Creating a common understanding on Adverse events information requirements

CCC-TI

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Nov 2nd 2012

BE-OP-TI environment

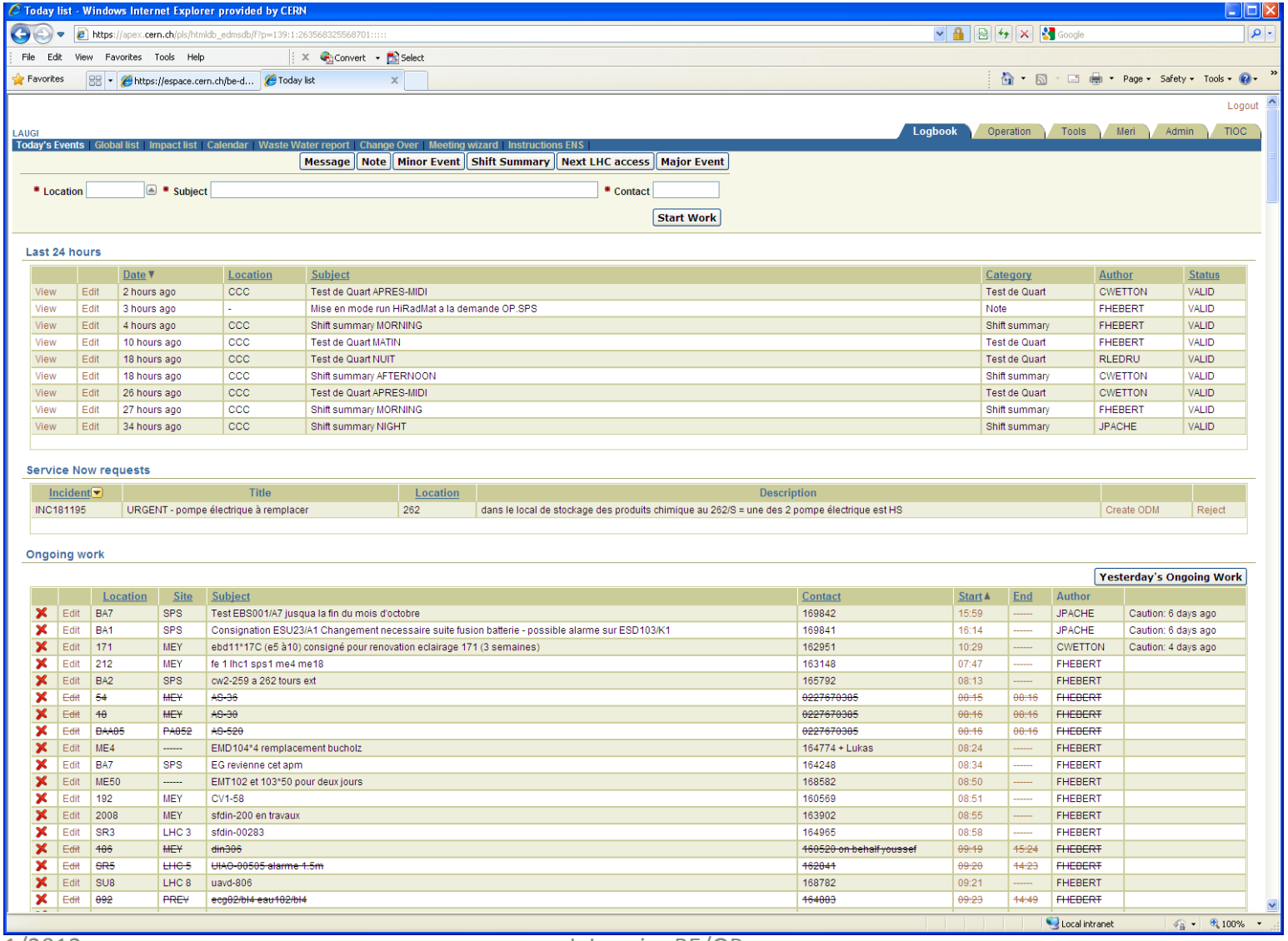
- The **TI** operates 24 hours a day, 365 days a year monitoring the entire technical infrastructure of CERN.
- Different domains:
  - the electrical distribution network including **energy consumption** (works only if your computer has the rights).
  - heating, cooling, ventilation and air conditioning equipment
  - safety installations and cryogenic systems
  - coordination and reporting after major infrastructure disruptions
  - Corrective maintenance

=> A simple software to deal with all these very different domains.

Main software: TI-Logbook

- Home made software using Apex technology developed in 2009
- Updated constantly since then, following the introduction of new products at Cern level (Infor EAM, impact, etc…) and the new requirements or requests
- The main request : Must be user friendly to be useable during rush! For each phone call, lots of different information may be entered in the logbook.

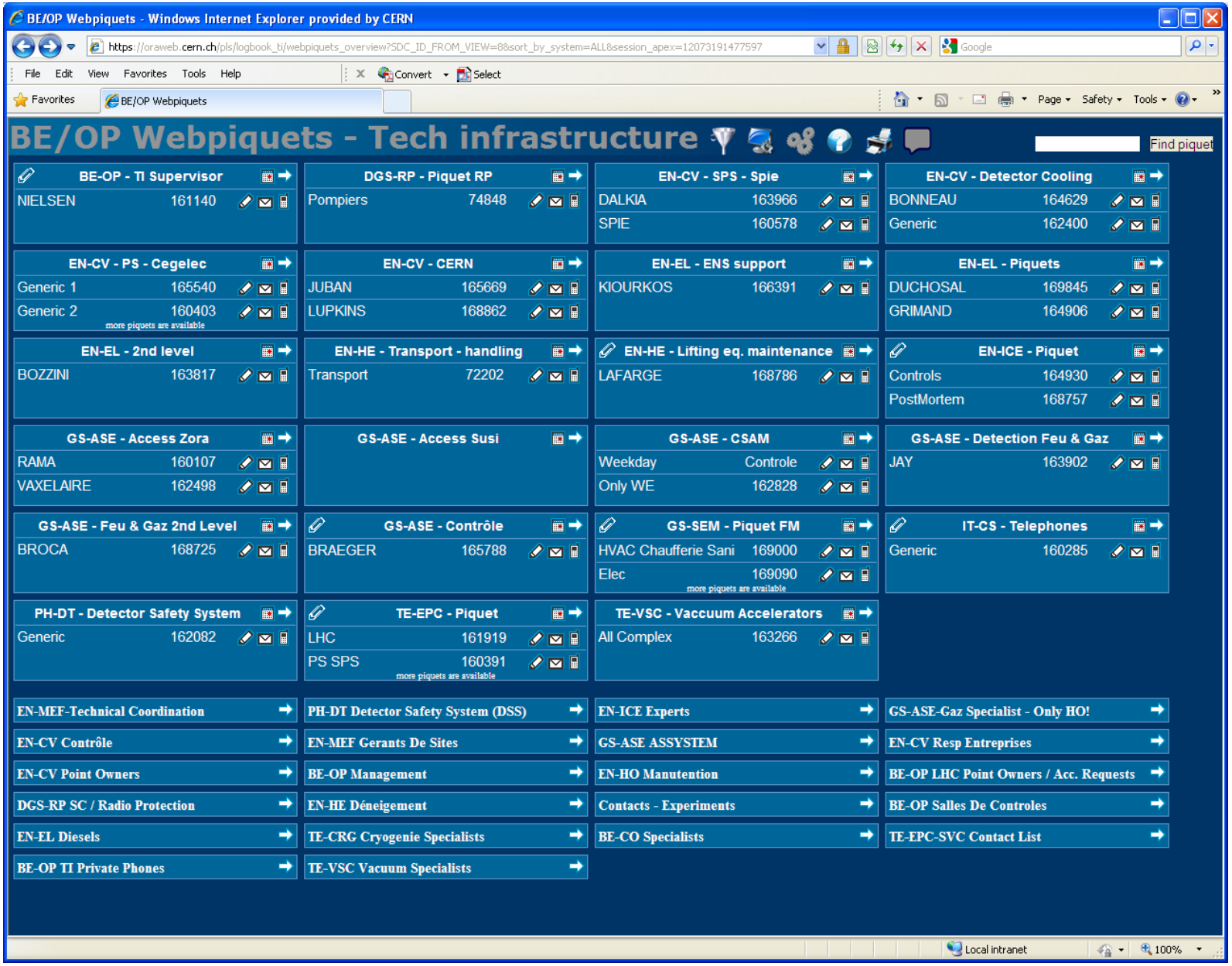
TI-Logbook: Main page



		Date	Location	Subject	Category	Author	Status
View	Edit	2 hours ago	CCC	Test de Quart APRES-MIDI	Test de Quart	CWETTON	VALID
View	Edit	3 hours ago	-	Mise en mode run HiRadMat a la demande OP.SPS	Note	FHEBERT	VALID
View	Edit	4 hours ago	CCC	Shift summary MORNING	Shift summary	FHEBERT	VALID
View	Edit	10 hours ago	CCC	Test de Quart MATIN	Test de Quart	FHEBERT	VALID
View	Edit	18 hours ago	CCC	Test de Quart NUIT	Test de Quart	RLEDRU	VALID
View	Edit	18 hours ago	CCC	Shift summary AFTERNOON	Shift summary	CWETTON	VALID
View	Edit	26 hours ago	CCC	Test de Quart APRES-MIDI	Test de Quart	CWETTON	VALID
View	Edit	27 hours ago	CCC	Shift summary MORNING	Shift summary	FHEBERT	VALID
View	Edit	34 hours ago	CCC	Shift summary NIGHT	Shift summary	JPACHE	VALID

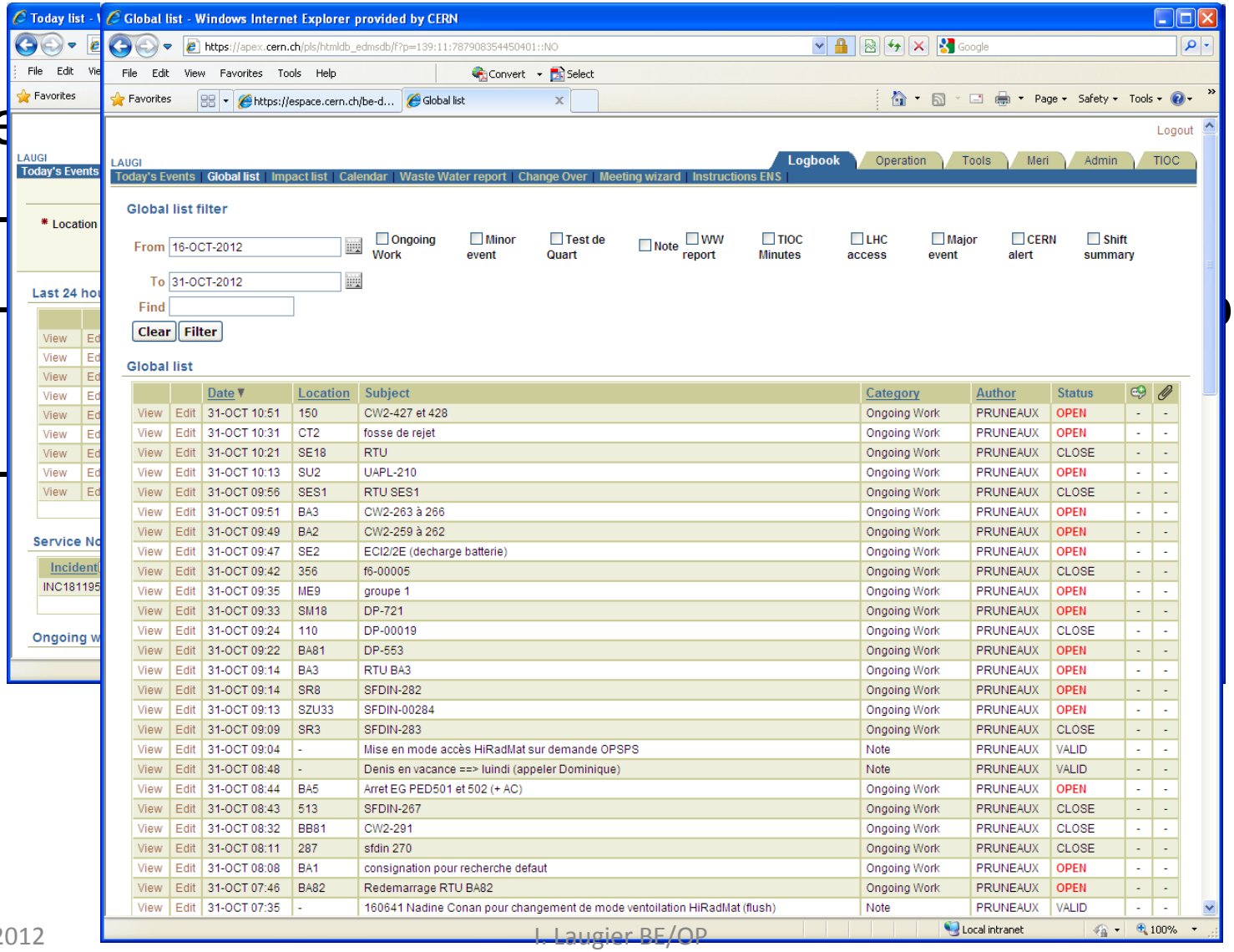
Incident	Title	Location	Description		
INC181195	URGENT - pompe électrique à remplacer	262	dans le local de stockage des produits chimique au 262/S = une des 2 pompe électrique est HS	Create ODM	Reject

		Location	Site	Subject	Contact	Start	End	Author	
	Edit	BA7	SPS	Test EBS001/A7 jusqua la fin du mois d'octobre	169842	15:59	------	JPACHE	Caution: 6 days ago
	Edit	BA1	SPS	Consignation ESU23/A1 Changement necessaire suite fusion batterie - possible alarme sur ESD103/K1	169841	16:14	------	JPACHE	Caution: 6 days ago
	Edit	171	MEY	ebd11*17C (e5 à10) consigné pour renovation eclairage 171 (3 semaines)	162951	10:29	------	CWETTON	Caution: 4 days ago
	Edit	212	MEY	fe 1 lhc1 sps1 me4 me18	163148	07:47	------	FHEBERT	
	Edit	BA2	SPS	cw2-259 a 262 tours ext	165792	08:13	------	FHEBERT	
	~~Edit~~	~~54~~	~~MEY~~	~~AS-36~~	~~0227670385~~	~~08:15~~	~~08:16~~	~~FHEBERT~~	
	~~Edit~~	~~48~~	~~MEY~~	~~AS-30~~	~~0227670385~~	~~08:16~~	~~08:16~~	~~FHEBERT~~	
	~~Edit~~	~~BAA05~~	~~PA052~~	~~AS-520~~	~~0227670385~~	~~08:16~~	~~08:16~~	~~FHEBERT~~	
	Edit	ME4	------	EMD104*4 remplacement bucholz	164774 + Lukas	08:24	------	FHEBERT	
	Edit	BA7	SPS	EG revienne cet apm	164248	08:34	------	FHEBERT	
	Edit	ME50	------	EMT102 et 103*50 pour deux jours	168582	08:50	------	FHEBERT	
	Edit	192	MEY	CV1-58	160569	08:51	------	FHEBERT	
	Edit	2008	MEY	sfdin-200 en travaux	163902	08:55	------	FHEBERT	
	Edit	SR3	LHC 3	sfdin-00283	164965	08:58	------	FHEBERT	
	~~Edit~~	~~486~~	~~MEY~~	~~din306~~	~~160520 on behalf youssef~~	~~09:19~~	~~15:24~~	~~FHEBERT~~	
	~~Edit~~	~~SR5~~	~~LHC 5~~	~~UAO-00505 alarme 1.5m~~	~~162041~~	~~09:20~~	~~14:23~~	~~FHEBERT~~	
	Edit	SU8	LHC 8	uavd-806	168782	09:21	------	FHEBERT	
	~~Edit~~	~~092~~	~~PREV~~	~~ecg02/bl4 eau102/bl4~~	~~154003~~	~~09:23~~	~~14:49~~	~~FHEBERT~~	


BE/OP Webpiquets - Windows Internet Explorer provided by CERN
https://oraweb.cern.ch/pls/logbook_ti/webpiquets_overview?SDC_ID_FROM_VIEW=8&sort_by_system=ALL&session_apex=12073191477597
File Edit View Favorites Tools Help
Favorites
BE/OP Webpiquets
BE/OP Webpiquets - Tech infrastructure
Find piquet
BE-OP - TI Supervisor
NIELSEN 161140
DGS-RP - Piquet RP
Pompiers 74848
EN-CV - SPS - Spie
DALKIA 163966
SPIE 160578
EN-CV - Detector Cooling
BONNEAU 164629
Generic 162400
EN-CV - PS - Cegelec
Generic 1 165540
Generic 2 160403
more piquets are available
EN-CV - CERN
JUBAN 165669
LUPKINS 168862
EN-EL - ENS support
KIOURKOS 166391
EN-EL - Piquets
DUCHOSAL 169845
GRIMAND 164906
EN-EL - 2nd level
BOZZINI 163817
EN-HE - Transport - handling
Transport 72202
EN-HE - Lifting eq. maintenance
LAFARGE 168786
EN-ICE - Piquet
Controls 164930
PostMortem 168757
GS-ASE - Access Zora
RAMA 160107
VAXELAIRE 162498
GS-ASE - Access Susi
GS-ASE - CSAM
Weekday Controle
Only WE 162828
GS-ASE - Detection Feu & Gaz
JAY 163902
GS-ASE - Feu & Gaz 2nd Level
BROCA 168725
GS-ASE - Contrôle
BRAEGER 165788
GS-SEM - Piquet FM
HVAC Chaufferie Sani 169000
Elec 169090
more piquets are available
IT-CS - Telephones
Generic 160285
PH-DT - Detector Safety System
Generic 162082
TE-EPC - Piquet
LHC 161919
PS SPS 160391
more piquets are available
TE-VSC - Vaccuum Accelerators
All Complex 163266
EN-MEF-Technical Coordination
PH-DT Detector Safety System (DSS)
EN-ICE Experts
GS-ASE-Gaz Specialist - Only HO!
EN-CV Contrôle
EN-MEF Gerants De Sites
GS-ASE ASSYSTEM
EN-CV Resp Entreprises
EN-CV Point Owners
BE-OP Management
EN-HO Manutention
BE-OP LHC Point Owners / Acc. Requests
DGS-RP SC / Radio Protection
EN-HE Déneigement
Contacts - Experiments
BE-OP Salles De Controles
EN-EL Diesels
TE-CRG Cryogenie Specialists
BE-CO Specialists
TE-EPC-SVC Contact List
BE-OP TI Private Phones
TE-VSC Vacuum Specialists
Local intranet
100%

During operation…

The



		Date	Location	Subject	Category	Author	Status		
View	Edit	31-OCT 10:51	150	CW2-427 et 428	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 10:31	CT2	fosse de rejet	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 10:21	SE18	RTU	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 10:13	SU2	UAPL-210	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:56	SES1	RTU SES1	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 09:51	BA3	CW2-263 à 266	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:49	BA2	CW2-259 à 262	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:47	SE2	ECI2/2E (decharge batterie)	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:42	356	f6-00005	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 09:35	ME9	groupe 1	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:33	SM18	DP-721	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:24	110	DP-00019	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 09:22	BA81	DP-553	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:14	BA3	RTU BA3	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:14	SR8	SFDIN-282	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:13	SZU33	SFDIN-00284	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 09:09	SR3	SFDIN-283	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 09:04	-	Mise en mode accès HiRadMat sur demande OPSPS	Note	PRUNEAUX	VALID	-	-
View	Edit	31-OCT 08:48	-	Denis en vacance ==> lundi (appeler Dominique)	Note	PRUNEAUX	VALID	-	-
View	Edit	31-OCT 08:44	BA5	Arret EG PED501 et 502 (+ AC)	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 08:43	513	SFDIN-267	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 08:32	BB81	CW2-291	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 08:11	287	sfdin 270	Ongoing Work	PRUNEAUX	CLOSE	-	-
View	Edit	31-OCT 08:08	BA1	consignation pour recherche defaut	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 07:46	BA82	Redemarrage RTU BA82	Ongoing Work	PRUNEAUX	OPEN	-	-
View	Edit	31-OCT 07:35	-	160641 Nadine Conan pour changement de mode ventoilation HiRadMat (flush)	Note	PRUNEAUX	VALID	-	-

Log lysis.

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Meeting Wizard - Windows Internet Explorer provided by CERN

TI Operations Blog - TI Operations - Controls Wikis - Windows Internet Explorer provided by CERN

http://wikis/pages/viewrecentblogposts.action?key=TIOP

Dashboard › TI Operations › Browse Space › Blog

Browse Log In Search

TI Operations Blog

Pages | Blog | Labels | Attachments | Bookmarks | Mail | Forums | Advanced | Activity

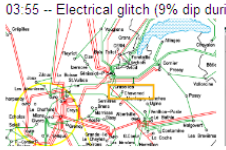
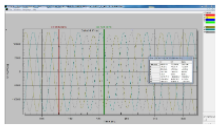
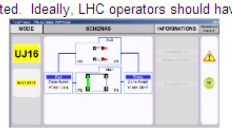
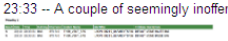
Peter Sollander posted on Oct 29, 2012

TI summary, week 44 2012

day	events
Monday, October 29	• EDF on site to try to find the cable fault again. This time we keep the SPS running. EDF found nothing and wants to come back and try again when the machines are off. Invited to try coming Wednesday morning while SPS is off for the optical fibre job anyway.

Peter Sollander posted on Oct 22, 2012

TI summary, week 43 2012

day	events
Tuesday, October 23	• 03:55 -- Electrical glitch (9% dip during 70ms). 400kV trip near Chavanod. SPS RF and LHC FMCM trip.   • 19:45 -- UJ16 PAD does not work. LHC operators call in specialist Sege di Luca to fix it. 2:45 lost for LHC according to eLogbook. No alarm seen in TI. No ODM created. Ideally, LHC operators should have gone through TI to request piquet intervention.  • 23:33 -- A couple of seemingly inoffensive ventilation alarms on BA6… 
Wednesday, October 24	• 01:15 -- SPS septa cooling circuit in BA6 fails as a consequence of a power trip that also generated the ventilation alarms from earlier. TI and CV on site to switch tripped breaker back on. LHC was about to fill so lost about an hour of time. This could have been avoided had there been an alarm indicating a problem with the chilled water production at 23:30 already. Intervention by CV in the afternoon. No real problem found, some nuts tightened and inspections made. We are waiting for alarms to be configured.

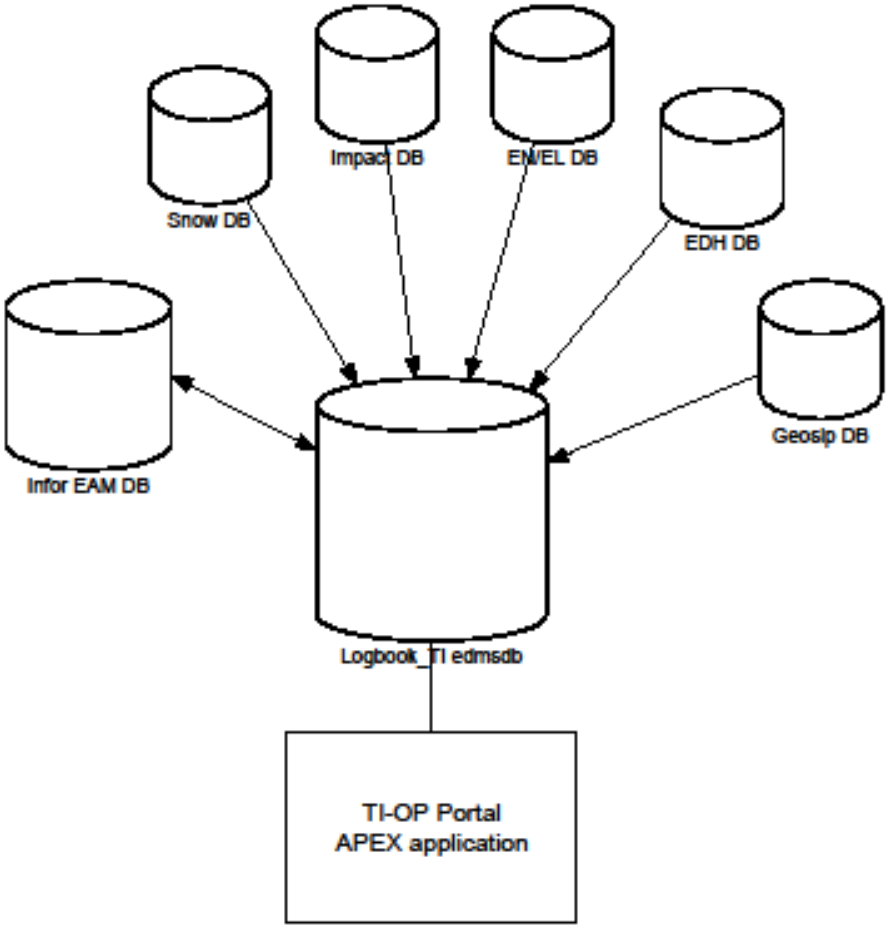
Search

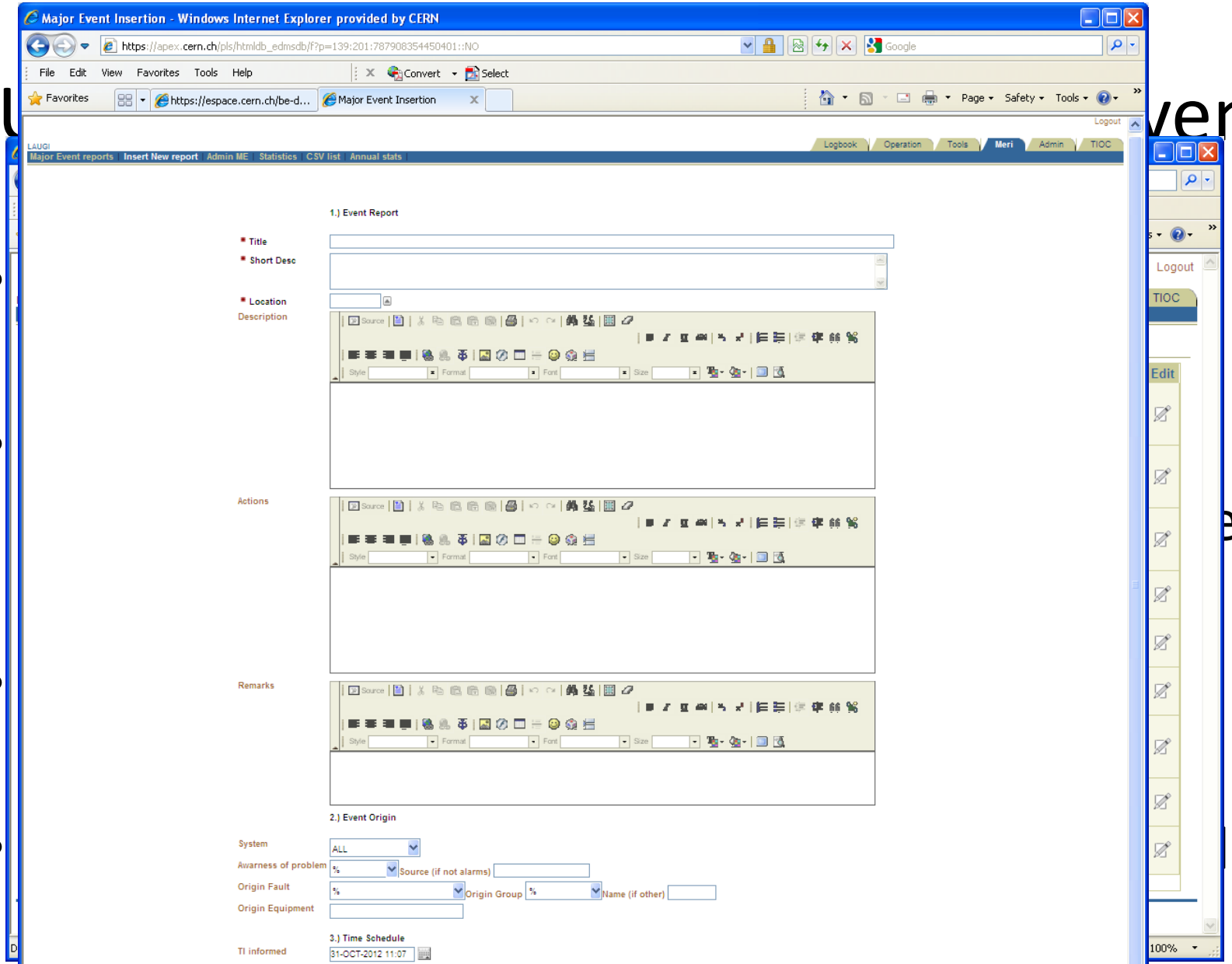
Blog Posts: October 2012

- TI summary, week 44 2012
- TI summary, week 43 2012
- TI summary, week 42 2012
- TI summary, week 41 2012
- TI summary, week 40 2012

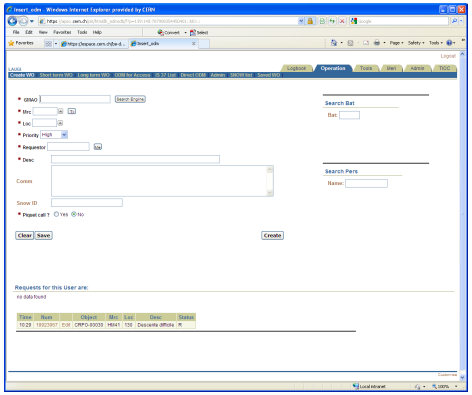
<< September 2012

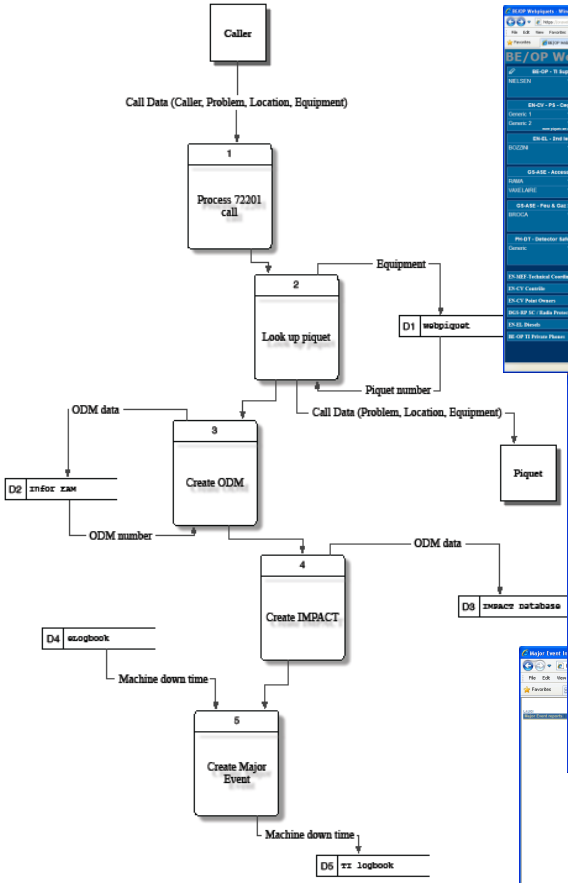
BE-OP-TI context

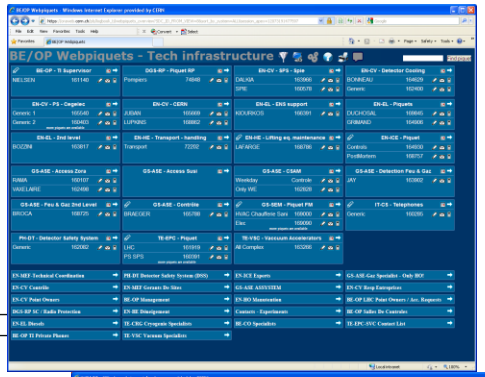


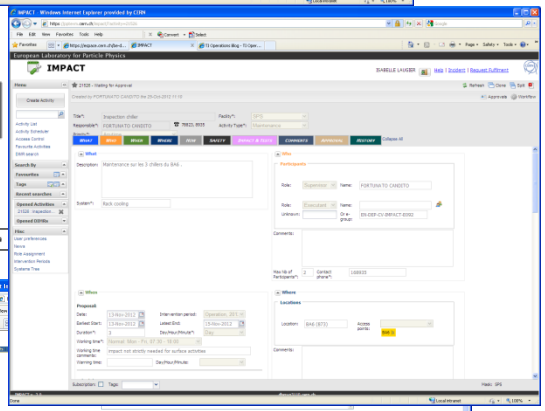

Major Event Insertion - Windows Internet Explorer provided by CERN
https://apex.cern.ch/pls/htmldb_edmsdb/f?p=139:201:787908354450401::NO
Major Event Insertion
Logout
Logbook
Operation
Tools
Meri
Admin
TIOC
Major Event reports
Insert New report
Admin ME
Statistics
CSV list
Annual stats
1.) Event Report
Title
Short Desc
Location
Description
Actions
Remarks
2.) Event Origin
System
ALL
Awarness of problem
Source (if not alarms)
Origin Fault
Origin Group
Name (if other)
Origin Equipment
3.) Time Schedule
TI informed
31-OCT-2012 11:07
All Tech. probs OK
31-OCT-2012 11:07
<< Cancel
Reset document
Save the document
Done
Local intranet
75%

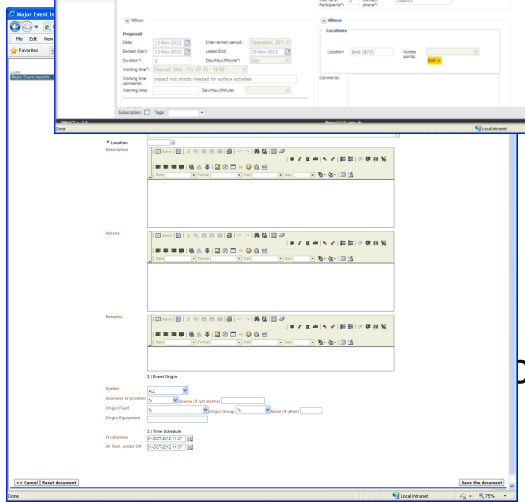
Process











ollander

Future

- Project to use a common logbook between CCC and equipment groups
- Interested by some “Frequentis” ideas concerning Integrated Incident and Crisis Management (ICM) http://www.frequentis.com
  - Introduction of processes
  - improvement of communication management
  - « Single point » of data management with high quality data, available during incident.