

# Safety – Fire Brigade

Venla Raussi and Pan Yi Tran



# Fire Brigade



- 7 Fire officers, 48 Firefighters + support members
- 2 ambulances
- 2 fire trucks





6x6 → 7

# SCR – Safety Control Room



- Ensure the safety of CERN by monitoring alarm detectors
- They receive level 3 alarms, 74444 and 74848 calls
- 35 000 alarms per year
- 8000 emergency calls per year
- 3000 operations per year
- There is always at least one person in the SCR







Alarme niveau 3	0	0	0	0
Hors service	0	0	0	0
En test	0	0	0	0
En maintenance	0	0	0	0

CERN

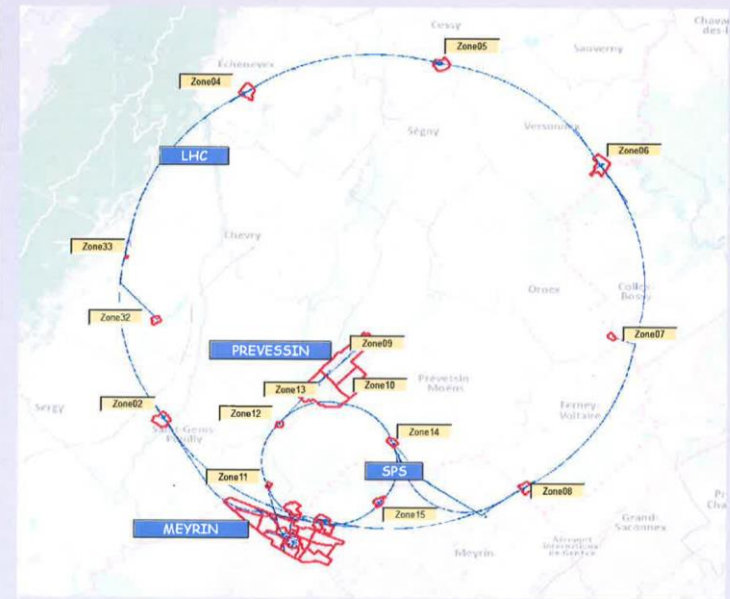
OPERATEUR : SCR	17/10/19
POSTE : STCSAM_SCR2	14:22:13



Alarme niveau 3	0	0	0	0
Hors service	0	0	0	0
En test	0	0	0	0
En maintenance	0	0	0	0

Historique Alarmes niveau 3

OPERATEUR : SCR	
POSTE : STCSAM_	



MEYRIN		SPS		LHC	
Zone19	0	Zone11	0	Zone01	0
Zone20	0	Zone12	0	Zone02	0
Zone21	0	Zone14	0	Zone04	0
Zone22	0	Zone15	0	Zone05	0
Zone23	0	Zone16	0	Zone06	0
Zone24	0	Zone17	0	Zone07	0
Zone25	0			Zone08	0
Zone26	0	PREVESSIN		Zone18	0
Zone27	0	Zone09	0	Zone32	0
Zone28	0	Zone10	0	Zone33	0
Zone29	0	Zone13	0		
Zone30	0				
Zone31	0				
Zone34	0				



Filtre d'historique

Alarme niveau 3    Hors service    Tests

Date heure	Localisation	Type	Source	Capteur	Libellé
17/10/2019 13:56:37	PRE Zone10 *	GEN	CSAC	PLC10	ALARME GENERALE ZONE 10
17/10/2019 13:56:50	PRE Zone10 892-892	EV	SFDIN-00310	SFDIN-00310	EVACUATION BAT 892
17/10/2019 13:56:50	PRE Zone10 892-892	EV	SFDIN-00310	SFDIN-00310	EVACUATION BAT 892
17/10/2019 13:56:51	PRE Zone10 *	GEN	CSAC	PLC10	ALARME GENERALE ZONE 10
17/10/2019 13:56:51	PRE Zone10 *	GEN	CSAC	PLC10	ALARME GENERALE ZONE 10
17/10/2019 13:56:53	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02230	EVACUATION
17/10/2019 13:56:53	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02230	EVACUATION
17/10/2019 13:56:55	PRE Zone10 892-892 1-201	EV	SFDIN-00310	SFBGL-02229	EVACUATION
17/10/2019 13:56:55	PRE Zone10 892-892 1-201	EV	SFDIN-00310	SFBGL-02229	EVACUATION
17/10/2019 13:56:57	PRE Zone10 892-892 1-201	EV	SFDIN-00310	SFBGL-02228	EVACUATION
17/10/2019 13:56:57	PRE Zone10 892-892 1-201	EV	SFDIN-00310	SFBGL-02228	EVACUATION
17/10/2019 13:56:59	PRE Zone10 892-892 1-201	EV	SFDIN-00310	SFBGL-02227	EVACUATION
17/10/2019 13:56:59	PRE Zone10 892-892 1-201	EV	SFDIN-00310	SFBGL-02227	EVACUATION
17/10/2019 13:57:45	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02231	EVACUATION
17/10/2019 13:58:30	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02232	EVACUATION
17/10/2019 13:59:14	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02233	EVACUATION
17/10/2019 14:01:49	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02233	EVACUATION
17/10/2019 14:01:49	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02232	EVACUATION
17/10/2019 14:01:51	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02232	EVACUATION
17/10/2019 14:01:51	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02231	EVACUATION
17/10/2019 14:01:53	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02231	EVACUATION
17/10/2019 14:04:00	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02230	EVACUATION
17/10/2019 14:04:00	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02231	EVACUATION
17/10/2019 14:04:00	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02232	EVACUATION
17/10/2019 14:04:00	PRE Zone10 892-892 2-201	EV	SFDIN-00310	SFBGL-02233	EVACUATION
17/10/2019 14:04:14	PRE Zone10 892-892	EV	SFDIN-00310	SFDIN-00310	EVACUATION BAT 892
17/10/2019 14:04:18	PRE Zone10 *	GEN	CSAC	PLC10	ALARME GENERALE ZONE 10
17/10/2019 14:19:24	SPS Zone16 873-BA6	F	SXSPR-00562	SXSPR-00562	ALARME FEU SPRINKLER L55
17/10/2019 14:19:24	SPS Zone16 *	GEN	CSAC	PLC16	ALARME GENERALE ZONE 16
17/10/2019 14:20:25	SPS Zone16 *	GEN	CSAC	PLC16	ALARME GENERALE ZONE 16
17/10/2019 14:20:25	SPS Zone16 *	GEN	CSAC	PLC16	ALARME GENERALE ZONE 16
17/10/2019 14:20:27	SPS Zone16 873-BA6	F	SXSPR-00562	SXSPR-00562	ALARME FEU SPRINKLER L55
17/10/2019 14:20:27	SPS Zone16 873-BA6	F	SXSPR-00562	SXSPR-00562	ALARME FEU SPRINKLER L55
17/10/2019 14:21:22	SPS Zone16 873-BA6	F	SXSPR-00562	SXSPR-00562	ALARME FEU SPRINKLER L55
17/10/2019 14:21:25	SPS Zone16 *	GEN	CSAC	PLC16	ALARME GENERALE ZONE 16

Vue d'alarmes    Historique    Courbes    Mesures    Actions



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# Safety inspection: Ambulance



Procedure		
SAFETY INSPECTION PLAN - AMBULANCE		
<b>Abstract</b>		
The ambulance was introduced to us by Julien Allemand. We found out how often the equipment needed to be checked and replaced in the ambulance. The equipment in the ambulance included the Red Intervention Bag, the Blue Intervention Bag, the Yellow Bag, the Stretcher, oxygen bottles, Corpuls, Vacuum Suction Unit and the ambulance compartments. In this document, all the equipment and the frequency of their checks and inspections are listed.		
<b>DOCUMENTATION</b>		
<b>Reference documents:</b> [X]		
<b>TRACEABILITY</b>		
<b>Reference No.:</b>	<b>EDMS No.:</b> XXXXXXXX rev. X	
<b>Prepared by:</b> S. Name(s)	<b>Date:</b> dd/mm/yyyy	
<b>Verified by:</b> KITTI LAI (HSE-FB-SIN) Rui Samoes Fernandes Lopes (HSE-FB-SIN)	<b>Date:</b> dd/mm/yyyy	
<b>Approved by:</b> FB Management Team, Matti Tiirakari (HSE-FB)	<b>Date:</b> dd/mm/yyyy	
<b>Distribution:</b> to be defined (visibility: CERN)		
<b>Rev. No.</b>	<b>Date</b>	<b>Description of Changes</b>

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- INTRODUCTION**  
Here are the equipment found in the ambulance and the information on how often they should be checked and replaced.
- RED INTERVENTION BAG**  
The Red intervention bag contains different kits for different purposes such as: intubation, perfusion, diagnostics etc.  
The red intervention bag in the ambulance has to be checked once every day. The equipment in the bag needs to be checked and broken or expired equipment needs to be replaced.  

- BLUE INTERVENTION BAG**  
The Blue intervention bag in the ambulance has to be checked once every day. The equipment in the bag needs to be checked and broken equipment needs to be replaced.  

- YELLOW BAG**  
The Yellow bag contains first aid kits for more severe accidents and color coded tags (for different levels or severity of the injuries) for the injured.  
The yellow bag can be checked approximately once a month.

- AMBULANCE COMPARTMENTS**  
The ambulance compartments need to be checked once every day. All the equipment need to be on the correct side and the correct compartment.
- SUMMARY**

	DAILY	MONTHLY	ANNUAL INSPECTION
RED INTERVENTION BAG	X		
BLUE INTERVENTION BAG	X		
YELLOW BAG		X	
OXYGEN BOTTLES	X		
CORPULS	X		X
STRETCHER	X		X
VACUUM SUCTION UNIT		X	
EVACUATION CHAIR			X
AMBULANCE COMPARTMENTS	X		



# Ambulance materials management



- We updated the asset data on the Infor EAM database



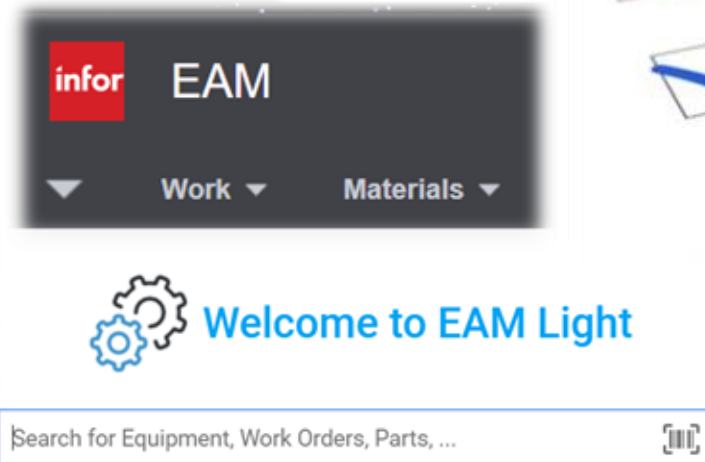
Welcome to EAM Light

Search for Equipment, Work Orders, Parts, ...



# Checklist for the SCR

- The SCR checklist is used to ensure that all the relevant equipment in the SCR is present and working
- Currently, there is only one SCR checklist
  - We created 10 new checklists from the old one to make the checklist process more efficient and easy



# VERIFICATION SCR

Performed by

Période:

## ADMINISTRATION GENERALE

	JOUR	NUIT
Tableau blanc, feutres:	<input type="checkbox"/>	<input type="checkbox"/>
Casiers Zones 1 - 34:	<input type="checkbox"/>	<input type="checkbox"/>
Présence de check list SCR de la veille	<input type="checkbox"/>	
Manuel Opérateur SCR	<input type="checkbox"/>	<input type="checkbox"/>

## TRANSMISSION

	JOUR	NUIT
Test Ligne 74848:	<input type="checkbox"/>	<input type="checkbox"/>
Essai Pupitre Radio:	<input type="checkbox"/>	
Présence Casque Main Libre (Poste 1 et 2):	<input type="checkbox"/>	<input type="checkbox"/>
Présence CFRS 1:	<input type="checkbox"/>	<input type="checkbox"/>
Présence CFRS 2:	<input type="checkbox"/>	<input type="checkbox"/>
Présence CFRS 3:	<input type="checkbox"/>	<input type="checkbox"/>
Présence CFRS 4:	<input type="checkbox"/>	<input type="checkbox"/>

## SYSTEME CSAM

	JOUR	NUIT
Tableau LED CSAM:	<input type="checkbox"/>	<input type="checkbox"/>
Test Ligne 74444:	<input type="checkbox"/>	<input type="checkbox"/>

Test Téléphone Rouge:	<input type="checkbox"/>	<input type="checkbox"/>
Poste Informatique CSAM SCR 1:	<input type="checkbox"/>	<input type="checkbox"/>
Poste Informatique CSAM SCR 2:	<input type="checkbox"/>	<input type="checkbox"/>
Papier Dans Imprimante CSAM:	<input type="checkbox"/>	<input type="checkbox"/>
Papier Dans Imprimante 65-R002-CANON:	<input type="checkbox"/>	<input type="checkbox"/>

## INFORMATIQUE - BUREAUTIQUE

	JOUR	NUIT
écran Contrôle Vidéo:	<input type="checkbox"/>	<input type="checkbox"/>
PC1 / SharePoint:	<input type="checkbox"/>	
PC1 / Logbook Alarme en Maintenance	<input type="checkbox"/>	
PC1 / Logbook IS37 en Cours:	<input type="checkbox"/>	

## TOUS LES LUNDIS

	JOUR	NUIT
Réponse Sur Canal Catastrophe ( 7:30 )	<input type="checkbox"/>	
Essai Ligne SSA:	<input type="checkbox"/>	
Essai Ligne SIS:	<input type="checkbox"/>	
Essai Ligne CODIS 01:	<input type="checkbox"/>	
Mettre à jour la plaquette du Piquet Radioprotection en accordance avec l'information de la page Shift:		<input type="checkbox"/>

## TOUS LES LUNDIS ET VENDREDIS SOIRS (ENTRE 19:30 ET 20:30)

	JOUR	NUIT
Appel Piquets Pour Essai		<input type="checkbox"/>

## TOUS LES SAMEDIS MATINS

	JOUR	NUIT
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# Routine Tasks

## SCR checklist

[+ new item](#)

All Items

✓	Period	Any problems with the inventory ?	Additional comments:	Modified	Modified By
	JOUR	Oui	Only one head set, no video screens, piquet 3 in use.	9 hours ago	<input type="checkbox"/> Gunther Schoenwerth
	NUIT	Non	CFRS 2 Bowles CFRS 4 Chambolle	Yesterday at 19:44	<input type="checkbox"/> Vaclav Lhota
	JOUR	Oui	Only one head set, piquets 1 and 3 in use, No video screens and no check list from last night.	Yesterday at 07:38	<input type="checkbox"/> Gunther Schoenwerth
	JOUR	Non	Missing CFRS 1	Tuesday at 07:22	<input type="checkbox"/> Vaclav Lhota
	NUIT	Oui	CFRS 1 Pedrosa CFRS 3 Thomson Manque 1 Casque Main libre	Monday at 19:24	<input type="checkbox"/> Ian Robert Graham Allen
	JOUR	Non		Monday at 07:47	<input type="checkbox"/> Scott Richard Jones
	NUIT	Non		4 days ago	<input type="checkbox"/> Mathieu Begoc
	JOUR	Oui	1 casque mains libre	4 days ago	<input type="checkbox"/> Ian Robert Graham Allen
	NUIT	Non	CFRS2-J.Antunes	5 days ago	<input type="checkbox"/> Thomas Schaffrath



Why are the Fire Brigade and the SCR important?

Thank you for your attention!

