

WWW.CERN.CH/OPWT

OP-WEBTTOOLS

ABOUT MYSELF

- ▶ 2001 Master in applied physic, University of Trento
- ▶ 2001 Technical Student: Thermal Conductivity of high temperature superconductors for the LHC current leads
- ▶ 2003 - 2014 BE/OP CPS Operator -> Shift Leader
- ▶ 2015 - 2018 BE/OP ISOLDE
- ▶ 2019 BE/ICS TI ?

OPWT IN NUMBERS

- ▶ Created 10y ago to group OP web applications
- ▶ 2016 > 400.000 unique visitors
- ▶ 2017 > 90 Million pages served
- ▶ >20% outside CERN
- ▶ 16 applications

OPWT STACK

- ▶ IIS 8.5 WEB Server managed by IT
- ▶ REST API PHP (custom classes)
- ▶ ORACLE Data Storage
- ▶ Swagger documentation
- ▶ VueJS frontend (Angular 1)
- ▶ Semantic UI component library



Vistar



eLogBook



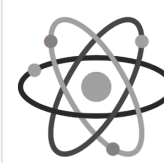
Planning



Planning Dashboard



PhoneBook



ISOLDE



Irrad



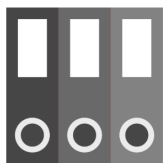
Access Request



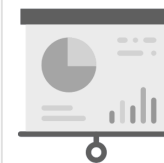
OP PCs



PSB Beam Doc



PS Beam Doc



SPS White Board



CCC Calls Log



Super Cycle



TI logbook



TIOC Group Reporter



Impact



Machine Development



Machine Checkout



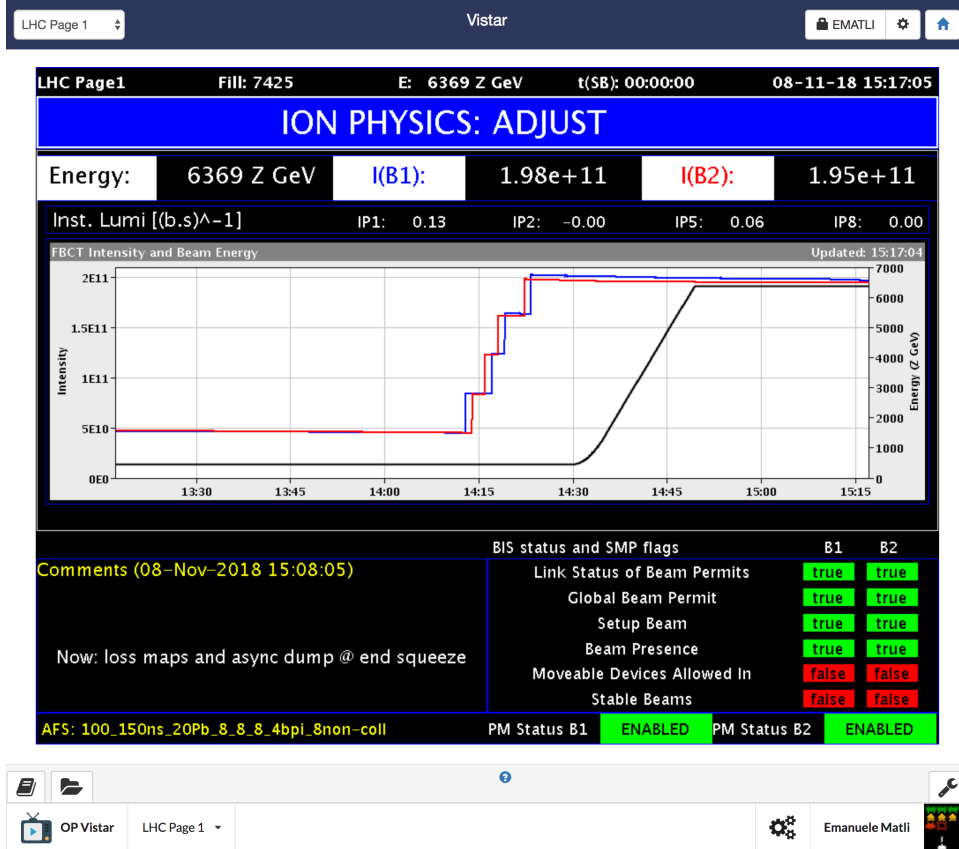
Beam Permit



Training



Consignation



VISTAR

OPWT Style

VueJS

REST API

ORACLE Data Storage

Embed Option with router

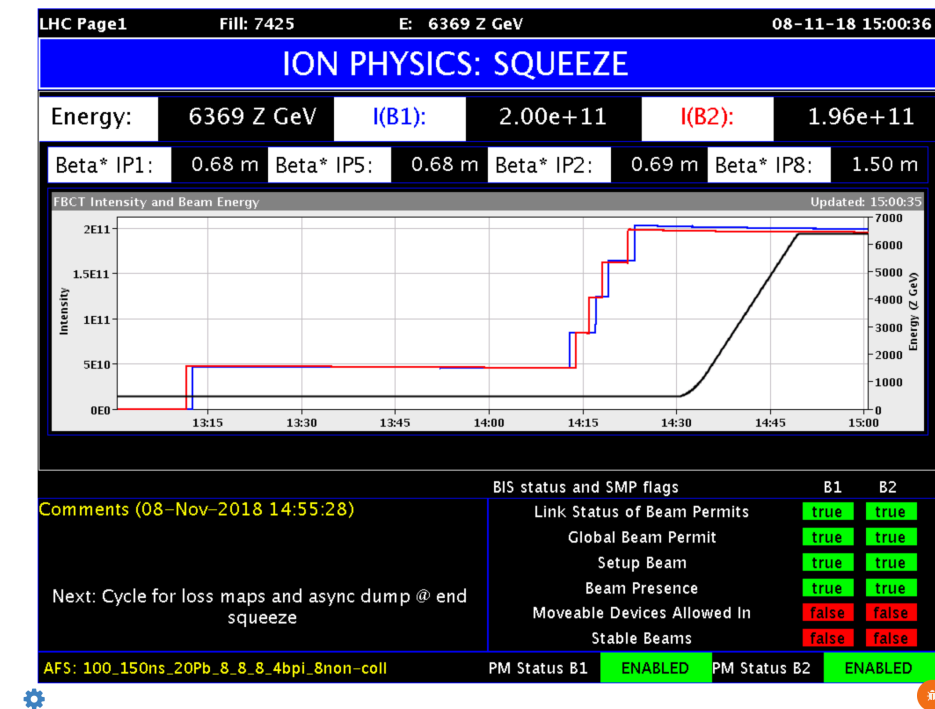
Optimised mobile view

TO DO

Integration with User preferences:
default, dropdown list...

Multiple Vistar per Page

Admin: New, Edit, Delete



08/11/2018 08:23 DAY ISO GPS

FC4900: 450- 510 pA of 238U+16O
mas factor = 1799.55

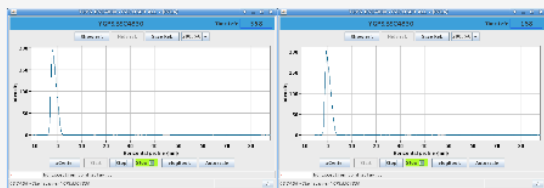
... but the beam is really off center on the focal plane.

Beam recalibrated with slit in - +2 mm
slit in - 280-300pA
slit out - 480-520pA

New mass factor : 1801.58

This needs to be rechecked once back to 229 Ac

/JG



08/11/2018 08:28 Morning PS !

BSW22 have the same problem as the last time due to water leak on electronic board
They need minimum 2h to change it



08/11/2018 08:33 Morning PSB

ResidentCycleServer: PSB THE TIMING USER PSB.USER.MD3 IS MAPPED WITH THE LSA CYCLE
MD4263_BCMS25_2018_PN_1.5eVs_DispFree_optics.
For Fanouria.

08/11/2018 08:43 Morning PSB

Simon of ISOLDE request to put HT room in access mode.

08/11/2018 08:50 DAY ISO HRS

Short access to HT room to connect THERM1 correctly and to connect 5 noble gaz bottle in valve 2



E-LOGBOOK

Multiple logbook in a single page

Inline images

Search

SSO Authentication

New web application currently in development by OP, no plans for further development

Planning My Groups

BE > OP > ISOLDE > Select

Admin
Jose Alberto Rodriguez Rodriguez

Moderators
be-dep-iso-supervisors
Emanuele Matli

ISOLDE Supervisors

- ISOLDE Supervisor: Simon Mataguez
- Backup: Miguel Luis Lozano Benito
- [5] ISOLDE Supervisor
- [6] Backup
- Miguel Luis Lozano Benito
- Eleftherios Fadakis
- Simon Mataguez
- Emanuele Matli
- Jose Alberto Rodriguez Ro...
- Erwin Siesling

Planning My Groups

BE > OP > ISOLDE > ISOLDE Supervisors

All changes saved

Nov 8 – 25, 2018

Name	Th 8	Fr 9	Sa 10	Su 11	Mo 12	Tu 13	We 14	Th 15	Fr 16	Sa 17	Su 18	Mo 19	Tu 20
▼ Schedules													
en:stlp													
▼ People													
Miguel Luis Lozano Benito													
Eleftherios Fadakis													
Simon Mataguez													
Emanuele Matli													
Jose Alberto Rodriguez Rodriguez													
Erwin Siesling													

Edit role "ISOLDE Supervisor"

Basic Information

ISOLDE Supervisor S #14991f

78311 Email @cern.ch

Working times

Type Piquet Start time 08:30 Weekday start Tuesday

☒ Make planning editable by users

Cancel Update



PLANNING

Replacement of Shift Planning and Piquet (APEX).

Generic application to schedule task for people.

Organise teams of people sharing "roles".

EDMS integration for OVT generation (via DB view)

Possible start-up by NTNU.

Several labs interested.

Testing phase with PSI.

Administrated by Jesper Nielsen

Access

SUSI - Piquet	📞 160218	⚙️
ZORA - Piquet 1	📞 168756	👤
👤 Boris Morand	📞 168756	⚙️
ZORA - Piquet 2	📞 160107	👤
👤 Nino Rama	📞 160107	⚙️
Experts LHC	📞 164000	👤
👤 Serge Di Luca	📞 164000	⚙️
👤 Franck Schmitt	📞 160332	👤
Experts SPS	📞 168788	👤
👤 Vitor Martins De Sousa ...	📞 168788	⚙️
👤 Didier Vaxelaire	📞 162498	👤
Experts PS	📞 160949	👤
👤 Didier Chapuis	📞 160949	⚙️
👤 Boris Morand	📞 168756	👤

During normal days, please call the experts

TE-EPC Piquet

Injectors	📞 160391	⚙️
LHC And LHC Experiments	📞 161919	⚙️
SPS And Experimental Areas	📞 163668	⚙️

Coordination

Coordination PS	📞 165711	⚙️
Coordination SPS	📞 164247	⚙️
Coordination LHC	📞 161669	⚙️

SMB Piquet

Electricite: Piquet niveau 1	📞 169090	⚙️
HVAC Chauffage Sanitaires	📞 169000	⚙️

[SMB Dashboard](#)

TI Supervisor

TI Supervisor	📞 167928	⚙️
👤 Ronan Ledru	📞 167928	👤

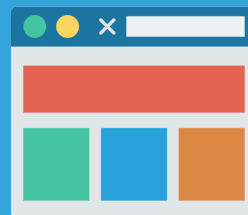
EN-EL Responsibles

LHC1 - LHC1.8 Responsible	📞 162131	👤
👤 Bruno Saint Sulpice	📞 162131	⚙️
LHC2 - LHC3 - LHC4 Responsible	📞 167875	👤
👤 Michael Simon Conway	📞 167875	⚙️
LHC5 - LHC6 Responsible	📞 162951	👤
👤 David Robert Di Lazzaro	📞 162951	⚙️
LHC7 - LHC8 Responsible	📞 164774	👤
👤 Andy Jose Nicolas Hamy	📞 164774	⚙️
SPS Responsible	📞 169841	👤
👤 Denis Ribiollet	📞 169841	⚙️
BE - 400kV - 66kV Responsible	📞 160383	👤
👤 Mickael Lonjon	📞 160383	⚙️
ME59 & West Area Responsible	📞 163750	👤
👤 Jean Juillard	📞 163750	⚙️
ME9, ME10 & Admin responsible	📞 163750	👤
👤 Jean Juillard	📞 163750	⚙️
Preveessin, CCC, BE91, NA Responsible	📞 160383	👤
👤 Mickael Lonjon	📞 160383	⚙️
Meyrin: PS & 513 Responsible	📞 162720	👤
👤 Patrick Rene Gallay	📞 162720	⚙️

EN-EL Piquet

Op: Niveau 1 Pilote	📞 169841	👤
👤 Denis Ribiollet	📞 169841	⚙️
OP Niveau 1	📞 167824	👤
👤 Christophe Yvan Di Bisc...	📞 167824	⚙️
Op: Niveau 1 Formation	📞 167984	👤
👤 Jean-Philippe Vincent	📞 167984	⚙️
Controls: Controls piquet	📞 166391	👤
👤 Anargyros Kiourkos	📞 166391	⚙️
Level 2 : Level 2 piquet	📞 162286	👤
👤 Christian Marc Bernard	📞 162286	⚙️

[EN-EL Dashboard](#)



PLANNING DASHBOARD

Configurable visualisation of Planning data with up to date information of person on duty for a selection of “roles”.



ru

☐ Stable Only Found 31 Elements, 7 Stable **^{88}Ru Ruthenium**

Half life: 1.3 s
Atomic Number: 44
Mass: 87.9415992004
MassExcess: -54400 keV

 ^{89}Ru Ruthenium

Half life: 1.5 s
Atomic Number: 44
Mass: 88.9376163518
MassExcess: -58110 keV

 ^{90}Ru Ruthenium

Half life: 11 s
Atomic Number: 44
Mass: 89.930344164
MassExcess: -64884 keV

 ^{91}Ru Ruthenium

Half life: 9 s
Atomic Number: 44
Mass: 90.9267418867
MassExcess: -68239.5 keV

 ^{92}Ru Ruthenium

Half life: 3.65 m
Atomic Number: 44
Mass: 91.9202343844
MassExcess: -74301.2 keV

 ^{93}Ru Ruthenium

Half life: 59.7 s
Atomic Number: 44
Mass: 92.9171044665
MassExcess: -77216.7 keV

 ^{94}Ru Ruthenium

Half life: 51.8 m
Atomic Number: 44
Mass: 93.9113424332
MassExcess: -82584 keV

 ^{95}Ru Ruthenium

Half life: 1.643 h
Atomic Number: 44
Mass: 94.9104063028
MassExcess: -83456 keV

 ^{96}Ru Ruthenium

Abundance: 5.54 %
Atomic Number: 44
Mass: 95.9075902892
MassExcess: -86079.1 keV

 ^{97}Ru Ruthenium

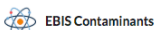
Half life: 2.8370 d
Atomic Number: 44
Mass: 96.9075471327
MassExcess: -86119.3 keV

 ^{98}Ru Ruthenium

Abundance: 1.87 %
Atomic Number: 44
Mass: 97.9052865709
MassExcess: -88225 keV

 ^{99}Ru Ruthenium

Abundance: 12.76 %
Atomic Number: 44
Mass: 98.9059341327
MassExcess: -87621.8 keV



35

/

q

=

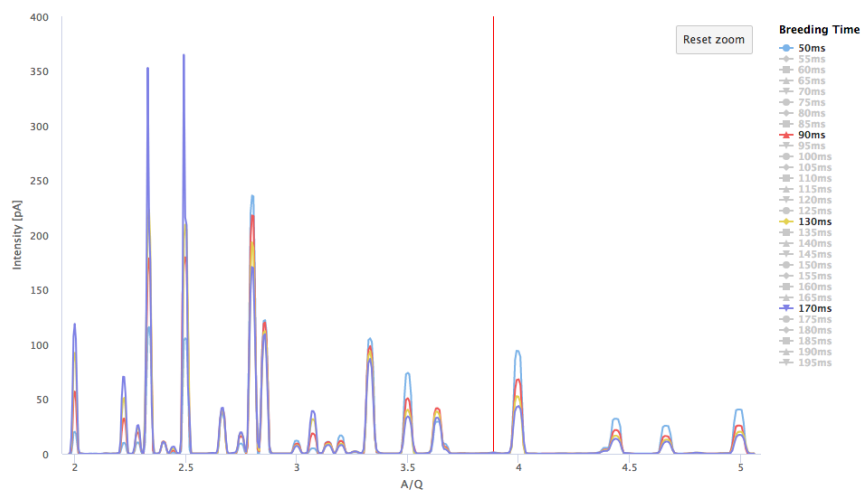
3.88889

±

0.02

☒ Stable Only

Found 1033 Elements, 69 Stable



Highcharts.com

 $^{31}\text{P}^{8+}$ Phosphorus

Atomic Number: 15
Abundance: 100 %
A/Q: 3.87500

 $^{35}\text{Cl}^{9+}$ Chlorine

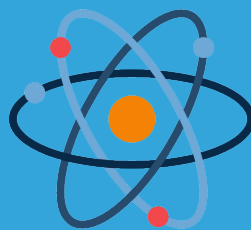
Atomic Number: 17
Abundance: 75.76 %
A/Q: 3.88889

 $^{39}\text{K}^{10+}$ Potassium

Atomic Number: 19
Abundance: 93.2581 %
A/Q: 3.90000

 $^{62}\text{Ni}^{16+}$ Nickel

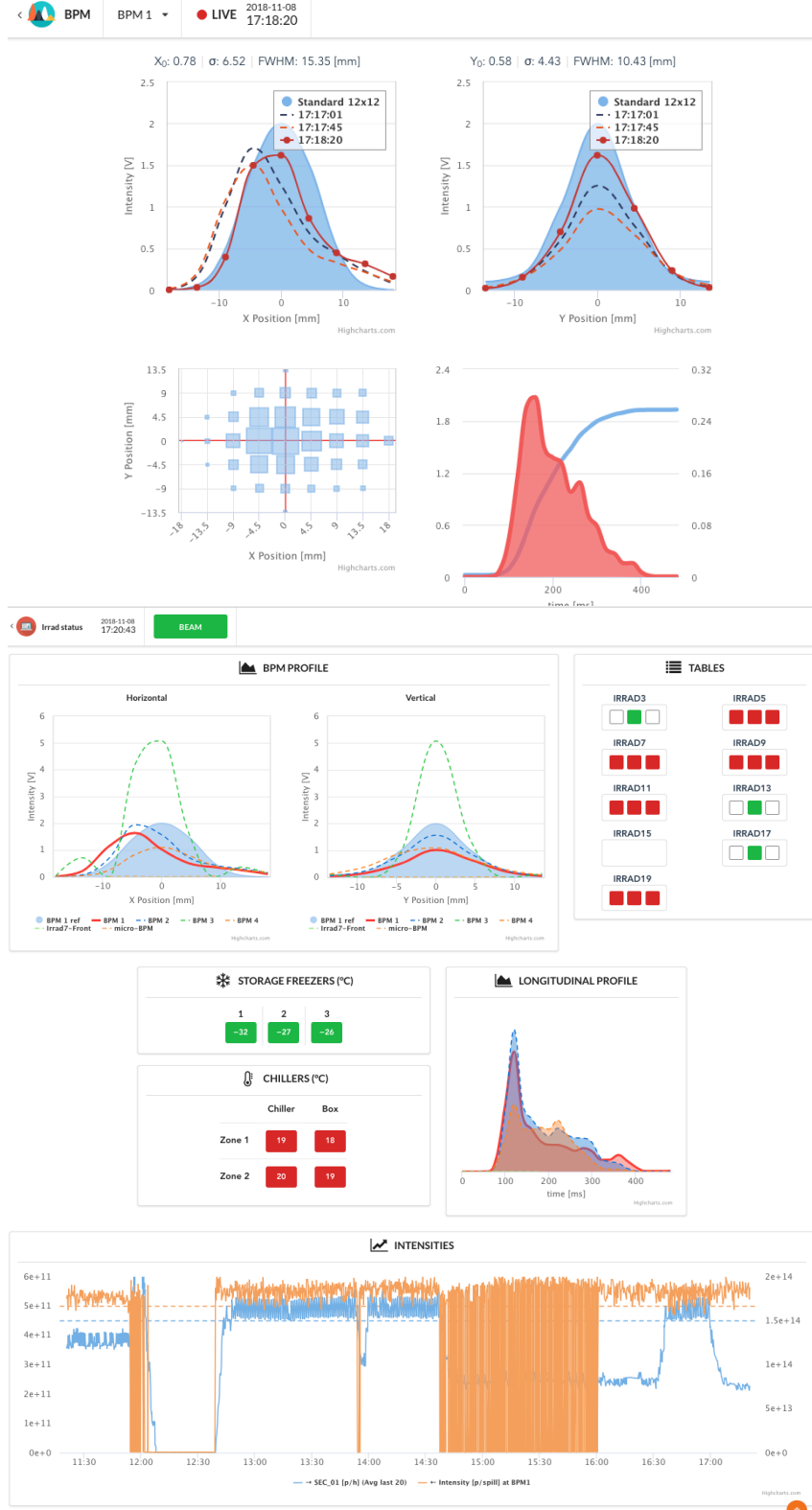
Atomic Number: 28
Abundance: 3.6346 %
A/Q: 3.87500



ISOLDE

Isotope Browser searchable
periodic table of elements.
Data from the International
Atomic Energy Agency (IAEA)

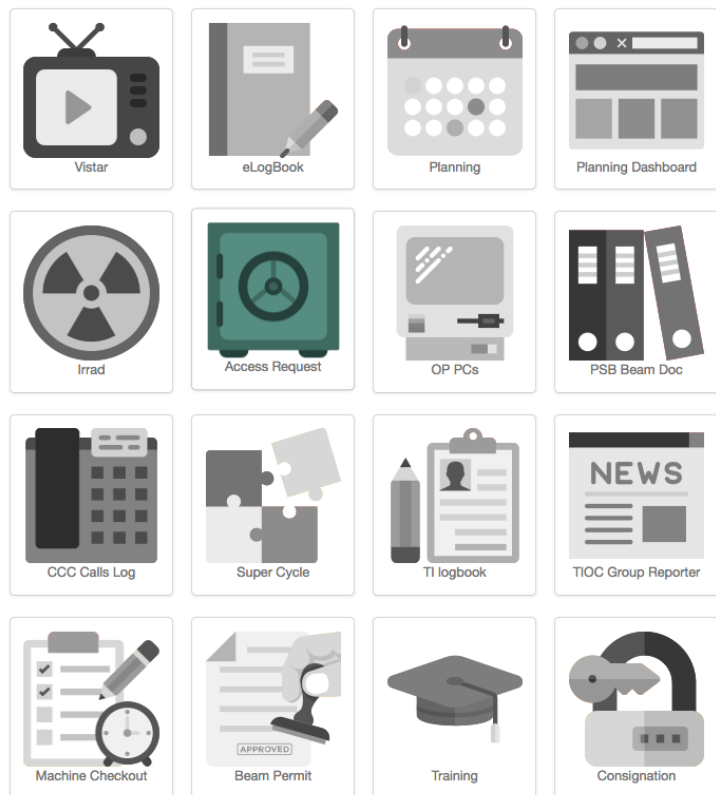
EBIS contaminants interactive
chart of REX EBIS
contaminants with A/Q search
and list of contaminants



IRRAD

“Low Latency” visualisation of data from the Beam Position Monitors of the IRRAD Facility. Custom HW + SW (JAVA) to acquire data and store in ORACLE.

VueJS test projects – 2 Months



ACCESS REQUEST

Simple form to manage access requests in the accelerators during beam interruptions

Access Request TI							Andreas Nes Kile
<input type="text" value="Search users..."/> <input type="text" value="Phone"/> <input type="text" value="Where"/> <input type="checkbox"/> RP <input type="text" value="Duration"/> <input type="text" value="Enter description here..."/> <input type="button" value="✓"/> <input type="button" value="✗"/>							
Date	Requester	Phone	Location	Time	Description	RP	Delete
08 November 2018	Andreas Nes Kile [BE/OP]	+47622457	ISOLDE CC	23m	test	No	<input type="button" value="✗"/>
01 November 2018	Gianluca Usai [EP/UFT]	+41227671028	ATLAS TUNNEL	5m	grvfdw	No	<input type="button" value="✗"/>
01 November 2018	Pedro Vieira De Castro Ferreira Da Silva [EP/CMG]	+41754114169	ATLAS TUNNEL	3m	fedwrec	No	<input type="button" value="✗"/>
01 November 2018	Andreas Nes Kile [BE/OP]		ISOLDE CC	32m	test	No	<input type="button" value="✗"/>
01 November 2018	Emanuele Matli [BE/OP]	+41754117813	ISOLDE CC	3m	dfghjkl	No	<input type="button" value="✗"/>
01 November 2018	Andreas Nes Kile [BE/OP]		ISOLDE CC	32m	testgres	No	<input type="button" value="✗"/>
31 October 2018	Andreas Nes Kile [BE/OP]	+47622457	ATLAS TUNNEL	23m	Testdescription	No	<input type="button" value="✗"/>
31 October 2018	Andreas Nes Kile [BE/OP]	+12345	ATLAS TUNNEL	270m	werty	Yes	<input type="button" value="✗"/>
31 October 2018	Andreas Nes Kile [BE/OP]	+123456	ATLAS TUNNEL	32m	qwertyuolp	No	<input type="button" value="✗"/>
31 October 2018	Andreas Nes Kile [BE/OP]	+123456	ATLAS TUNNEL	3m	qwertyuolp	No	<input type="button" value="✗"/>
31 October 2018	Kilian Schwarz [EP/UAI]	+123456	ATLAS CC	60m	testdescription	No	<input type="button" value="✗"/>
31 October 2018	Andreas Nes Kile [BE/OP]	+123456789	ISOLDE CC	25m	test	No	<input type="button" value="✗"/>
22 October 2018	Andreas Nes Kile [BE/OP]	+12345345	ISOLDE CC	12m	This is a description 2	Yes	<input type="button" value="✗"/>
22 October 2018	Andreas Nes Kile [BE/OP]	+1234	ISOLDE CC	12m	This is a description	Yes	<input type="button" value="✗"/>

Caller	Called	Deliver Time	Duration
↓ 34638415134	72201	08.11.2018 17:17:08	00:19
↓ Christophe Coutinho (BE-ICS-AS)	72201	08.11.2018 16:50:01	00:20
↓ Jean Juillard (EN-EL-OP)	72201	08.11.2018 16:49:31	00:42
↓ Arif Avanoğlu (EN-CV-INJ)	72201	08.11.2018 16:45:43	00:55
↓ 163458	72201	08.11.2018 16:29:11	00:37
↑ 12570461	Alexis Freze (EN-CV-INJ)	08.11.2018 16:26:55	00:47
↑ 12570461	Jean-Marie Vuillat (EN-CV-INJ)	08.11.2018 16:24:17	00:03
↓ 163994	72201	08.11.2018 16:22:26	00:24
↓ Alexandre Pascal Putzu (EN-CV-LHC)	72201	08.11.2018 16:19:42	01:46
↓ Anne-Laure Pietrzak (BE-ICS-AS)	72201	08.11.2018 16:15:39	00:21
↑ 12570461	Alexandre Pascal Putzu (EN-CV-LHC)	08.11.2018 16:13:49	01:25
↓ Halil Ucarli (EN-CV-OP)	72201	08.11.2018 16:04:40	00:31
↓ Thomas Bouyssou (EN-CV-OP)	72201	08.11.2018 15:43:35	00:21
↓ Pascal Pignereau (IT-EXT-SFM)	72201	08.11.2018 15:20:57	01:21
↑ 12570461	Alexis Freze (EN-CV-INJ)	08.11.2018 15:16:07	00:46
↓ Vincent Sebastien Julien (BE-ICS-AS)	72201	08.11.2018 15:14:57	00:21
↓ 160168	72201	08.11.2018 15:04:30	00:48
↓ Cedric Fournier (EP-LBO-DO)	72201	08.11.2018 15:04:17	Not answered
↓ Thierry Olivier (EN-HE-HH)	72201	08.11.2018 15:03:53	01:30
↑ 12570461	Jean Juillard (EN-EL-OP)	08.11.2018 15:00:36	01:23
↓ 164002	72201	08.11.2018 14:49:12	00:32
↓ Vincent Sebastien Julien (BE-ICS-AS)	72201	08.11.2018 14:45:22	00:28
↓ Kevin Grenier (EN-ACE-COS)	72201	08.11.2018 14:36:42	01:24
↑ 12570461	Mickael Lonjon (EN-EL-OP)	08.11.2018 14:35:54	00:46
↓ Hassane Sabri (EN-CV-INJ)	72201	08.11.2018 14:30:38	01:17
↓ 162266	72201	08.11.2018 14:21:53	00:30
↓ David Robert Di Lazzaro (EN-EL-OP)	72201	08.11.2018 14:19:55	00:32
↓ 34638415134	72201	08.11.2018 14:18:09	00:35
↓ 163994	72201	08.11.2018 14:11:19	00:32
↓ 34638415134	72201	08.11.2018 14:02:23	00:37
↓ 162266	72201	08.11.2018 13:49:24	00:42
↓ Anne-Laure Pietrzak (BE-ICS-AS)	72201	08.11.2018 13:48:22	00:20
↓ 163458	72201	08.11.2018 13:30:46	00:48
↑ 72201	Hassane Sabri (EN-CV-INJ)	08.11.2018 13:25:15	05:51
↓ Gregory Smith (BE-ICS-AC)	72201	08.11.2018 11:58:42	00:34
↓ 163994	72201	08.11.2018 11:49:37	00:20
↓ 77423	72201	08.11.2018 11:36:31	00:17
↑ 72201	Alexandre Fournier (EN-CV-OP)	08.11.2018 11:32:23	00:29
↓ Pascal Pignereau (IT-EXT-SFM)	72201	08.11.2018 11:28:54	03:03
↓ Anne-Laure Pietrzak (BE-ICS-AS)	72201	08.11.2018 11:22:56	00:10
↓ Alexandre De Oliveira (BE-ICS-AC)	72201	08.11.2018 11:18:46	01:16
↓ 34638415134	72201	08.11.2018 11:17:27	00:37
↓ Evelin Meoni (EP-UAT)	72201	08.11.2018 11:14:22	01:45
↓ Charline Ranaudo (SMB-SE-HE)	72201	08.11.2018 11:07:40	00:57
↑ 72201	Alexis Freze (EN-CV-INJ)	08.11.2018 11:06:43	00:30



CALL LOG

List of incoming/outgoing calls for CCC.

Recently updated after upgrade of telecom services.

Shared code with TI Logbook.

5

EMATLI

Quick event record – Just say what happen

What do you want to record?

Nov 08, 2018 07:49

Perte faisceau PS

Major fault

Nov 08, 2018 03:18

ALARME REJET PH HAUT WMS-103

Fault

Nov 07, 2018 12:02

passage ventilation TCC8 en mode BEAM demande RP

Event

Nov 07, 2018 09:16

passage en mode accès ventilation tcc8 demande Yann PIRAT RP

Event

Nov 07, 2018 05:54

Perte faisceaux SPS suite perte de communication avec WIC du BA2

Fault

Ongoing works

Work orders

Major and minor

Next access

Events

Nov 08, 2018 17:17

→ In

00:19

34638415134

Nov 08, 2018 16:58

→ In

00:20

164965

CHRISTOPHE COUTINHO (BE-ICS-AS)

Nov 08, 2018 16:49

→ In

00:42

163750

JEAN HENRI ALBERT JUILLARD (EN-EL-OP)

Subject (default: Working on)

Eq

+

Location

Contact

Subject

Location

Bldg.

Site

Contact

Creator

Start date

End date

Working on (UACW2-00233)

EHN1

887

PREVESSIN

162266

TRIFFAUT

Nov 0...

Intervention SIG sur WS-SPS

Z16

224207286

TRIFFAUT

Nov 0...

filtre sable

BA80

889

PREVESSIN

HUCARLI (161364)

GLANGLOI

Nov 0...

Working on (FHCA-610)

SU6

2680

POINT 6 L...

TBOUYSSO (160088)

GLANGLOI

Nov 0...

Working on (EBD210/1E)

SEM11

2160

POINT 1 L...

JSARROPI (166340)

GLANGLOI

Nov 0...

Working on (UARJ-00040)

SR1

2175

POINT 1 L...

JEGARCIN (160311)

GLANGLOI

Nov 0...

Working on (UACW2-00294, UACW2-00293)

BB81

895

PREVESSIN

NELBEKRI (161799)

GLANGLOI

Nov 0...

Working on (SFDIN-00324)

157

157

MEYRIN

JNIVAROS (163732)

GLANGLOI

Nov 0...

Working on (EBD2/2U)

SU21

2280

POINT 2 L...

KCALLEWA (161409)

GLANGLOI

Nov 0...

arret 2 jours (UACW2-00345)

6

6

MEYRIN

AMRTN (168759)

RVALLET

Nov 0...

Working on (SFDIN-00276)

SR5

2575

POINT 5 L...

164291

TRIFFAUT

Nov 0... Nov 0...

Working on (UACW2-00285)

354

354

MEYRIN

34638415134

TRIFFAUT

Nov 0... Nov 0...

Working on (UACV3-00041)

BG811

909

PREVESSIN

163994

TRIFFAUT

Nov 0... Nov 0...

Working on (SFDIN-00331)

513

513

MEYRIN

ABOURACH (164885)

RVALLET

Nov 0... Nov 0...

Working on (UACW2-00229)

EHN1

887

PREVESSIN

162266

TRIFFAUT

Nov 0... Nov 0...

Working on (UACV3-00049, UUW1-00097)

297

297

MEYRIN

163458

GLANGLOI

Nov 0... Nov 0...

Working on (FSTI-00004)

CT2

893

PREVESSIN

163994

GLANGLOI

Nov 0... Nov 0...

Working on (EMD412/8E, EMD413/8E)

SEM8

2860

POINT 8 L...

SERHARDT (163582)

GLANGLOI

Nov 0... Nov 0...

Working on (FWEC-00070, UACV1-00097, UACV1-00108)

354

354

MEYRIN

34638415134

GLANGLOI

Nov 0... Nov 0...

Working on (UACW2-00234)

EHN1

887

PREVESSIN

162266

GLANGLOI

Nov 0... Nov 0...

ventilation

SUX8

2882

POINT 8 L...

164002

GLANGLOI

Nov 0... Nov 0...

Working on (SFDIN-00334)

180

180

MEYRIN

CCOUTINH (164965)

GLANGLOI

Nov 0... Nov 0...

Working on (UACV1-00042)

358

358

MEYRIN

163458

GLANGLOI

Nov 0... Nov 0...

Working on (SESEV-00224)

157

157

MEYRIN

JNIVAROS (163732)

GLANGLOI

Nov 0... Nov 0...

Working on (SFDIN-00331)

513

513

MEYRIN

ABOURACH (164885)

GLANGLOI

Nov 0... Nov 0...

groupes indispo until friday

SES4

2460

POINT 4 L...

AGUEHO (163669)

GLANGLOI


Nov 0... Nov 0...



TI LOGBOOK

Used 24/7 by TI operators
Integrates/interacts with
many external services and
data sources (ticketing,
telecom, IMPACT, EDMS, AFT,
Logbook, alarms...) via DB
view, DB procedures, SOAP,
REST, ElasticSearch...

PHP + Angular 1

	LHC Tunnel	SPS Ring	BA7 TT61 HiRadMat	BA80	PS-Ring PS-Swyt TT2	PS Booster	LINAC2	LINAC4	AD-Target	nTOF TFP TFT	East Hall EA1 EA2
"BE-ABP"	108963	89555	89605	89667	109039	106411	106287	106454	73509	109076	109155
"BE-ASR"	108962	89560	89606	89673	109040	106413	106288	106456	73510	109077	109158
"BE-BI"	108929	89559	89602	89666	109041	106414	106289	106457	73511	109078	10915
"BE-CO"	108942	89483	89502	89664	109042	106417	106290	106458	73512	109079	109160
"BE-ICS"	108961	89548	89516	89645	109043	106416	106318	106459	95999	112704	109162
"BE-OP"	108908	89274	89277	89278	109091	106418	106319	106460	96012	107490	109163
"BE-RF"	108941	89558			109047	106419	106324	106462	110907		
"EN-ACE"	108938	89553	89519	89650	109048	106421	106325	106463	73520	109083	109169
"EN-CV"	108934	89554	89522	89661	109073	106422	106396	106464	73516	109074	109075
"EN-HDO"	108940	89492	89504	89620	109052	106437	106327	106465	73518		
"EN-EA"					109053					109086	109219
"EN-EL"	106547	89566	89521	89658	109054	106438	106328	106466	89746	109087	109201
"EN-HE"	108944	89568	89520	89659	109055	106439	106330	106468	73519	109097	109202
"EN-STI"	108936	89551	89518	89649	109056	106440	106332	106469	73521	109099	109203
"HSE-FB"	108957	89501	89609	89647	109057	106441	106333	106470	80932	109101	109204
"HSE-RP"	108949	89567	89612	89670	109058	106442	106334	106471	73514	109102	112506
"HSE-SEE"	108958	89494	89505	89629	109059	106443	106335	106472	73515	109103	109207
"IT-CS"	108959	89534	89514	89635	109060	106444	106336	106473	73525	109104	109208
"SMB-SE"	108945	89536	89515	89643	109062	106445	106338	106474	73524	109106	109209
"TE-ABT"	108950	89533	89512	89634	109066	106446	106339	106475	73526	109107	109210
"TE-CRG"	108947	89500									
"TE-EPC"	108953	89495	89511	89633	109067	106447	106340	106476	73527	109109	109212
"TE-HDO"	108952	89499	89510	89617	109068	106448	106342	106477	73528	109111	109214
"TE-MPE"	108955	89498	89503	89615	109069	106449	106343	106478	73529	109112	109215
"TE-MSD"	108954	89497	89507	89632	109070	106450	106344	106479	73530	109113	109217
"TE-VSD"	108956	89496	89506	89630	109071	106451	106345	106480	73531	109115	109218

Menu

Create Activity

Activities
 Favourite Activities
 Activity Scheduler
 Activity Clusters
 DIMRs
 WDPs
 VICs
 Lockouts
 Fire Permits
 IS37s
 Dashboard (Beta)

Opened Forms

Activity 106456 - LIN... X

Reports

Radiation Doses
 Access Control
 Locations

Facility Administration

Role Assignments
 Intervention Periods

106456 - In progress

Created by FABRICE CHAPUIS on 09-Jan-2018 10:5...

Save Refresh Clone Split

Change Requests See Workflow Attachments (0) View History Download P...

Title*: LINAC4-BE-ASR-STD-RUN-2018
 Responsible*: MARC TAVLET
 Activity Cluster: [Link](#)

Facility*: LINAC 4
 Activity Type*: Inspection
 Priority*: Anytime

What

Where

When

Who

How

Safety

RP Assessment

Tests

Comments

Work Orders

Inconst.

Info Lines

- What -

Description*: Intervention on request of CCC.
 Linac4

System*: S - General Safety

- Where -

Locations:

Location: 410/UO-002 : Linac4 tunn
 Access points:

YEA01.LIN4=4001x

[Show all locations](#)

Comments: Linac4

Impacted Facilities:

No impacted facilities identified for the activity

- When -



**Simplified Matrix view of
OP related IMPACTS with
with single-click
Interrupt / Activate with
service account via the
IMPACT API.**

PC Management Tool

Search

Surname: Matti

DeviceName: Surname: Location: FirstName: OutletID: PersonID: SerialNumber: ResponsibleDepGroup: Tag: UserResponsibleDepGroup: InventoryNumber: OperatingSystem: Search

Results

PC Management Tool

Search

Results

DeviceName	Tag	Model	User	Responsible	Description	Year
BORGE-LAPTOP		LENOVO THINKPAD X1 CARBON	NIELSEN BORGE SVANE	NIELSEN BORGE SVANE		2018
FLOHRLAPTOP		UNKNOWN UNKNOWN	NIELSEN CHRISTIAN FLOHR	NIELSEN CHRISTIAN FLOHR		2018
JESPER-IPHONE-XS		UNKNOWN UNKNOWN	NIELSEN JESPER	NIELSEN JESPER		2018
LNIE		UNKNOWN UNKNOWN	NIELSEN LEONARD	NIELSEN LEONARD		2018
LNIELSEN-XS		UNKNOWN UNKNOWN	NIELSEN LARS HOLM	NIELSEN LARS HOLM		2018
NA63		UNKNOWN UNKNOWN	NIELSEN CHRISTIAN FLOHR	NIELSEN CHRISTIAN FLOHR		2018
HGHGVDGCFVH		UNKNOWN UNKNOWN	NIELSEN DANIEL STEFANIAK	NIELSEN DANIEL STEFANIAK		2017
JESPERVMWIN	OPENSTACK VM	KVM VIRTUAL MACHINE	NIELSEN JESPER	NIELSEN JESPER		2017
KRISTOFFERBESTED		UNKNOWN UNKNOWN	NIELSEN KRISTOFFER BESTED	NIELSEN KRISTOFFER BESTED		2017
LARS-IPHONE7		UNKNOWN UNKNOWN	NIELSEN LARS HOLM	NIELSEN LARS HOLM		2017
LNIELSEN-MBP15		APPLE MACBOOK PRO 15	NIELSEN LARS HOLM	NIELSEN LARS HOLM		2017
MACBE16788	BE-OP-OFFICE-TI	APPLE MACBOOK PRO 15 2.8GHZ	NIELSEN JESPER	BTE-ADM E-GROUP	MAG:695920	2017
MOBILE-2939	BE-OP-OPERATION	SIEMENS PLC	NIELSEN JESPER	MASRIE SABRI	SIM FOR REMOTE SENSOR BOX FOR BE-OP-TI	2017
CWO-CCC-C7LF	BE/CO	DELL INC. OPTIPLEX 9020	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	TI LINUX CONSOLE ON THE TABLE 7 - 3 SCREENS	2016
CWO-CCC-C7LS	BE/CO	DELL INC. OPTIPLEX 9020	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	LHC LINUX CONSOLE ON TABLE 7	2016
CWO-CCC-C8LS	BE/CO	DELL INC. OPTIPLEX 9020	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	LHC LINUX CONSOLE ON TABLE 8	2016
JESPERPC10		UNKNOWN UNKNOWN	NIELSEN JESPER	NIELSEN JESPER		2016
SISSSEL		UNKNOWN UNKNOWN	NIELSEN SISSSEL BAY	NIELSEN SISSSEL BAY		2016
SOFIEPC		UNKNOWN UNKNOWN	NIELSEN SOFIE TILBAEK	NIELSEN SOFIE TILBAEK		2016
SOFIETLF		UNKNOWN UNKNOWN	NIELSEN SOFIE TILBAEK	NIELSEN SOFIE TILBAEK		2016
TELEPHONE-71807		HP 4120	NIELSEN JESPER	NIELSEN JESPER		2016
ATV-GLASSBOX		APPLE TV	NIELSEN JESPER	NIELSEN JESPER		2015
CWO-CCC-C5LS	BE-OP-OPERATION	HP HP ELITEDESK 800 G2 TWR	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	TI LINUX CONSOLE ON TABLE 5 WITH 2 WALL SCREENS	2015
FGFDGDFDGD		LENOVO Y50-70	NIELSEN DANIEL STEFANIAK	NIELSEN DANIEL STEFANIAK		2015
JESPERIPHONE6		APPLE IPHONE 6	NIELSEN JESPER	NIELSEN JESPER		2015
PCBE16152	BE-OP-OPERATION	DELL INC. OPTIPLEX 9020	NIELSEN JESPER	BTE-ADM E-GROUP	TI CONSOLE FOR PSEN, LASER, TIM ON TECHNICAL NETWORK	2015
TELEPHONE-73780		HP 4120	NIELSEN JESPER	NIELSEN JESPER	TI OFFICE PHONE	2015
JESPERPHONE		SAMSUNG GALAXY	NIELSEN JESPER	NIELSEN JESPER		2014
LNIELSEN		APPLE IPHONE 6	NIELSEN LARS HOLM	NIELSEN LARS HOLM		2014
RASPBERRYNIELSEN2	BE-OP-PRIVATE	RASPBERRY PI B	NIELSEN JESPER	NIELSEN JESPER		2014
TELEPHONE-70440	BE/OP	ALCATEL IP TOUCH 4028	NIELSEN JESPER	NIELSEN JESPER		2014
TIOPS4		SANSUNG GT-P3110	NIELSEN JESPER	NIELSEN JESPER	TIOP PHONE	2014
CWO-65-TIOP1	BE/CO	HEWLETT-PACKARD HP COMPAQ ELITE 8300 SFF	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	TI LINUX CONSOLE	2013
CWO-65-TIOP2	BE/CO	HEWLETT-PACKARD HP COMPAQ ELITE 8300 SFF	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	TI LINUX CONSOLE	2013
CWO-65-TIOP3	BE/CO	HEWLETT-PACKARD HP COMPAQ ELITE 8300 SFF	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE E-GROUP	TI LINUX CONSOLE	2013
CWO-65-TIOP4	BE/CO	DELL INC. OPTIPLEX 7050	NIELSEN JESPER	ACC-ADM E-GROUP	TI WINDOWS CONSOLE	2013
CWO-CCC-CN E	BE-OP-OPERATION	DELL INC. OPTIPLEX 9020	NIELSEN JESPER	ACC-CONSOLE-RESPONSIBLE	TI LINUX CONSOLE ON THE TABLE 9	2013



OP PC

Interface to
NetworkServices via
SOAP service.
Used to manage PCs in
OP groups.

Machine Checkout

SPS

▶ PREREQUISITES

▼ HARDWARE TESTS

▶ TT10 TRANSFER

▶ SPS RING

▼ NORTH EXTRACTION

EXTRACTION BUMPERS

DIFFUSER

ELECTRO STATIC SEPTA

MAGNETIC SEPTA

EXTRACTION SEXTUPOLES

NOT USED PC

MINI SCAN

GRID

BTV

OBSTACLES

▶ EAST EXTRACTION

▶ WEST EXTRACTION

▶ T2 TRANSFER

▶ T4 TRANSFER

▶ T6 TRANSFER

▶ T10 TRANSFER

▶ AWAKE ELECTRON TRANSFER

▶ AWAKE TRANSFER

▶ HIRADMAT TRANSFER

▶ TI2 TRANSFER

▶ TI8 TRANSFER

▶ SPECIAL APPLICATIONS

▶ MACHINE PROTECTION

▶ SPECIAL OPERATION

▶ BEAM COMMISSIONING

▶ SOFTWARE INTERLOCKS

1 power permit

2 check equip state control

3 pc following function

4 load different function

5 heat run

6 polarity check

7 check with current clamp

1 MPSH2120

2 MPSV2130

3 MPLH2142

4 MPSV2150

5 MPNH2173

6 MPLH2199

7 MPSV2210

8 MPLH2219

9 MPSV2230

+

Add Test

Remove All

+

Add Target

Remove All

Machine Checkout

SPS

1 power permit

2 check equip state control

3 pc following function

4 load different function

5 heat run

6 polarity check

7 check with current clamp

1 MPSH2120

2 MPSV2130

3 MPLH2142

4 MPSV2150

5 MPNH2173

6 MPLH2199

7 MPSV2210

8 MPLH2219

9 MPSV2230

+

Add Test

Remove All

+

Add Target

Remove All

	power permit	check equip state control	pc following function	load different function	heat run	polarity check	check with current clamp
MPSH2120							
MPSV2130							
MPLH2142							
MPSV2150							
MPNH2173							
MPLH2199							
MPSV2210							
MPLH2219							
MPSV2230							

MACHINE CHECKOUT

Interface to manage test to be performed before start up of accelerators.

Test+Targets organised in tree like structure.

ASM integration (via DB view) for planning.

Improvements for LS2 to be discussed with re-commissioning coordinators.


Interest from Los Alamos Neutron Science Center (LANSCE)

Beam Permit

CPS Beam Permits

Emanuele Matli

AD RING Beam Permit Approved	AD TARGET Beam Permit Approved	BOOSTER Beam Permit Approved	CERN-MEDICIS - permit (Sectors S1, S2, S3) CERN-MEDICIS permit approved
EAST AREA (EA1) Beam Permit Approved	IRRAD & CHARM (EA2) Beam Permit Approved	ISOLDE Target Beam Permit Approved	LEIR Beam Permit Approved
LINAC 2 Beam Permit Approved	LINAC 4 Beam Permit Approved	PS RING Beam Permit Approved	SWITCHYARD Beam Permit Approved
TT2 & nTOF Primaire Beam Permit Approved	nTOF TARGET Beam Permit Approved		



BEAM PERMIT

Display status of EDMS Safety documents for Beam/Hardware Permits

LINAC 4 - Beam Permit (EDMS)

✓ Access System functionality

✓ Shutdown works complete

✓ BE DSO Tests

✓ Recommissioning phase complete

✓ Linac 4 Patrol

✓ Radiation Protection

✓ Accepted

✗ Rejected

⚠ Accepted with Warnings

❓ Signature skipped

📁 Not signed yet

TI section Classroom



Gildas Langlois

- TI operator junior Presentation CERN

 - ☒ CERN CONTROL CENTRE "From the LINAC to the LHC"
 - ☒ Super Proton Synchrotron - Introduction
 - ☒ LHC the guide
 - ☒ Le complexe d'accélérateurs
- TI operator junior Water Cooling Ventilation

 - ☒ Ventilation - Présentation générale
 - ☒ L'eau au CERN - Présentation et généralités
 - ☒ L'eau au CERN- L'eau déminéralisée
 - ☒ reject water sump pumps
 - ☒ Reject water monitoring stations
 - ☒ Description synthétique cooling ventilation chaîne pré-accelérateur (LINAC 2 & 3 + LEIR)
 - ☒ PS VENTILATION (SYSTEM OVERVIEW)
 - ☐ Cooling - SPS
 - ☒ Cooling - ventilation - AC - LHC 1
 - ☐ Cooling - Ventilation - LHC 18 Batiments STP18
 - ☒ Cooling - Ventilation - AC - LHC 2
 - ☒ Cooling - ventilation - AC - LHC 4
 - ☒ Cooling - Ventilation - AC - LHC 5
 - ☒ Cooling - ventilation - AC - LHC 6
 - ☒ Cooling - 513



TRAINING

Documents stored in EDMS.
Courses grouped in trainings.
“Teacher” assigns trainings or individual courses to trainee(s), sets deadlines, assigns validators to approve training (optional) and follows progress.

[illegible]

CONSIGNATION

**Searchable table
displaying informations
about the “consigned”
electrical elements.
Data provided by EPC.
GIS integration for rack
localisation.**



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My Settings

Contact info

Private email...

Private phone...

Private landline...

Planning



Desiderata

Default Compensation

On Call

☐ Money

☒ Leave

☒ Allow displaying EDH Holidays in Planning

(EDH Holidays will be limited to 6 months in the past and 1 year in the future and will not carry any information about the leave type)

Subscription link

<https://op-webtools.web.cern.ch/planning/backend/calendar/ical.php?auth=X7k0rVQa>



Select Roles you want to subscribe to:

☒ ISOLDE Supervisor

☒ Backup



PREFERENCES

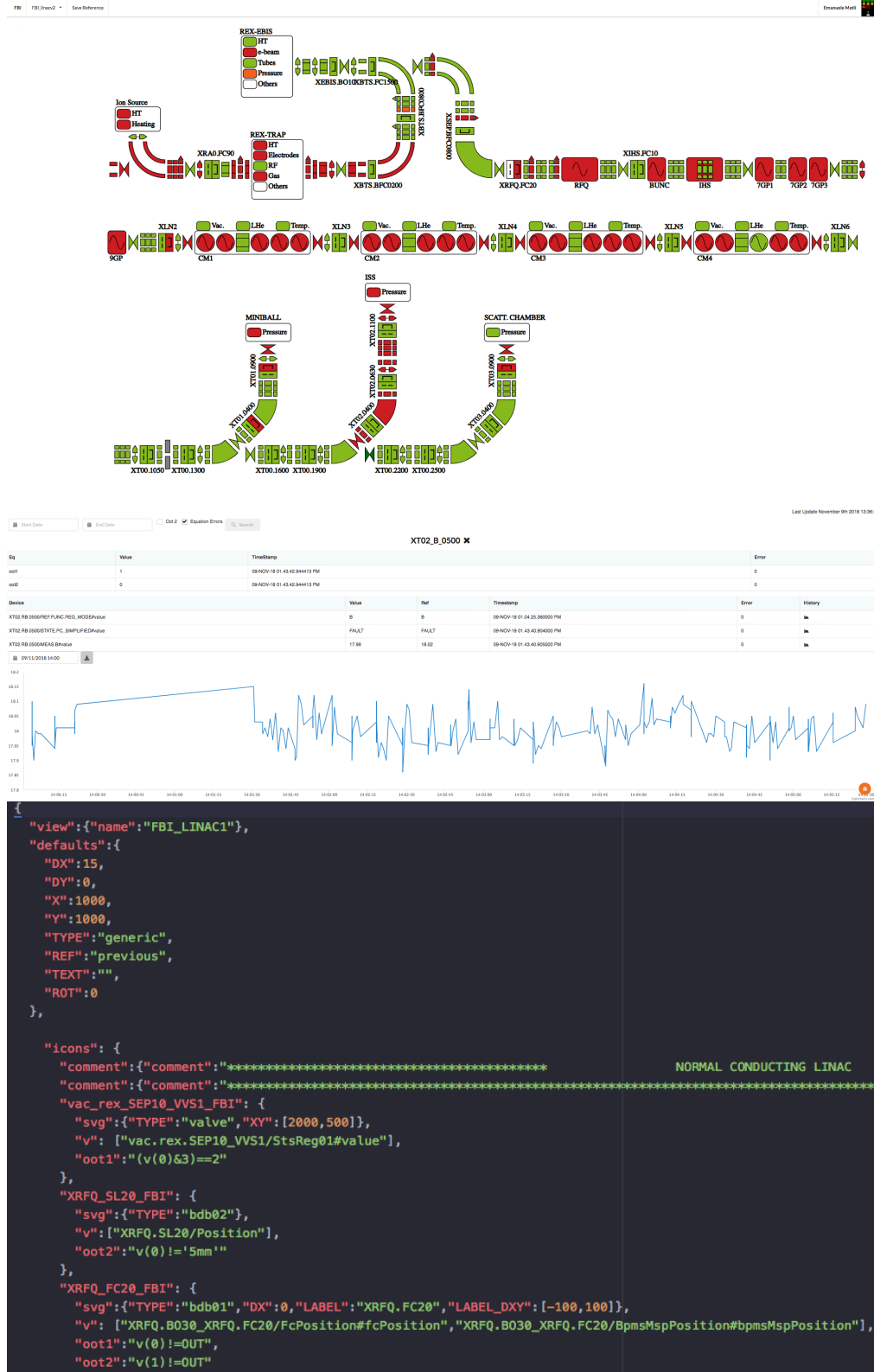
General preferences
(private phone, picture...)
required by GDPR.

Planning application.

TODO

Vistar
Logbook

...



FBI: FAST BEAM INVESTIGATION

SCADA like interface to monitor ISOLDE and HIE.

Configuration “Master” file (JSON).

Programmatic generation of SVG (Mathlab) and DB configuration: devices to subscribe and rules to compute icon status (JAVA)