Accepted with Warning by VENDEUVRE Camille (BE-GM) Covers should not interfere with alignment system or survey reference points. The survey GIMSA are not visible on the drawings of QNL and QWL covers so it is difficult to estimate if there is interferences. The covers should be installed as low as possible in term of height so that the visibility of the sockets above the magnets is not affected.	Created on 2024-08-26, 09:17
➡ Seen by PELLETIER Serge (EN-HE)	Created on 2024-08-26, 10:37
➡ Seen by FUMEY Sylvain (EN-HE) ok	Created on 2024-08-27, 09:55
➡ Seen by FUMEY Sylvain (EN-HE) ok	Created on 2024-08-27, 10:05
➡ Seen by FUMEY Sylvain (EN-HE) ok	Created on 2024-08-27, 10:53

Seeking approval from EATM



ECR for Approval

SPSX-M-EC-0004

Version **0.2**

Protection Against Accidental Contacts for Normal Conducting Magnets in the NA

By Olivier Crettiez

Seen by **ALEXAKI Paraskevi** (BE-EA)

Created on 2024-09-04, 11:42

NACONS WP 3.5 not concerned by the document.

Accepted by **MILANESE Attilio** (TE-MS)

Created on 2024-09-06, 08:25

Thanks for this updated document - please find my comments below:

- I understand from a comment in v. 0.1 that, for the North Area, it was decided to apply this consolidation irrespective of the electrical safety category (a to e) of the magnet; still, for completeness, add in 3.1 the category for the four concerned magnet types (QNL, QWL, MBNH and MBNV); if such a classification is not possible at the level of the type, because of slot dependent customizations, then add a column in Tables 1-3 with the category

- discussions are ongoing about a possible reorganization of the MSC workshop in B180 (180/R-U03); this might have an impact on this activity, meaning that installation of some of the covers might be delayed after YETS 24-25

Accepted by **BERNHARD Johannes** (BE-EA)

Created on 2024-09-23, 22:54

Thanks for the nice document. Probably it was already discussed, but the covers shall be removable for polarity checks in cases where there would not be any other way to access with the probe.

Seen by **CRETTIEZ Olivier** (TE-MS)

Last modified on 2024-09-24, 09:38 | Created on 2024-09-24, 09:31

Comments from Lazzaroni Michael

Oui cela sera fait.

Seen by **CRETTIEZ Olivier** (TE-MS)

Last modified on 2024-09-24, 09:39 | Created on 2024-09-24, 09:33

Comments from Venduvre Camille

The new covers do not interfere with the alignment system. The geometry is contained within the existing envelope as shown in SPSMUQBT0211 and SPSMUQBT0217 reference assembly drawings, § 3.2 component drawings.

Seen by **CRETTIEZ Olivier** (TE-MS)

Last modified on 2024-09-24, 09:38 | Created on 2024-09-24, 09:35

Comments from Milanese Attilio

- add in 3.1 the category for the four types of magnets concerned (QNL, QWL, MBNH and MBNV); Yes it will be done.

- reorganization of the MSC workshop in B180
Production will not be affected. The production plan has been adjusted to be completed before the start of relocation activities.

Seen by **CRETTIEZ Olivier** (TE-MS)

Last modified on 2024-09-24, 09:38 | Created on 2024-09-24, 09:37

Comments from Bernhard Johannes

Polarities are verified by MSC from the non-connection side, the side without covers which is practically accessible in all cases. If the polarities need to be checked from the connection side, the covers are easily removable, as is currently the case.

Seeking approval from EATM



SPSX-SF-EC-0009

Version **0.2**

BA8₁ Extension

By Rachid Haddad

This document describes the new extension of BA8₁ for hosting the fire detection equipment.

The BA8₁ extension (4,5m²) will accommodate the equipment for the new fire safety system, which will include a fire detection system, a fire protection system and a voice alarm system. The new system must be as close to the access point as possible to facilitate the intervention of firefighters in the event of an alarm.

The equipment in the extension will be:

- Three racks which will be fed on the secure network. There must be access from each side of the racks.
- A metal structure to install the eight fire detection plates
- A bay integrating addressable control and signalling equipment
- A bay integrating the fire safety control unit
- A bay integrating the emergency sound system
- Seven panels of three Distance Aspirating Smoke Detectors
- A panel of two ASDs.
- An LASD support (precautionary measure).



Figure 1: Proposed extension for BA8₁ (highlighted in orange).

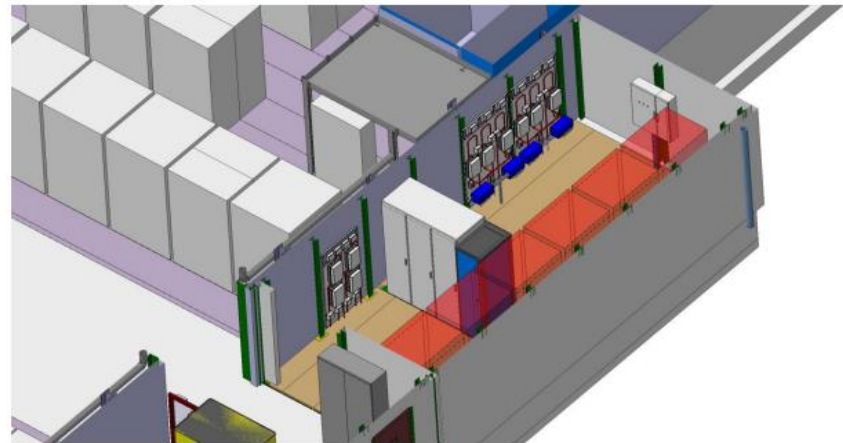


Figure 10: Relief view of the extension (Salève side).

ECR for Approval

SPSX-SF-EC-0009

BA81 Extension

Version **0.2**

By Rachid Haddad

— Seen by DUQUE CARVALHO Filipa (BE-ASR)

Created on 2024-08-29, 11:23

The ECR should include the ventilation required for the room (solution and costs). Should also be included that a door will be installed. The schedule must be updated (to october or so, when the racks are installed).

Let's give it some days to collect this info and then include it in the document and we can release it.

Thanks

— Seen by HERTY Andreas (BE-ASR)

Last modified on 2024-08-29, 11:39 | Created on 2024-08-29, 11:37

The dates for the implementation (06-08/2024) are outdated and need to be updated.

False floor proposal shall be reviewed by HSE (R. Morton) to guarantee stability in case floor tiles are removed for work purposes and to validate the load capacity for passing equipment for installation (e.g. racks). Indication of load capacity might be appropriate.

It is not clear if the extension will be a new part of bldg BA81 or if a new building number will be issued.

— Seen by SCHWARZ Philip (TE-MSO)

Created on 2024-08-29, 14:09

— Seen by ANDREINI Marco (HSE-OHS)

Created on 2024-08-29, 18:15

Design guidance document in EDMS 2320406 v.1 is recommended to be followed for the design of false floor.

— Seen by GAILLARD Yves (SY-EPC)

Created on 2024-08-30, 09:37

— Seen by GROS Guillaume (EN-EL)

Created on 2024-08-30, 10:15

merci de faire apparaitre les tickets faisant référence à vos besoins en cables

— Seen by GENILLON Xavier (SY-EPC)

Created on 2024-09-04, 11:18

Seen

— Seen by AHDIDA Claudia Christina (HSE-RP)

Created on 2024-09-04, 15:50

Seen

⚠ Accepted with Warning by KADI Yacine (BE-EA)

Created on 2024-09-20, 14:43

This document comes very late and after the construction of the extension ! this is rather unfortunate situation as there are quite a few open questions/issues which have been raised by colleagues and remain unanswered and not addressed by the concerned groups. A non-conformity report should be created to address these issues:

1. non-conformity of the civil engineering: floor is 70 mm higher than originally prescribed
2. ventilation of the room is not addressed
3. problem with installation of the Fire Detection Control racks as a result of the non-conformity from C.E.
4. concerns raised by HSE-RP regarding potential leaks of radioactive air.

I propose to accept the ECR as representative of the as-built situation and issue another document as a result of the mitigation measures to be put in place to resolve the non-conformities raised above.

— Seen by SUWALSKA Anna (EN-AA)

Created on 2024-09-23, 12:02

@Natalya, could you please correct authors of the ECR document in EDMS and add Mehdi Abdel Kebir Lamrani who is a principal contributor to this document.

@Mehdi, could you please address the following points

The document shall describe the current 'as-built' status, highlighting any non-conformity related to the floor height.

The document shall explain the necessity of a ramp.

The document shall outline the need for a closing door, if required, and provide a technical solution

Seeking approval from EATM



ECR for Approval

SPSX-SF-EC-0012
Version 0.2

By Rachid Haddad

Fire Detection, Fire Protection and Voice Alarm Systems for the BA81 Underground Facilities

As part of NA-CONS, new fire detection, fire protection and evacuation with voice alarm systems will replace existing ones. New equipment will be installed in underground areas, including TT81, TT82, TT83, TDC8, TT84, TT85, TDC85, BA81 for control equipment and the CCC, the SCR and Building 104 for operation equipment.



Figure 1: SSI safety functions.

The system must be changed because:

- Existing fire safety and broadcasting equipment is obsolete.
- The current system does not comply with applicable standards, regulations and instructions
- The PVC pipes in the air sampling networks have deteriorated with age and radiation
- Protection functions to command fire doors and fire dampers are missing
- Large parts of the SPS NA is not covered by detection and evacuation systems



Figure 4: SSI technical functions.

This ECR covers:

- The applicable standards
- Safety functions of the new system
- Technical functions of the new system
- Architecture of the new system
- Safety zoning
- Fire safety matrix
- BIW matrix
- Integration

ECR for Approval

Fire Detection, Fire Protection and Voice Alarm Systems for the BA81 Underground Facilities

SPSX-SF-EC-0012
Version 0.2

By Rachid Haddad

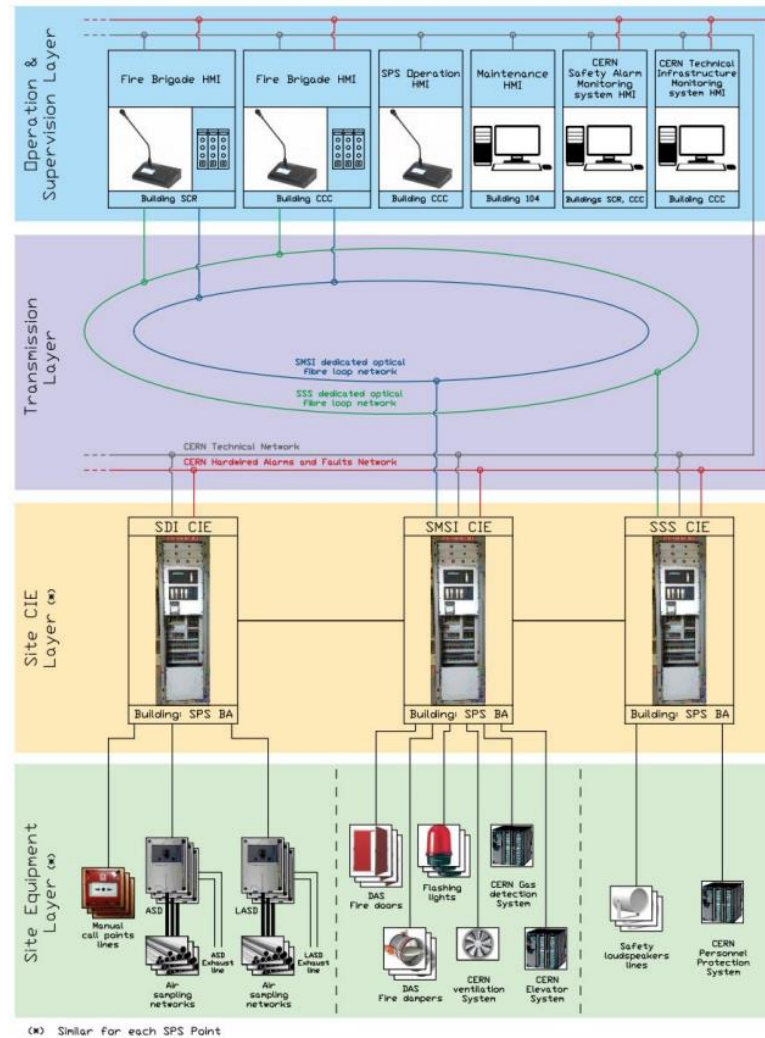


Figure 5: SSI architecture overview.

ECR for Approval

SPSX-SF-EC-0012
Version **0.2**

By Rachid Haddad

Fire Detection, Fire Protection and Voice Alarm Systems for the BA81 Underground Facilities

— Seen by **GENILLON Xavier** (SY-EPC)

Seen

✓ Accepted by **KADI Yacine** (BE-EA)

Thank you Rachid for this very complete ECR. the new system is quite well described and complemented by a detailed description of the construction of the new extension in BA81 ([EDMS 3093423](#)). Important to note that routing transiting through BA81 should be maintained during the renovation works foreseen to take place in LS4. Quoted estimated budget is in line with current project baseline 3.4. The non-conform floor height of the extension needs to be resolved to enable the proper installation of Fire detection equipment inside.

✓ Accepted by **PIRA Yann Pierre** (HSE-RP)

OK, comments from version 0.1 taken in account.

✓ Accepted by **ABERLE Frederic Lionel** (HSE-RP)

Nothing to add for RP

— Seen by **GROS Guillaume** (EN-EL)

Les tickets pour les demandes de cables ne correspondent aux batiments du document EDMS.
le RQF2466190 est pour les cables Fire Safety surface uniquement de l'extension BA81 et non pour le BA81
le RQF2466189 est pour les cables Fire Safety de l'ECN3 en non le BA81.
A noter que pour le BA81 le ticket que j'ai a pour le moment une DIC complètement vide qui n'a donc pas pu être prise en compte dans les différentes analyses de DIC demandé par le projet NA-CONS

✓ Accepted by **HERTY Andreas** (BE-ASR)

Flashing system at the compartment doors to be integrated in the training course for a clear understanding of this new function in case of alarm as well as the nominal state of the doors.

Seeking approval from EATM



ECR for Approval

SPSX-SF-EC-0015 Version 0.2

By Michael Jeckel

Smoke Detection and Evacuation for the Surface Facilities BA81

This document covers the installation of Air Sampling Detector (ASD) in the false floor and on HVAC together with manual call points and sirens for the evacuation system of BA81, in accordance with recommendations in EDMS [2135860](#).

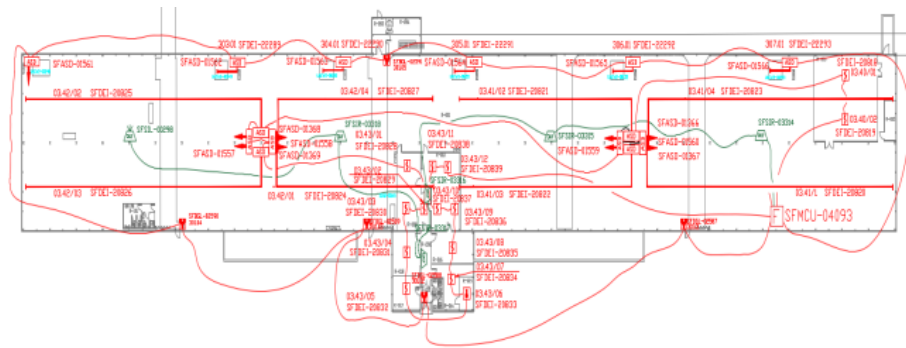


Figure 1: Schematic drawing of fire detection and evacuation equipment of BA81.



Figure 2: Schematic drawing of aspiration pipes in the false floor of BA81.

- The fire detection central will be linked with the Fire Brigade box outside the building and the ventilation control unit to stop the ventilation in the event of an alarm.
- The asservisement matrix will be created and approved by HSE.
- The new fire detection Central SFMCU-04093 will replace SFMCU-02693 in the same position as the rack RA9922 in 890 R-001 in October 2024.
- A schedule overview is provided.

DI & EVAC @ BA81 YETS 2024/2025

- Air Sampling Detector (ASD) installation:
- Four double in the false floor
- Six on HVACs
- Five manual call points (BGL)
- Six sirens



Figure 3: Equipment to be installed in BA81.

ECR for Approval

SPSX-SF-EC-0015

Smoke Detection and Evacuation for the Surface Facilities BA81

Version **0.2**

By Michael Jeckel

— Seen by **GAILLARD Yves** (SY-EPC)

— Seen by **GENILLON Xavier** (SY-EPC)

Seen.

For information, the power converter tests in BA81 will start the 3rd of March 2025. No access in the False Floor allowed from this date.

— Seen by **ABERLE Frederic Lionel** (HSE-RP)

Seen

— Seen by **SCHWARZ Philip** (TE-MS)

— Seen by **GROS Guillaume** (EN-EL)

réalisation du RQF2622958 ce YETS24/25

— Seen by **PIRA Yann Pierre** (HSE-RP)

Seen

✓ **Accepted** by **KADI Yacine** (BE-EA)

Thank you for this very complete ECR.

Important that the routing inside BA81 should be maintained during the renovation works foreseen to take place in LS4.

Quoted estimated budget is in line with current project baseline 3.4

Seeking approval from EATM

Thank you!

