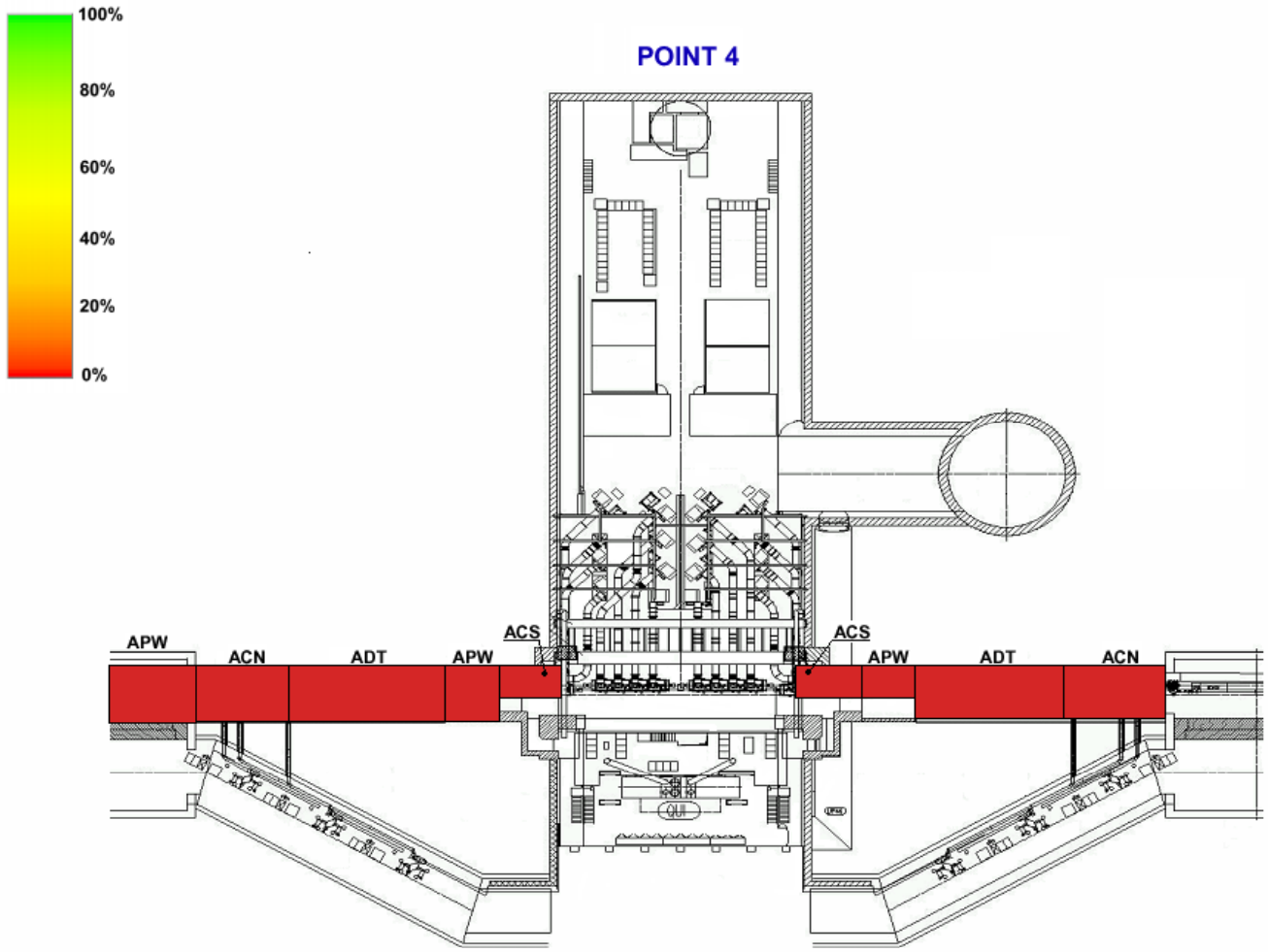
Radio Frequency System

- GENERAL STATISTICS
- UPLOAD BY REGION
- UPLOAD BY SLOT CLASS

31.83%	AC Distribution
0%	Beam Dumping
7.01%	Beam Instrumentation
4.53%	Circuits
86.79%	Cooling
66.67%	Ventillation
4.4%	Cryogenics
14.29%	DFB
19.72%	EIQA
96.54%	Energy Extraction
63.89%	Power Cables
87.5%	Power Converters
95.9%	Powering Interlocks
10.8%	Quench Protection
67.5%	Radiation Monitoring
0%	Radio Frequency
77.29%	Worldfip Segments
33.83%	Warm Magnets



Radio Frequency System


Home | Help | EDMS site | News | Login
User: PEREA
Search : Equipment | Location | Slot | System
Slot Folder: Installation Jobs
Slot Identifier: ACNCA.C5L4.B1
Other Identifier: None
Description: RF Normal Conducting Cavity
Main
Slot data
Installation & Commissioning
Operation
Documents
History
Actions : Create Job
Show Last Repeated
Job Id | R/E | Status | Res. | Description | Started | Ended | NC
14286926 Pending 10-ACN Controls and Software Infrastructure
14286927 Pending 12-ACN Individual System Tests
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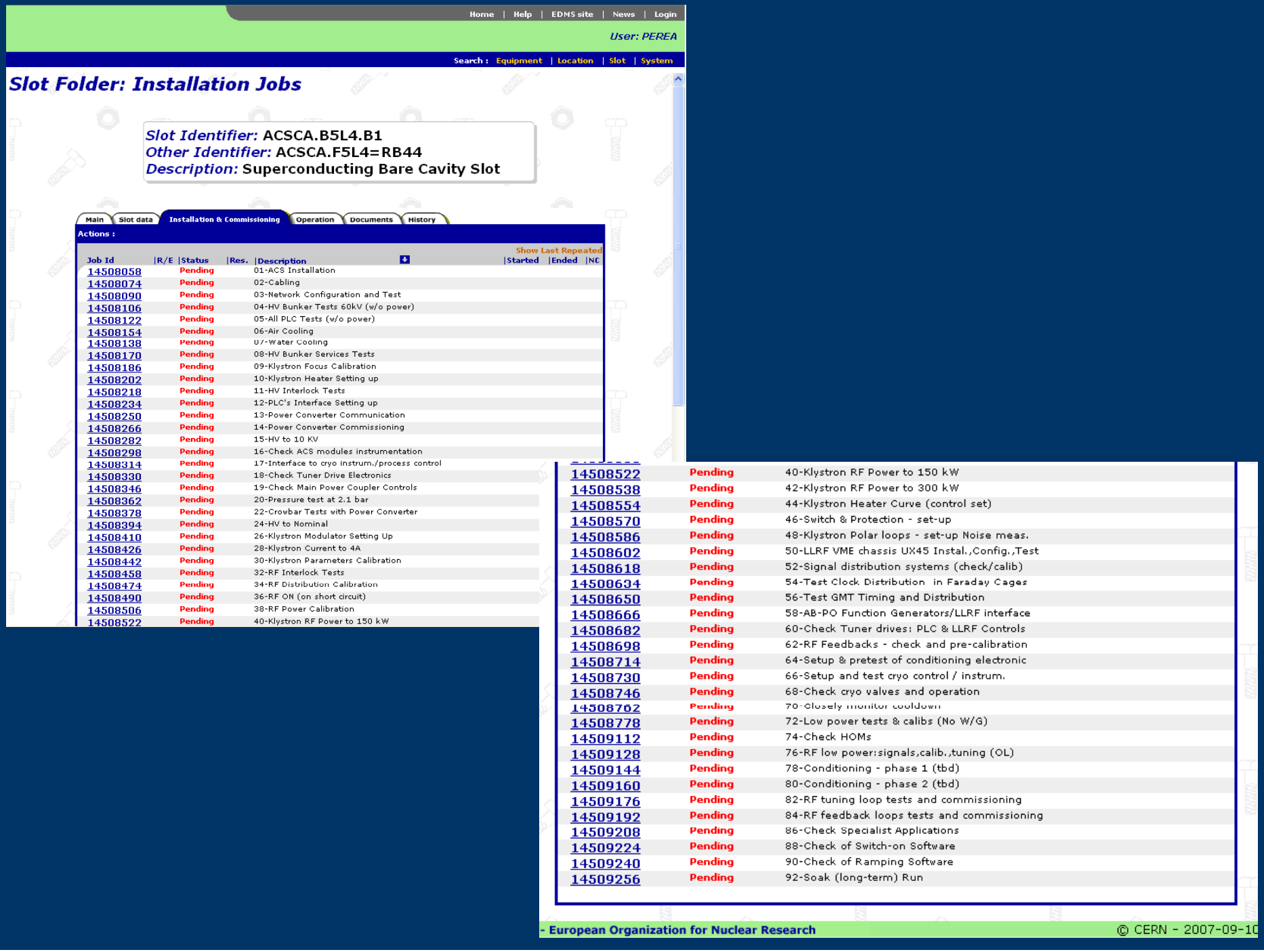
© CERN - 2007-09-10 12:06:58


Home | Help | EDMS site | News | Login
User: PEREA
Search : Equipment | Location | Slot | System
Slot Folder: Installation Jobs
Slot Identifier: ACSCA.B5L4.B1
Other Identifier: ACSCA.F5L4=RB44
Description: Superconducting Bare Cavity Slot
Main
Slot data
Installation & Commissioning
Operation
Documents
History
Actions :
Show Last Repeated
Job Id |R/E |Status |Res. |Description |Started |Ended |NC
14508058 Pending 01-ACS Installation
14508074 Pending 02-Cabling
14508090 Pending 03-Network Configuration and Test
14508106 Pending 04-HV Bunker Tests 60kV (w/o power)
14508122 Pending 05-All PLC Tests (w/o power)
14508154 Pending 06-Air Cooling
14508138 Pending 07-Water Cooling
14508170 Pending 08-HV Bunker Services Tests
14508186 Pending 09-Klystron Focus Calibration
14508202 Pending 10-Klystron Heater Setting up
14508218 Pending 11-HV Interlock Tests
14508234 Pending 12-PLC's Interface Setting up
14508250 Pending 13-Power Converter Communication
14508266 Pending 14-Power Converter Commissioning
14508282 Pending 15-HV to 10 KV
14508298 Pending 16-Check ACS modules instrumentation
14508314 Pending 17-Interface to cryo instrum./process control
14508330 Pending 18-Check Tuner Drive Electronics
14508346 Pending 19-Check Main Power Coupler Controls
14508362 Pending 20-Pressure test at 2.1 bar
14508378 Pending 22-Crowbar Tests with Power Converter
14508394 Pending 24-HV to Nominal
14508410 Pending 26-Klystron Modulator Setting Up
14508426 Pending 28-Klystron Current to 4A
14508442 Pending 30-Klystron Parameters Calibration
14508458 Pending 32-RF Interlock Tests
14508474 Pending 34-RF Distribution Calibration
14508490 Pending 36-RF ON (on short circuit)
14508506 Pending 38-RF Power Calibration
14508522 Pending 40-Klystron RF Power to 150 kW
14508522 Pending 40-Klystron RF Power to 150 kW
14508538 Pending 42-Klystron RF Power to 300 kW
14508554 Pending 44-Klystron Heater Curve (control set)
14508570 Pending 46-Switch & Protection - set-up
14508586 Pending 48-Klystron Polar loops - set-up Noise meas.
14508602 Pending 50-LLRF VME chassis UX45 Instal.,Config.,Test
14508618 Pending 52-Signal distribution systems (check/calib)
14508634 Pending 54-Test Clock Distribution in Faraday Cages
14508650 Pending 56-Test GMT Timing and Distribution
14508666 Pending 58-AB-PO Function Generators/LLRF interface
14508682 Pending 60-Check Tuner drives: PLC & LLRF Controls
14508698 Pending 62-RF Feedbacks - check and pre-calibration
14508714 Pending 64-Setup & pretest of conditioning electronic
14508730 Pending 66-Setup and test cryo control / instrum.
14508746 Pending 68-Check cryo valves and operation
14508762 Pending 70-Closely monitor cooldown
14508778 Pending 72-Low power tests & calibs (No W/G)
14509112 Pending 74-Check HOMs
14509128 Pending 76-RF low power:signals,calib.,tuning (OL)
14509144 Pending 78-Conditioning - phase 1 (tbd)
14509160 Pending 80-Conditioning - phase 2 (tbd)
14509176 Pending 82-RF tuning loop tests and commissioning
14509192 Pending 84-RF feedback loops tests and commissioning
14509208 Pending 86-Check Specialist Applications
14509224 Pending 88-Check of Switch-on Software
14509240 Pending 90-Check of Ramping Software
14509256 Pending 92-Soak (long-term) Run
- European Organization for Nuclear Research
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Slot Folder: Installation Jobs

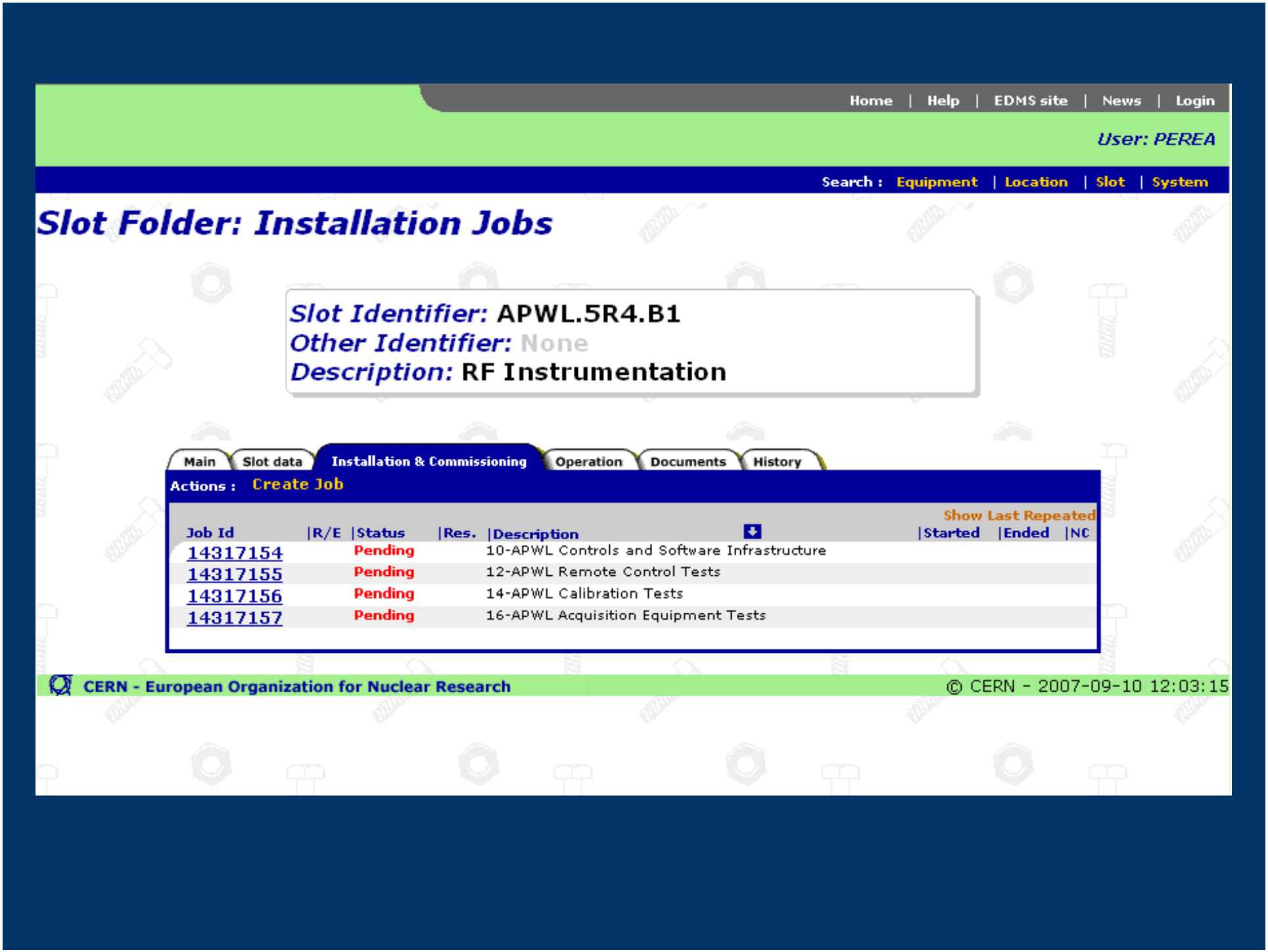
Slot Identifier: ADTMH.B5L4.B1
Other Identifier: None
Description: RF Transverse Damper

Main | Slot data | Installation & Commissioning | Operation | Documents | History

Actions : Create Job

Show Last Repeated

Job Id	R/E	Status	Res.	Description	Started	Ended	NC
14507922		Pending		10-Test Control Cabling			
14507923		Pending		12-Test RF Cabling			
14507924		Pending		14-Test Ug1 and Ug2 Power Supplies			
14507925		Pending		16-Test Ua Power Supplies			
14507926		Pending		18-Test Controls and Interlocks			
14507927		Pending		20-Test PIM/Signal conditionner/HV divider			
14507928		Pending		22-Test Water Cooling System 4 Amplifiers			
14507929		Pending		24-Test with 4 amplifiers with Low Power			
14507930		Pending		26-Assembly of 16 Amplifiers			
14507931		Pending		28-SR4 Cables Re-arrangement			
14507932		Pending		30-Cables Labeling (SR4+UX45+RBs)			
14507933		Pending		32-Calibr. PIM/Signal conditionn./HV divider			
14507934		Pending		34-Final RF cables meas./ lengths adaptation			
14507935		Pending		36-Test Water Cooling System 16 Amplifiers			
14507936		Pending		38-Test with 16 Amplifiers with Low Power			
14507937		Pending		40-Controls and Interlocks Level Calibration			
14507938		Pending		42-Connection to vacuum chambers			
14507939		Pending		44-Bake out of Kickers			
14507940		Pending		46-Assembly of Deflectors in RBs			
14507941		Pending		48-Test 16 Amplifiers connected to Kickers			
14507942		Pending		50-Heat Run			
14507943		Pending		52-Final Measurements			


Home | Help | EDMS site | News | Login
User: PEREA
Search : Equipment | Location | Slot | System
Slot Folder: Installation Jobs
Slot Identifier: APWL.5R4.B1
Other Identifier: None
Description: RF Instrumentation
Main
Slot data
Installation & Commissioning
Operation
Documents
History
Actions : Create Job
Show Last Repeated
Job Id | R/E | Status | Res. | Description | Started | Ended | NC
14317154 Pending 10-APWL Controls and Software Infrastructure
14317155 Pending 12-APWL Remote Control Tests
14317156 Pending 14-APWL Calibration Tests
14317157 Pending 16-APWL Acquisition Equipment Tests
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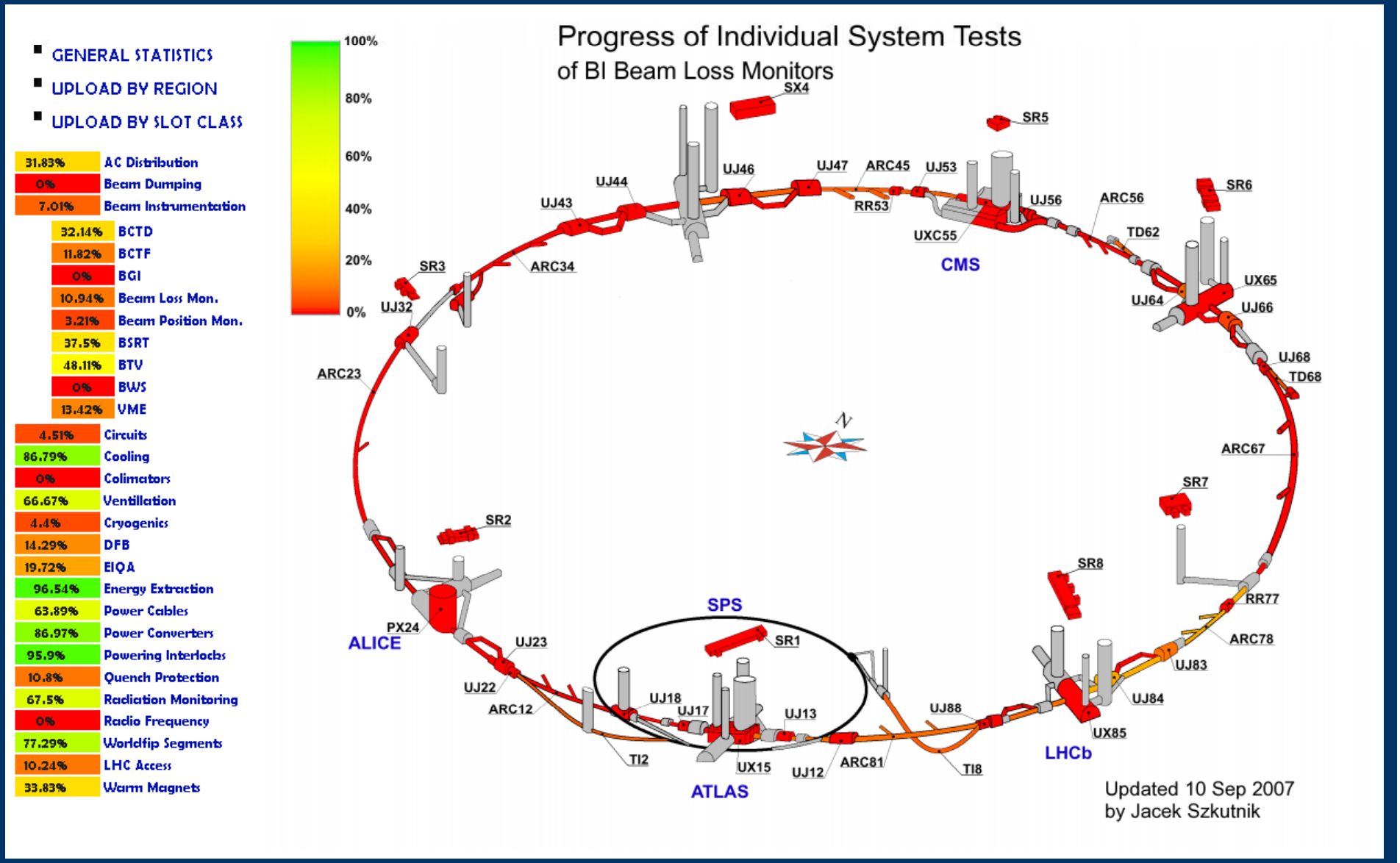
Class Description	**RF Normal Conducting Cavity / RF Superconducting Bare Cavity / RF Transverse Damper / RF Instrumentation**
Class Code	**ACN / ACSCA / ADT / APWL**
Responsible	**Edmond Ciapala / Olivier Brunner**
Number of Slots	**16 / 16 / 8 / 12**
Number steps	**2 / 56 / 22 / 4**
Number of properties	**1 (EDMS Procedure)**
% steps uploaded	**0 %**
% properties uploaded	**N/A**
Documents	**0 %**
Comments	**0 %**
NCRs	**0 %**
Upload type	**manual**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**No (recently modified)**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-RF-MTF Group + role LHC-HWC-RF in context LHC-HWC-MTF and D7i: Edmond Ciapala, Olivier Brunner, Wolfgang Hofle, Pierre Maesen	4 notifications (LHC-HWC-RF-%) based on role CERN-PE and LHC-HWC-55 EDMS list: : Edmond Ciapala, Olivier Brunner, Wolfgang Hofle, Pierre Maesen	CERN-PE in LHC-HWC-BCT-MTF (ORG-002410) Context: Edmond Ciapala, Olivier Brunner, Wolfgang Hofle, Pierre Maesen	LHC-HWC-54 EDMS list: Edmond Ciapala, Olivier Brunner, Wolfgang Hofle, Pierre Maesen

Access Rights as they are today for Radio Frequency System
(ACN, ACSCA, ADT and APWL classes)

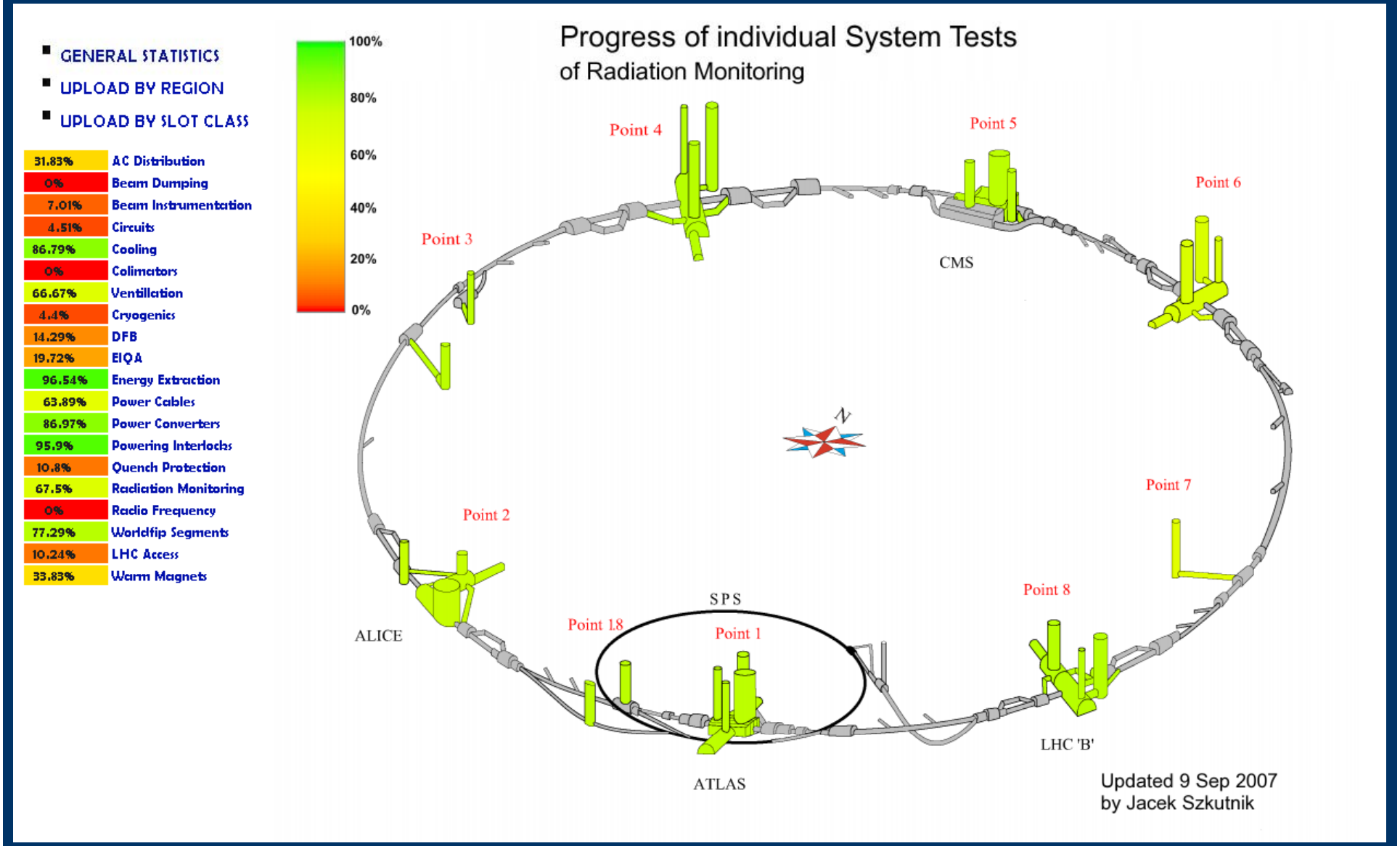


Beam Instrumentation

Class Description	**Beam Instrumentation**
Class Code	**BCTD / BCTF / BGI / BLM / BPM / BQK / BQS / BRANA / BRANB / BSRT / BTV / BV01 / BWS**
Responsible	**Jean-Jacques Gras**
Number of Slots	**4 / 10 / 4 / 2622 / 1175 / 4 / 4 / 0 / 4 / 2 / 37 /88 /2**
Number steps	**7 / 11 / 5 / 8 / 12 / 3 / 3 / 0 / 10 / 8 / 5 / 6 / 4**
Number of properties	**1 / 1 / 1 / 45 / 29 / 1 / 1 / 1 / 31 / 1 / 1 / 6 / 1**
% steps uploaded	**29% 12% 0% 6% 3 % 0% 0% 0% 0% 50% 48% 0% 0%**
% properties uploaded	**10% BLM & 3% BPM (rest is 0%)**
Documents	**13% BSRT**
Comments	**22% 38% 0% 0% 5% 0% 0% 0% 0% 38% 2% 0% 0%**
NCRs	**1 NCR linked to a BPM**
Upload type	**BPM and BLM are 100% automatic** **The rest is 100% manual**
Upload particularities	**HC has developed a XLS to XML converter**
Access Rights	**See next slide**
Layout Database-MTF Link	**YES**
Expected Modifications	**Property evolution – automatic upload** **Bake-out step** **Beam Commissioning – what happens then ?** **BI should finish their procedure** **Progress should include BQK and BQS**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
"LHC-HWC-BCT-MTF Group + role LHC-HWC-BCT in context LHC-HWC-MTF and D7i: JJGras, Patrick Odier, David Belohrad "	"4 notifications (LHC-HWC-BCT-%) based on role CERN-PE and LHC-HWC-15 EDMS list: :JJGras, Patrick Odier, David Belohrad"	"CERN-PE in LHC-HWC-BCT-MTF (ORG-002335) Context: JJ Gras, Patrick Odier, David Belohrad"	LHC-HWC-16 EDMS list: JJGras, Patrick Odier

Access Rights as they are today for BCTs

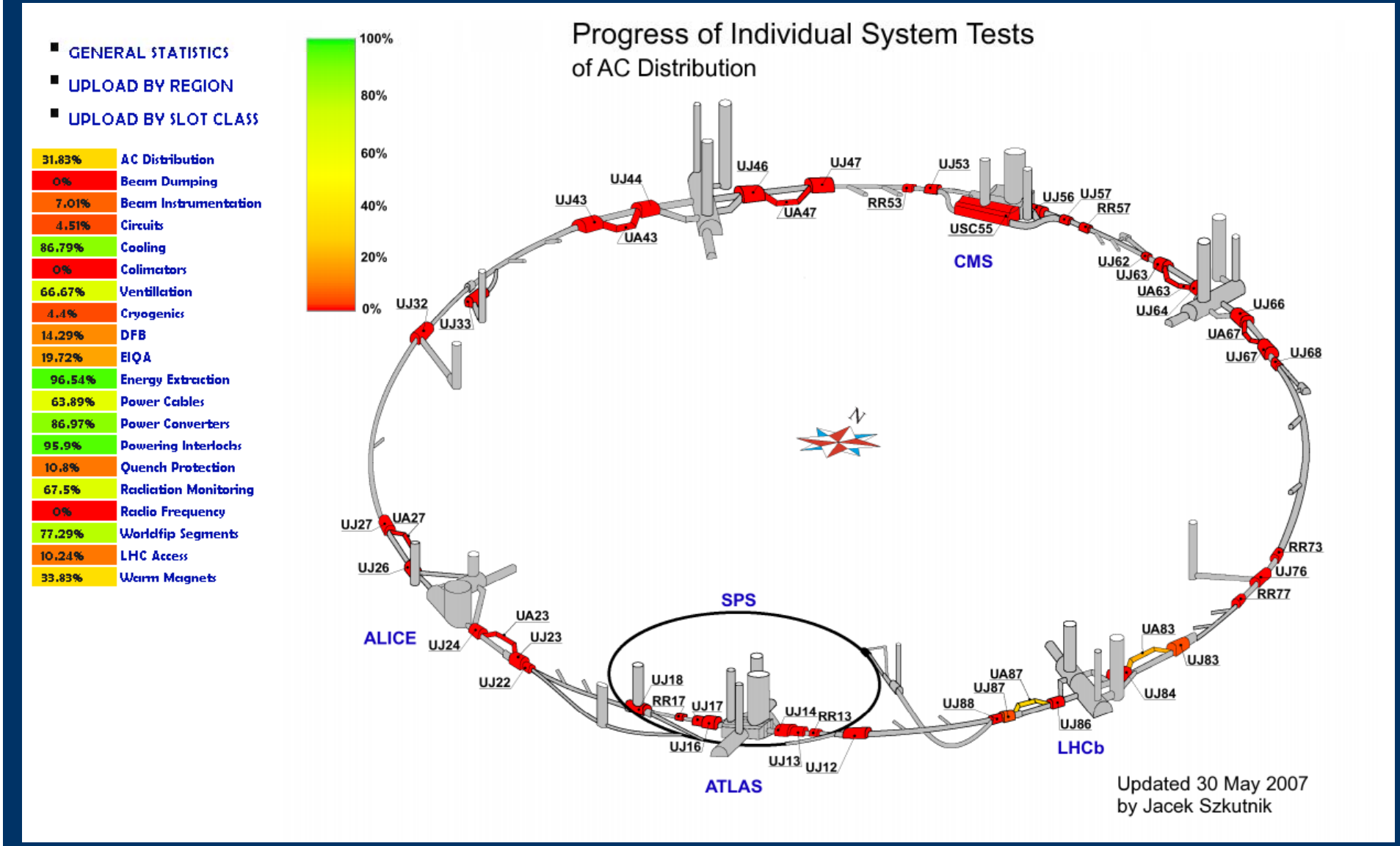


Radiation Monitoring

Class Description	**Radiation Monitoring - Standard RP & Radiation Monitoring Air, Water, Standalone**
Class Code	**PM01 / PM02**
Responsible	**Luigi Scibile, Ali Day, Daniel Perrin**
Number of Slots	**80 / 75**
Number steps	**11 / 9**
Number of properties	**1 / 1 (EDMS Procedure)**
% steps uploaded	**70% / 87%**
% properties uploaded	**N/A**
Documents	**19% / 25 % entries**
Comments	**56% / 62% entries**
NCRs	**none**
Upload type	**40% manual 60% automatic**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-RADIATION-MONITORING-MTF Group + role LHC-HWC-R-MONITORING in context LHC-HWC-MTF and D7i: Ali Day, Luigi Scibile, Daniel Perrin	4 notifications (LHC-HWC-R-MONITORI-%) based on role CERN-PE and LHC-HWC-33: Ali Day, Luigi Scibile, Daniel Perrin	CERN-PE in LHC-HWC-RADIATION-MONITORING-MTF (ORG-002358) Context: Ali Day, Luigi Scibile, Daniel Perrin	LHC-HWC-32 EDMS List: Ali Day, Luigi Scibile, Daniel Perrin

Access Rights as they are today for RAMSES

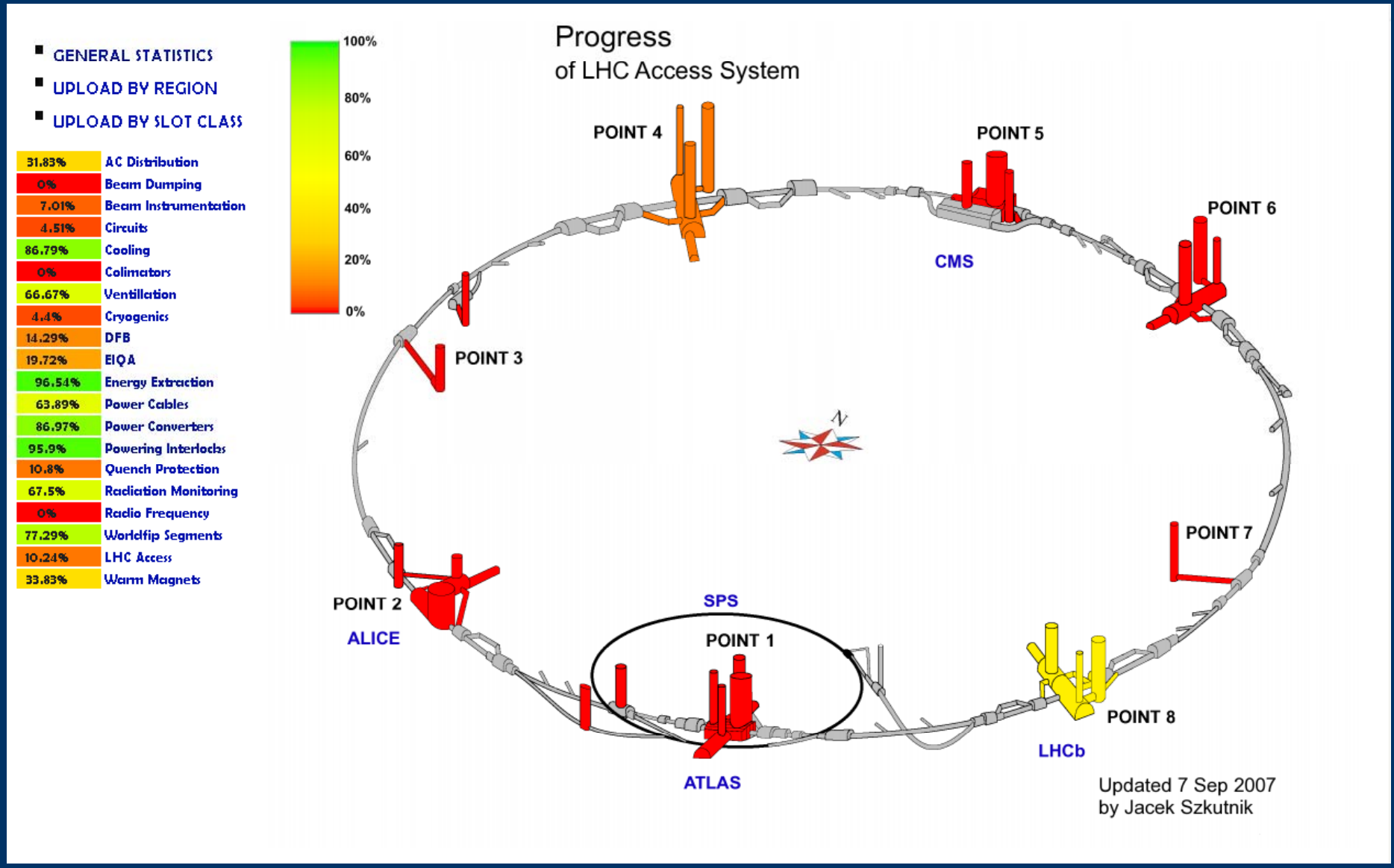


AC Distribution

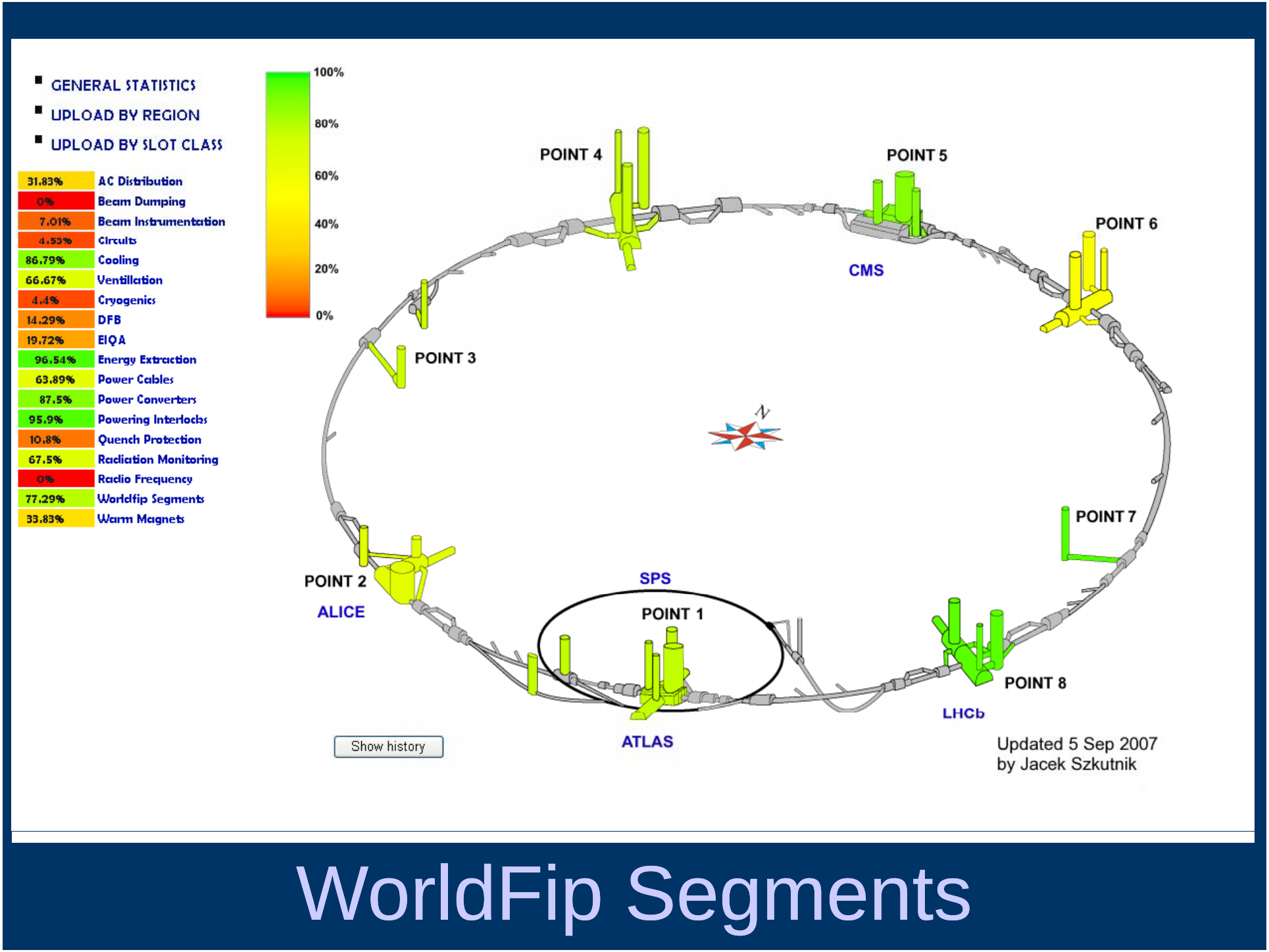
AC Distribution

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-AC-DISTR-MTF Group + role LHC-HWC-AC in context LHC-HWC-MTF and D7i: S.Brown, Felix Rodriguez Mateos	4 notifications (LHC-HWC-AC-DISTRI-%) based on role CERN-PE and LHC-HWC-29: SBROWN, Felix Rodriguez Mateos	CERN-PE in LHC-HWC-AC-DISTRIBUTION-MTF (ORG-002356) Context: SBROWN, Felix Rodriguez Mateos	LHC-HWC-28 EDMS List: SBROWN, Felix Rodriguez Mateos

Access Rights as they are today for AC Distribution

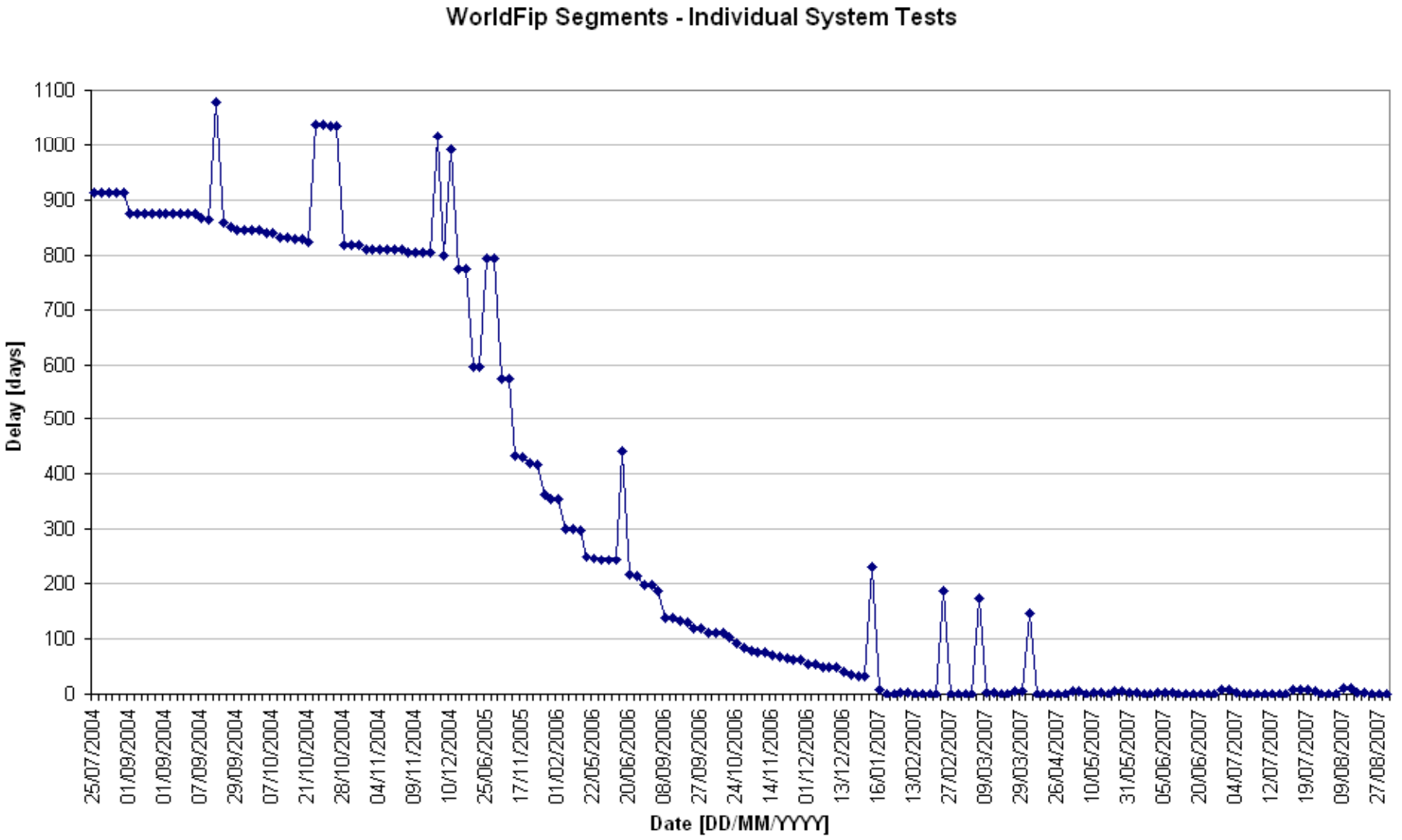

GENERAL STATISTICS
UPLOAD BY REGION
UPLOAD BY SLOT CLASS
31.83% AC Distribution
0% Beam Dumping
7.01% Beam Instrumentation
4.51% Circuits
86.79% Cooling
0% Colimators
66.67% Ventillation
4.4% Cryogenics
14.29% DFB
19.72% EIQA
96.54% Energy Extraction
63.89% Power Cables
86.97% Power Converters
95.9% Powering Interlocks
10.8% Quench Protection
67.5% Radiation Monitoring
0% Radio Frequency
77.29% Worldfip Segments
10.24% LHC Access
33.83% Warm Magnets
100%
80%
60%
40%
20%
0%
Progress
of LHC Access System
POINT 4
POINT 5
POINT 6
CMS
POINT 3
N
POINT 7
SPS
POINT 2
POINT 1
ALICE
POINT 8
LHCb
ATLAS
Updated 7 Sep 2007
by Jacek Szkutnik

LHC Access



WorldFip Segments

Class Description	**WorldFip Segment**
Class Code	**CBW1**
Responsible	**Claude Dehavay**
Number of Slots	**245**
Number steps	**1**
Number of properties	**1 (EDMS Procedure)**
% steps uploaded	**75%**
% properties uploaded	**N/A**
Documents	**100% entries**
Comments	**4% entries**
NCRs	**none**
Upload type	**96% automatic upload**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**Slots not declared as such in the Layout**
Expected Modifications	**Adding properties**

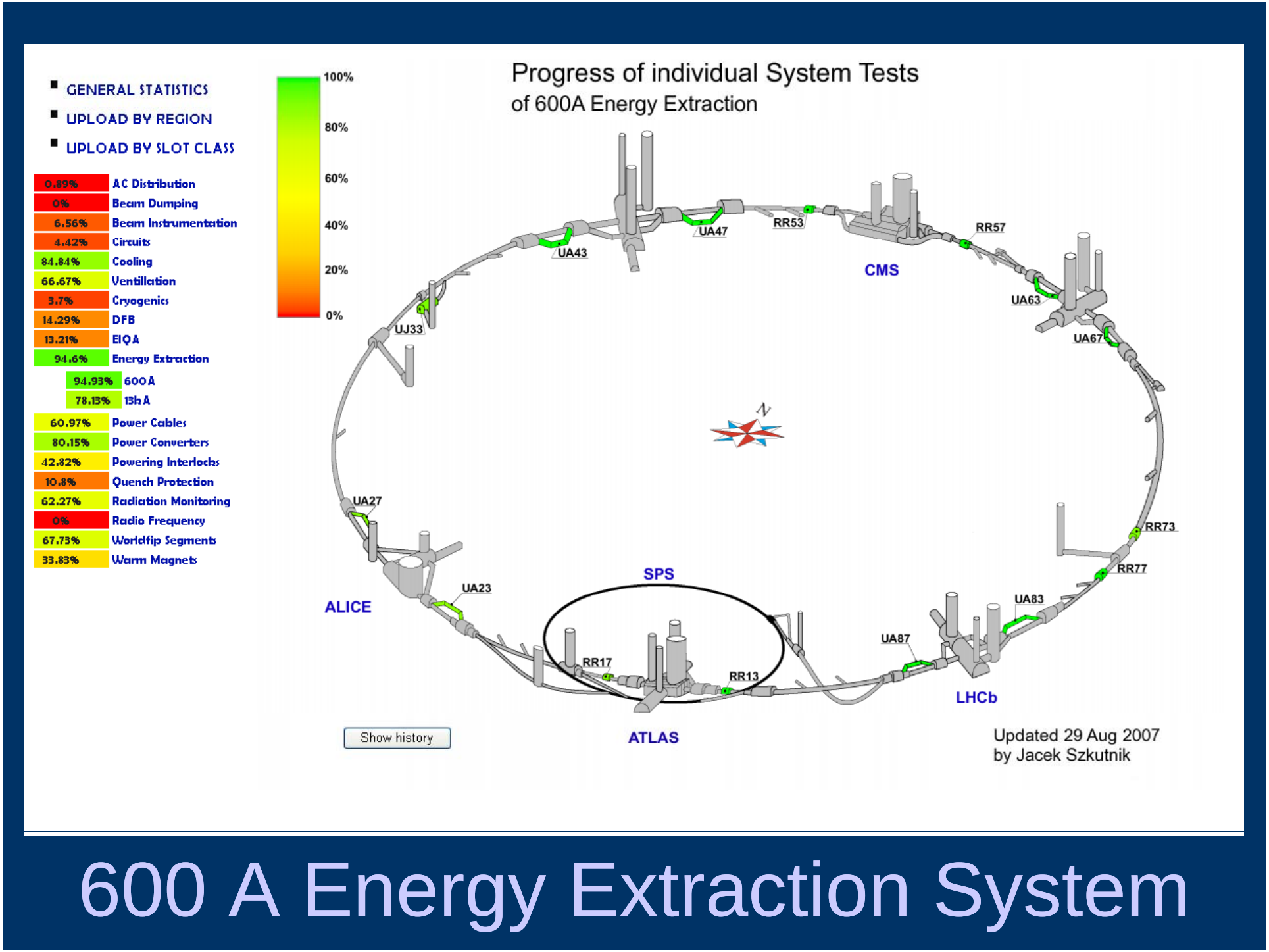

WorldFip Segments - Individual System Tests
Delay [days]
1100
1000
900
800
700
600
500
400
300
200
100
0
25/07/2004
01/09/2004
01/09/2004
07/09/2004
29/09/2004
07/10/2004
21/10/2004
28/10/2004
04/11/2004
09/11/2004
10/12/2004
25/06/2005
17/11/2005
01/02/2006
22/05/2006
20/06/2006
08/09/2006
27/09/2006
24/10/2006
14/11/2006
01/12/2006
13/12/2006
16/01/2007
13/02/2007
27/02/2007
09/03/2007
29/03/2007
26/04/2007
10/05/2007
31/05/2007
05/06/2007
20/06/2007
04/07/2007
12/07/2007
19/07/2007
09/08/2007
27/08/2007
Date [DD/MM/YYYY]

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-CONTROLS-MTF Group + role LHC-HWC-CONTROL in context LHC-HWC-MTF and D7i: Raymond Brun, Julien Palluel, Claude Dehavay, Jean-Claude GUILLAUME	"4 notifications (LHC-HWC-CONTROLS-%) based on role CERN-PE and LHC-HWC-25: Jean-Claude Guillaume, Claude Dehavay, R.Brun, J.Palluel"	"CERN-PE in LHC-HWC-CONTOLS-WORLDFIP-MTF (ORG-001973) Context: Raymond Brun, Julien Palluel"	LHC-HWC-02 EDMS List: Raymond Brun, Julien Palluel, Claude Dehavay,Jean-Claude Guillaume

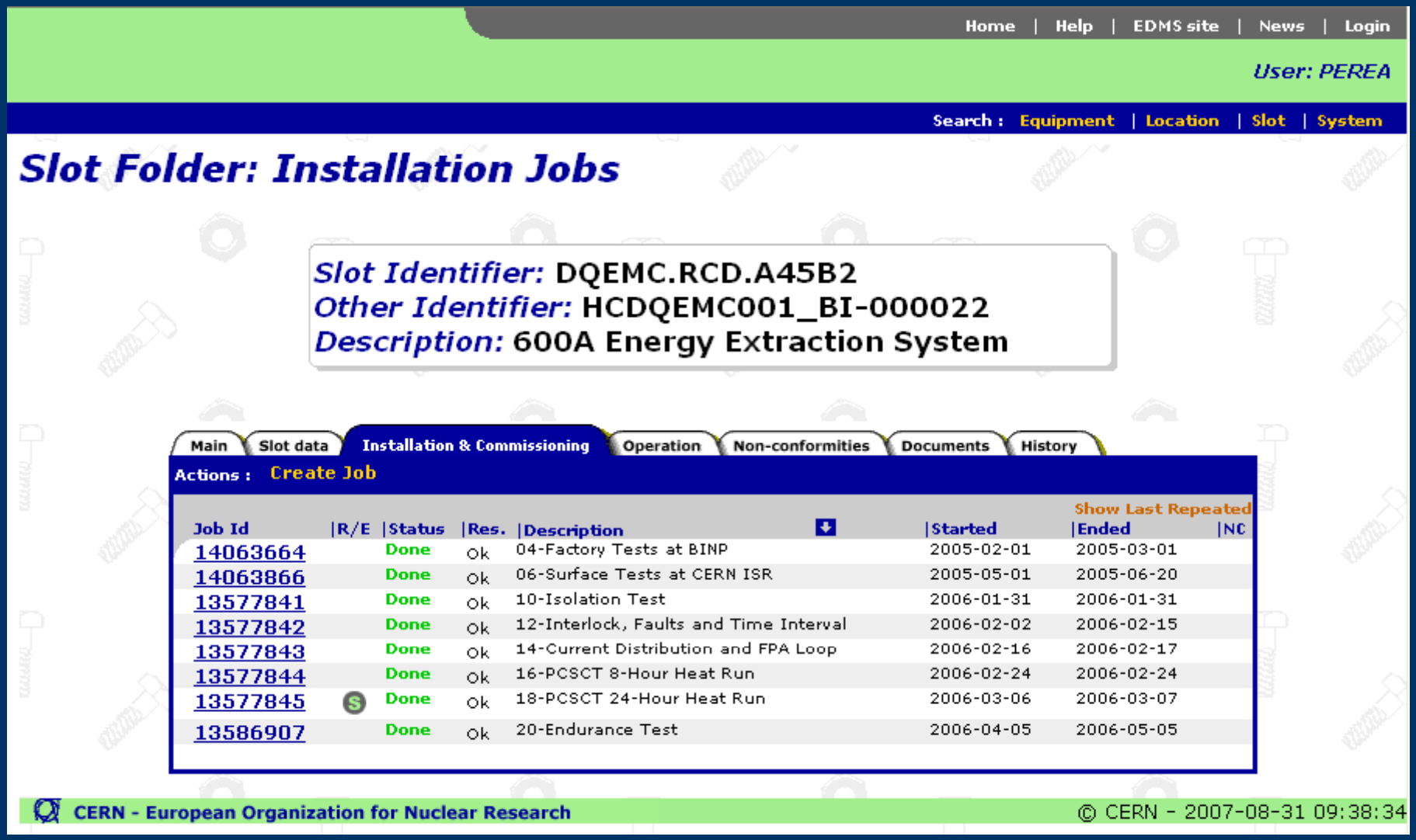
Jean-Claude Guillaume should not be there ?

Access Rights as they are today for WorldFip Segments

600 A Energy Extraction System



600 A Energy Extraction System



+ step *22-PLI T-open at >= 200A*

Slot Identifier: DQEMC.RCD.A45B2
Other Identifier: HCDQEMC001_BI-000022
Description: 600A Energy Extraction System

Main | Slot data | Installation & Commissioning | Operation | Non-conformities | Documents | History

Actions : Edit

External Links

No external data link exists

Property Values

Property	Nominal Value	Value	Unit
Factory Tests at BINP			
FT Dump Resistor Value		0.703	ohm
FT A Breaker IRD		6.2	ms
FT A Breaker ZVRD		10.6	ms
FT A Breaker MSW		11.9	ms
FT B Breaker IRD		5.7	ms
FT B Breaker ZVRD		11.1	ms
FT B Breaker MSW		11.1	ms
FT Z Breaker IRD		6.1	ms
FT Z Breaker ZVRD		11	ms
FT Z Breaker MSW		11.6	ms
FT Time int. Normal Mode		10.6	ms
FT Time int. SOF mode			ms
FT Ura		81.3	mV
FT Urb		85.2	mV
FT Urc		75.9	mV
FT Utotal		338	mV

Surface Tests at CERN ISR		
ST Isolation Value	13	Gohm
ST A Breaker IRD	6.3	ms
ST A Breaker ZVRD	11.1	ms
ST A Breaker MSW	13.1	ms
ST B Breaker IRD	5.6	ms
ST B Breaker ZVRD	11.5	ms
ST B Breaker MSW	12.8	ms
ST Z Breaker IRD	5.7	ms
ST Z Breaker ZVRD	11	ms
ST Z Breaker MSW	12.7	ms
ST Time int. Normal Mode	12.2	ms
ST Time int. SOF mode	43.2	ms
ST Ura	91.5	mV
ST Urb	76	mV
ST Urc	76.1	mV
ST Utotal	332	mV
Isolation Test		
Isolation Value	13	Gohm
Interlock and faults		
A Breaker IRD	15.4	ms
A Breaker ZVRD	20.2	ms
A Breaker MSW		ms
B Breaker IRD	14.6	ms
B Breaker ZVRD	20.2	ms
B Breaker MSW		ms
Z Breaker IRD	45.4	ms
Z Breaker ZVRD	49.6	ms
Z Breaker MSW		ms
Time interval-Normal Mode		ms
Time interval - SOF mode		ms
Current Distribution		
Ura	105.2	mV
Urb	80.8	mV
Urc	62.2	mV
Utotal	409	mV
EDMS Procedure		

+ properties

Opening time: T [ms]

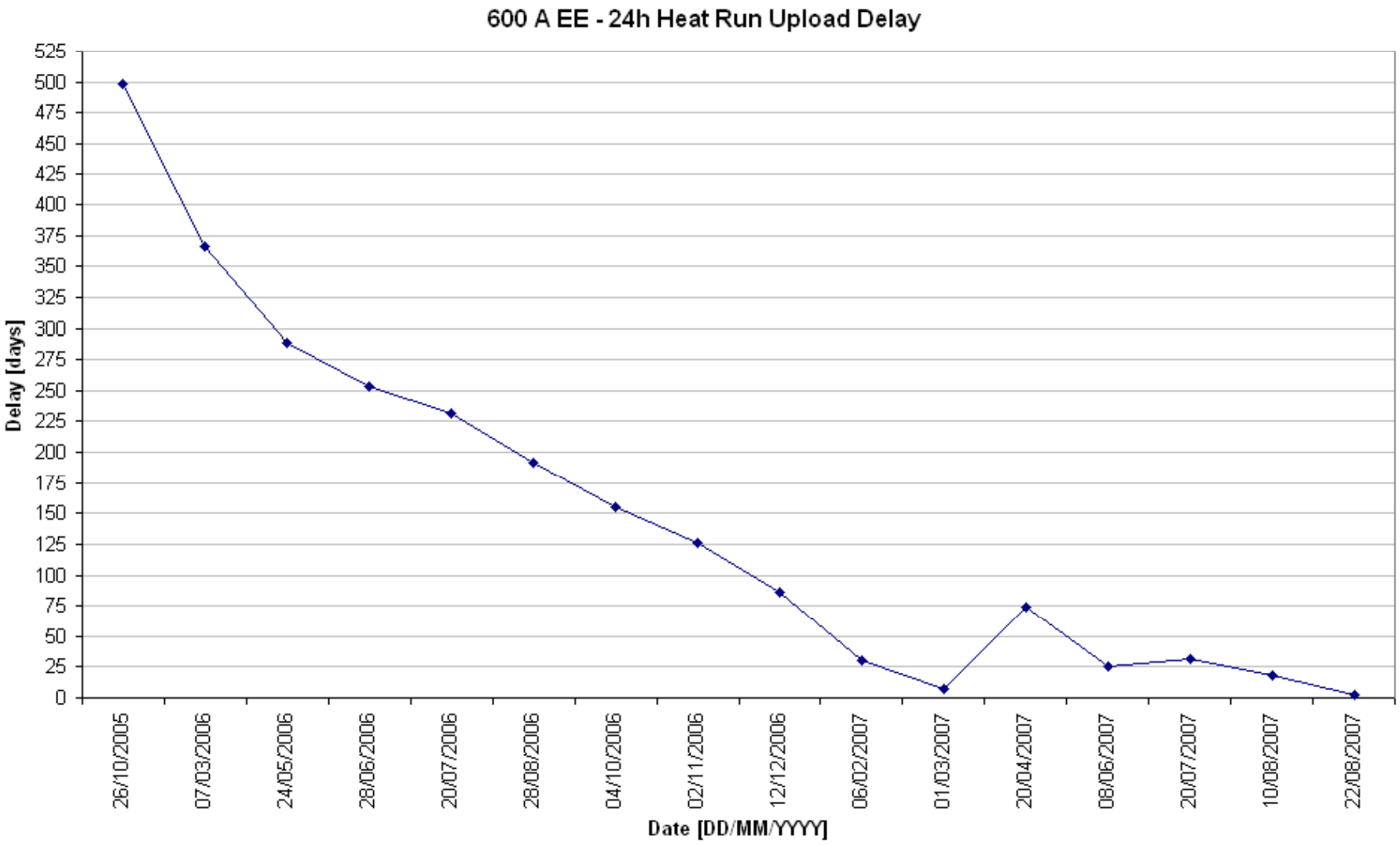
Magnet/circuit current level: I [A]

Maximum extraction resistor voltage: U [V]

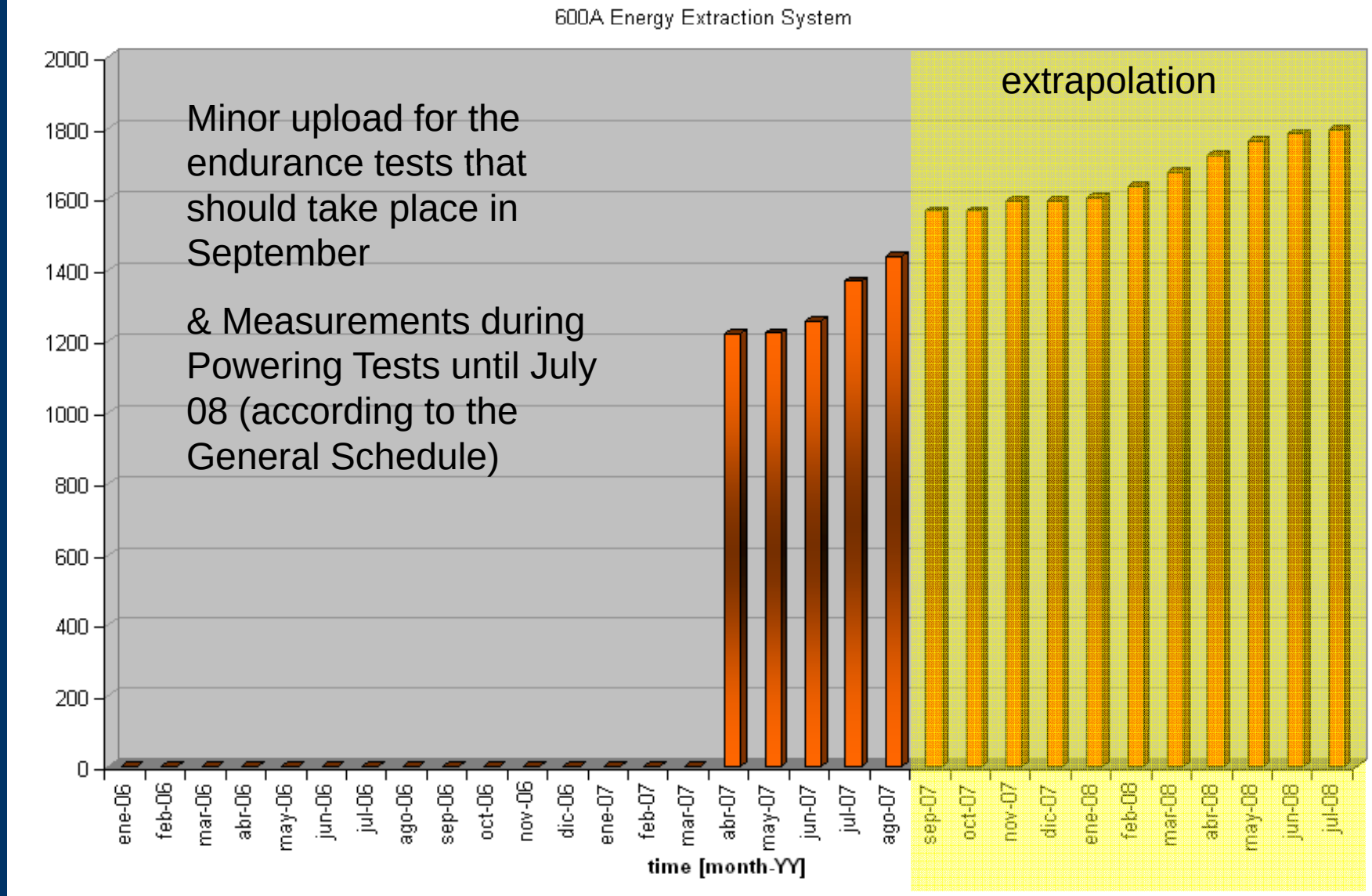
Class Description	**600 A Energy Extraction**
Class Code	**DQE1**
Responsible	**Gert-Jan Coelingh**
Number of Slots	**202**
Number steps	**8**
Number of properties	**49**
% steps uploaded	**96%**
% properties uploaded	**79%**
Documents	**48% entries**
Comments	**2% entries**
NCRs	**204 NCRs (closed) + 2 x 202 to be added**
Upload type	**98% Automatic**
Upload particularities	Property extraction from XLS files by HC
Access Rights	A.Gomez Alonso, A.Hilaire should be removed
Layout Database-MTF Link	**No – Requested by EE**
Expected Modifications	**YES – 1 step + associated 3 properties** **Monthly switch opening tests & maintenance period** **From HC: possibility of extracting a template for new test with Slot ID & Other Identifier**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-ENERGY-E-MTF Group + role LHC-HWC-ENERGY-EXTRA in context LHC-HWC-MTF and D7i: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz, N.Fournier, A.Gomez Alonso,	4 notifications (LHC-HWC-ENERGY-%) based on role CERN-PE and LHC-HWC-27: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz	CERN-PE in LHC-HWC-ENERGY-EXTRACTION-MTF (ORG-002354) Context: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz	LHC-HWC-26 EDMS List: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz,
A.Hilaire, J.Mourao			

Access Rights as they are today for 600 A Energy Extraction System

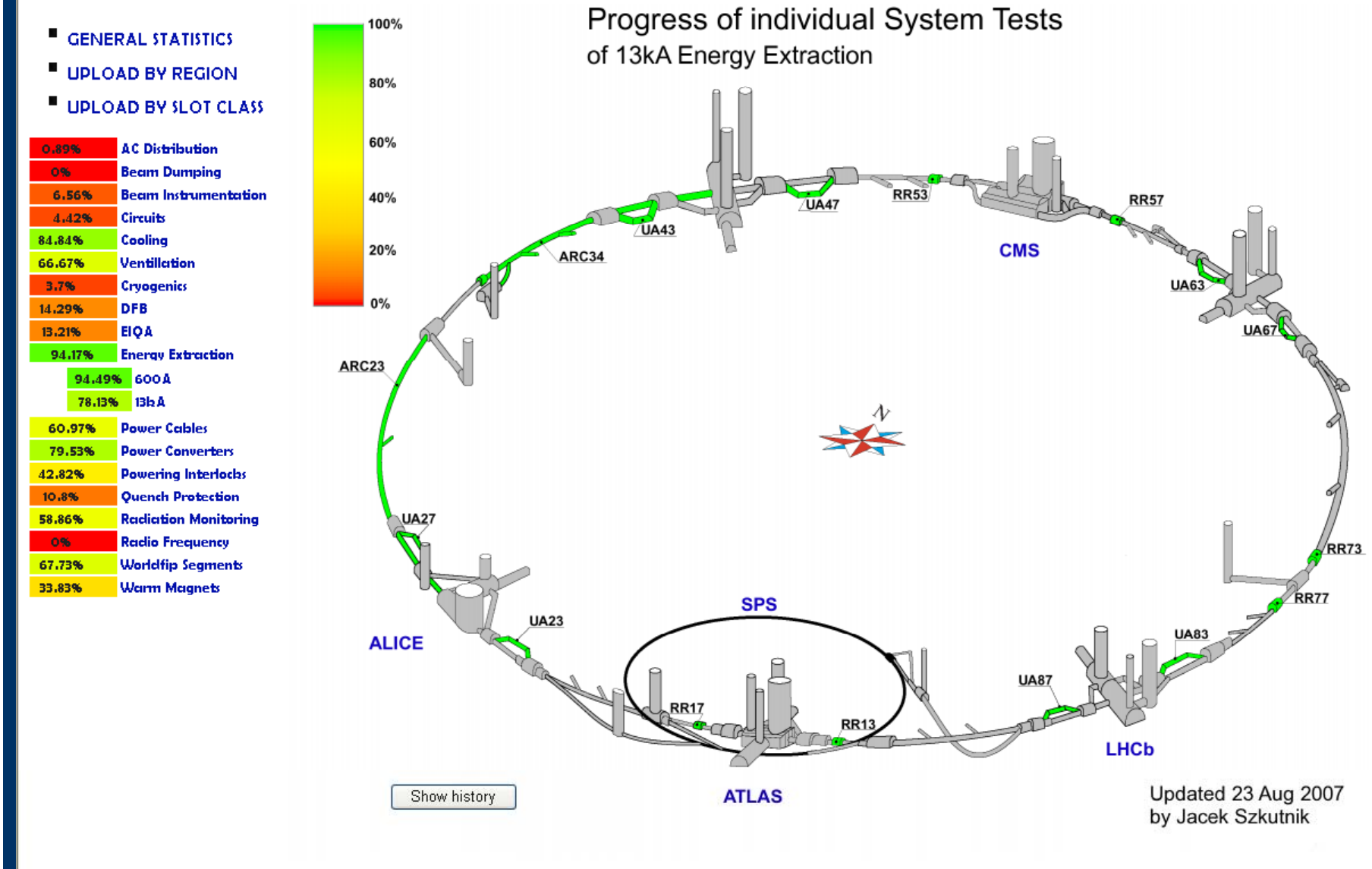


Upload delays have decreased from a few months mid 2006 to a few weeks in 2007

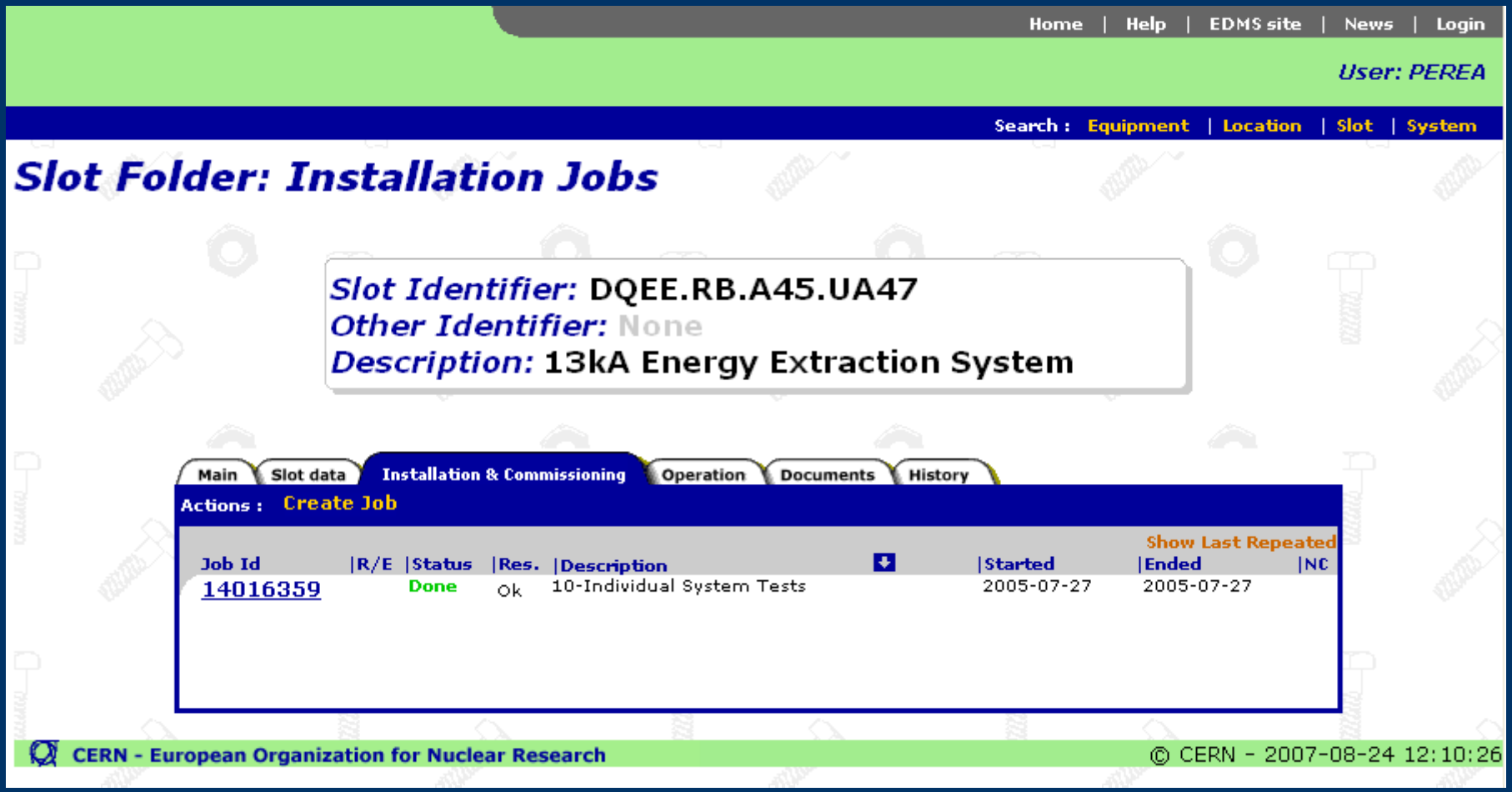


Upload Rate up to August 07 and Expectations up to July 08

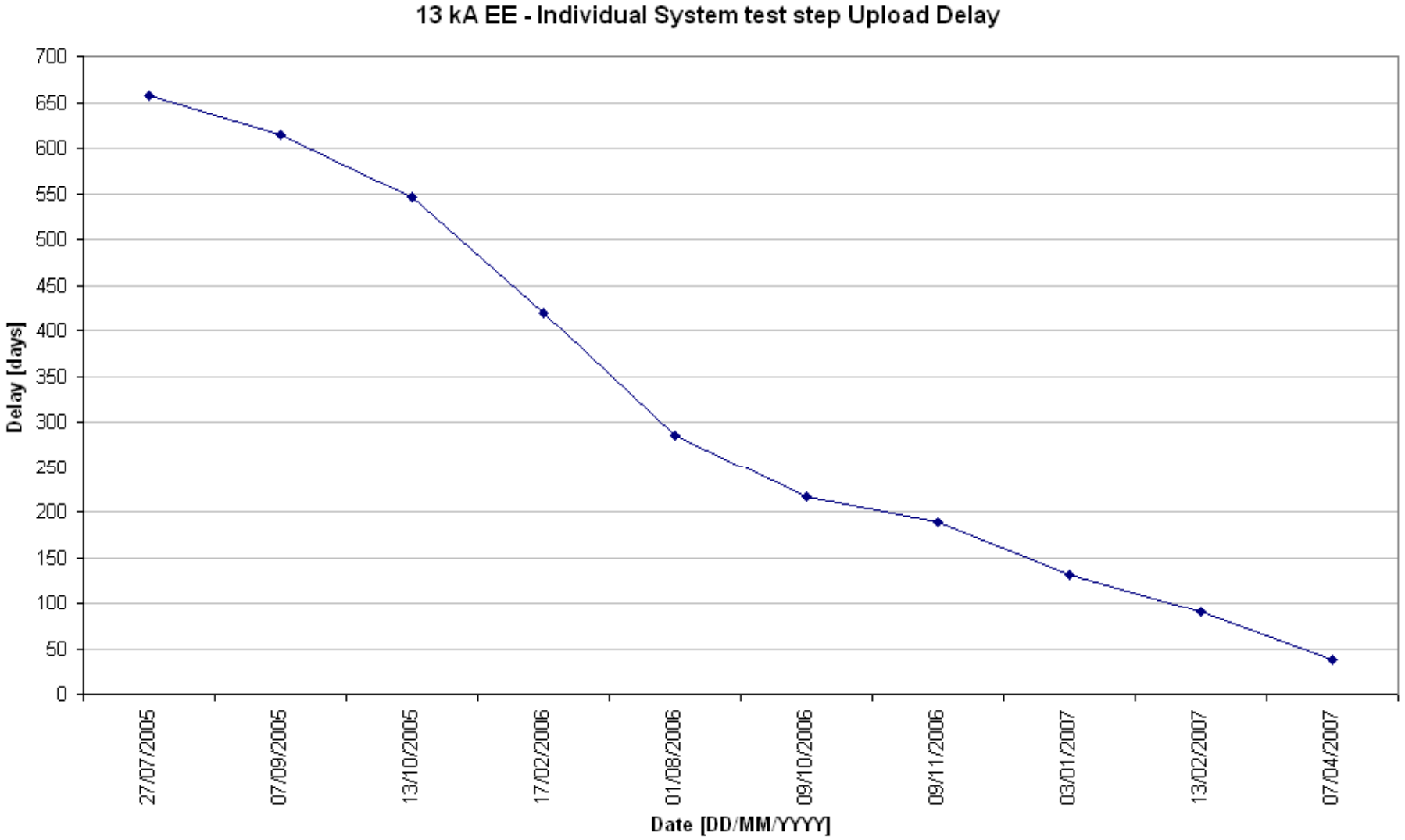
13kA Energy Extraction System



13kA Energy Extraction System



13kA Energy Extraction System

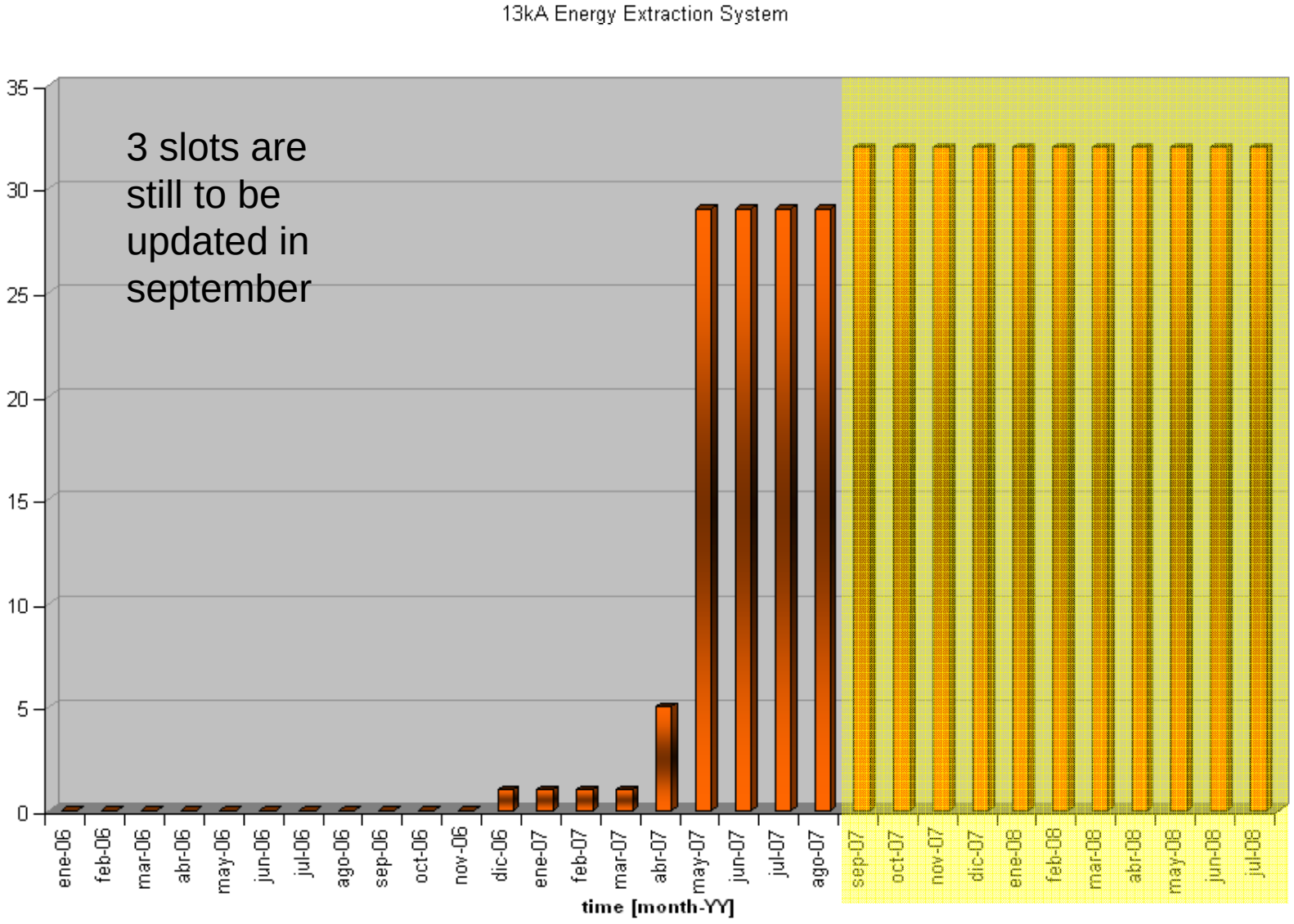


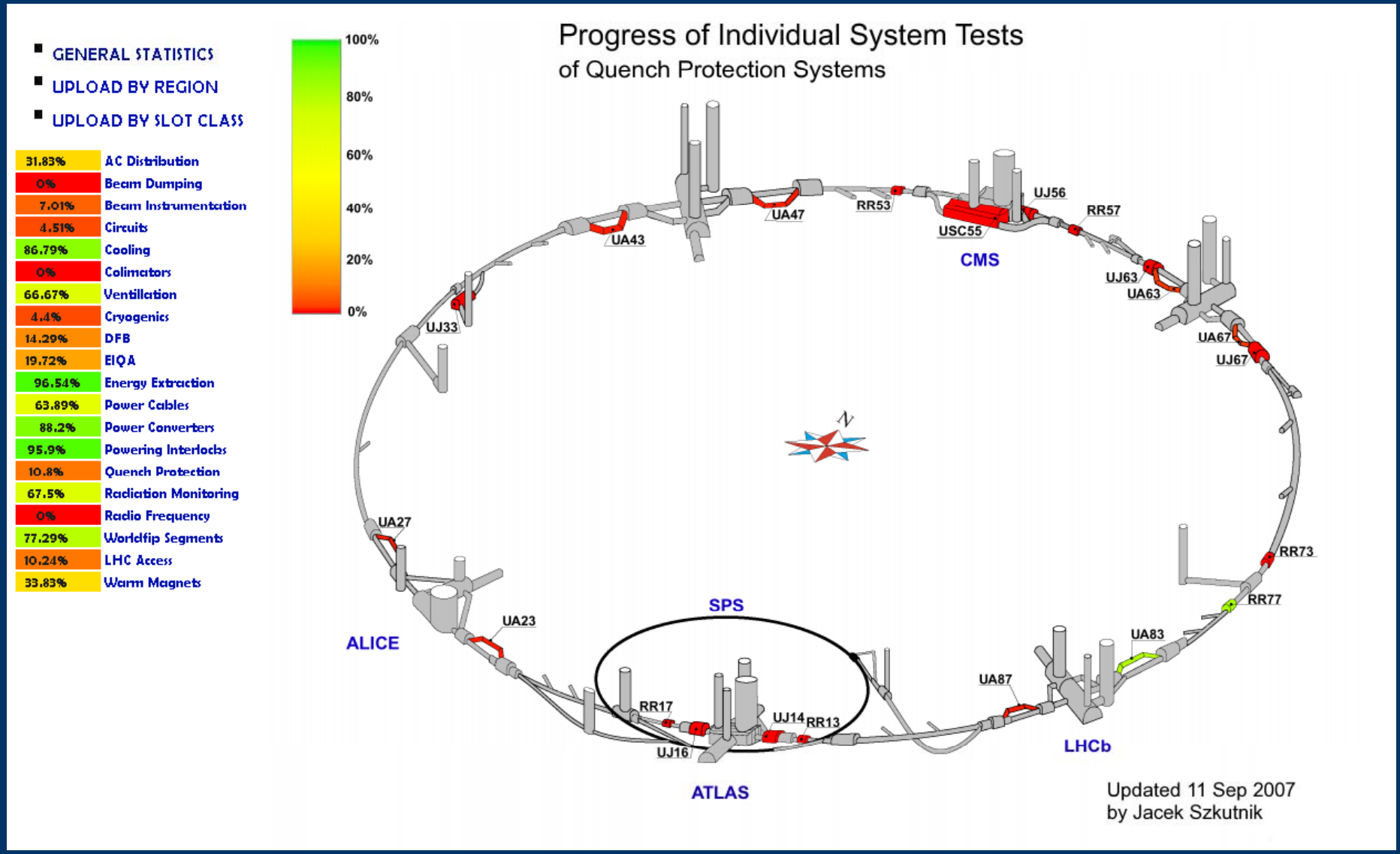
13kA Energy Extraction System

Class Description	**13 kA Energy Extraction**
Class Code	**DQE2**
Responsible	**Knud Dahlerup-Petersen**
Number of Slots	**32**
Number steps	**1**
Number of properties	**1 (EDMS Procedure)**
% steps uploaded	**90%**
% properties uploaded	**N/A**
Documents	**78% entries**
Comments	**3%**
NCRs	**none**
Upload type	**94% Automatic**
Upload particularities	**none**
Access Rights	**See next slide**
Expected Modifications	**NO**

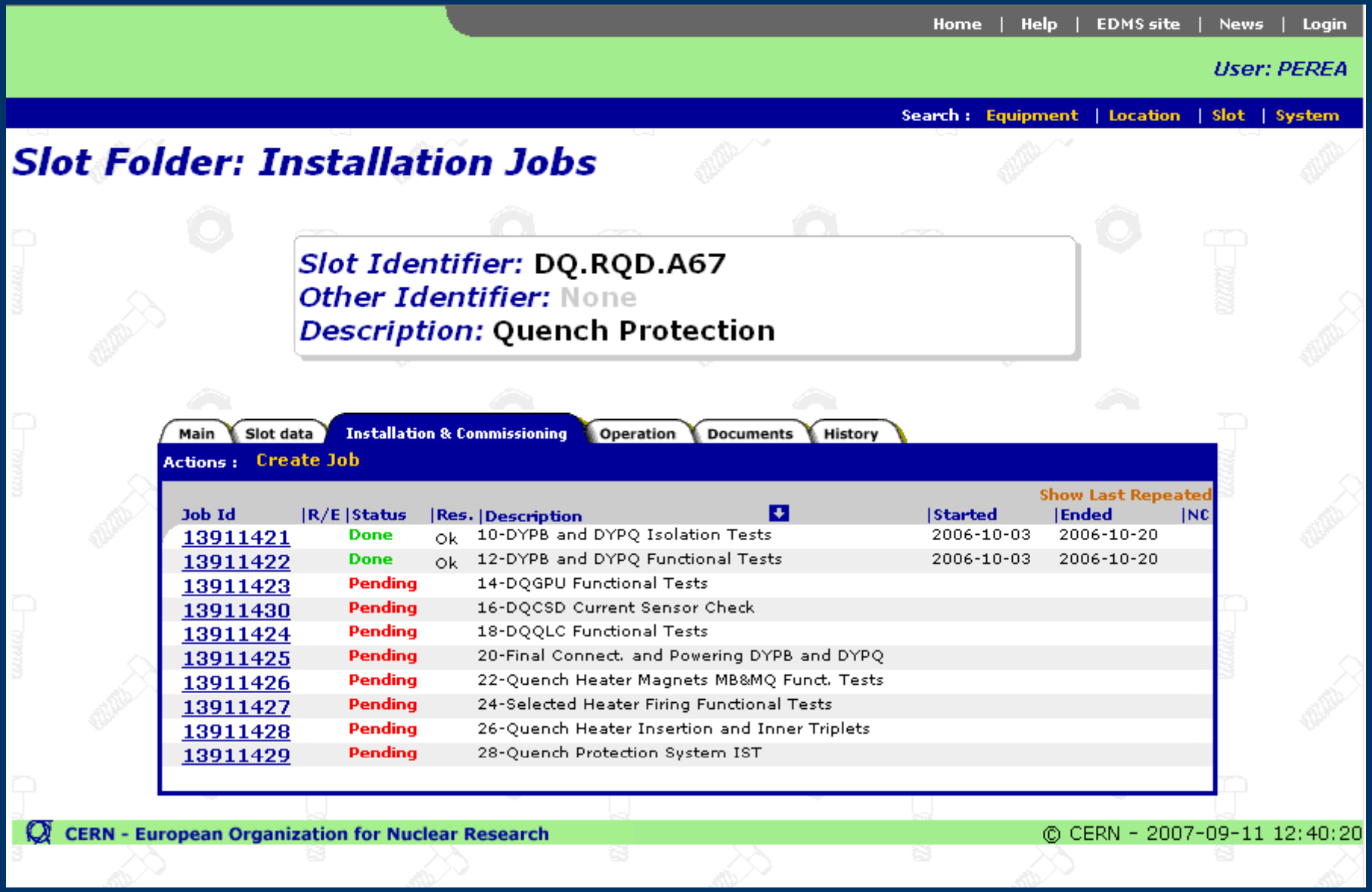
Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-ENERGY-E-MTF Group + role LHC-HWC-ENERGY-EXTRA in context LHC-HWC-MTF and D7i: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz, N.Fournier, A.Gomez Alonso, A.Hilaire, J.Mourao	4 notifications (LHC-HWC-ENERGY-%) based on role CERN-PE and LHC-HWC-27: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz	CERN-PE in LHC-HWC-ENERGY-EXTRACTION-MTF (ORG-002354) Context: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz	LHC-HWC-26 EDMS List: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz,

Access Rights as they are today for 13 kA Energy Extraction System


13kA Energy Extraction System
3 slots are still to be updated in september
35
30
25
20
15
10
5
0
ene-06
feb-06
mar-06
abr-06
may-06
jun-06
jul-06
ago-06
sep-06
oct-06
nov-06
dic-06
ene-07
feb-07
mar-07
abr-07
may-07
jun-07
jul-07
ago-07
sep-07
oct-07
nov-07
dic-07
ene-08
feb-08
mar-08
abr-08
may-08
jun-08
jul-08
time [month-YY]



Quench Protection System

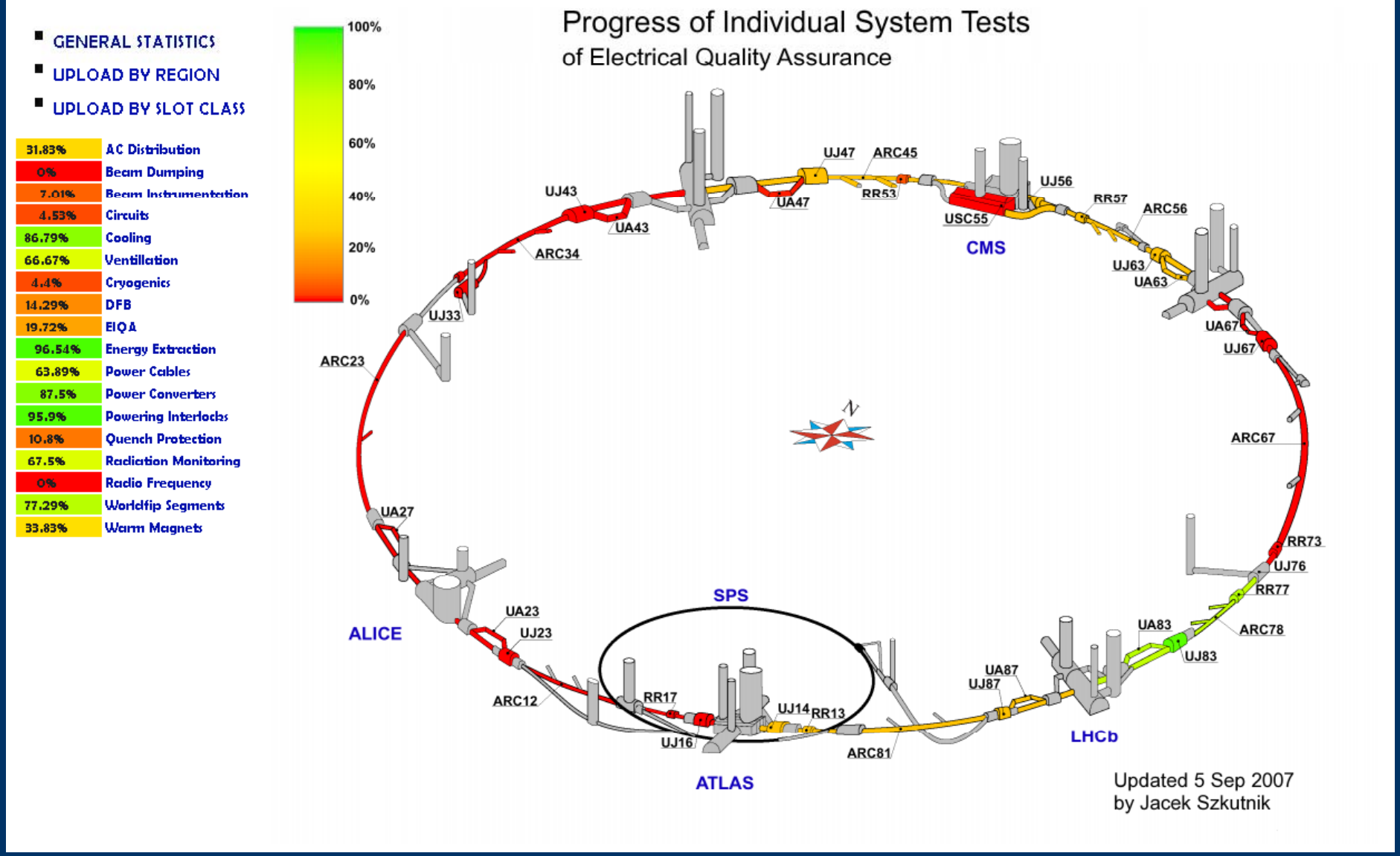


Quench Protection System

Class Description	**Quench Protection**
Class Code	**RC08**
Responsible	**Reiner Denz**
Number of Slots	**552**
Number steps	**10**
Number of properties	**1 (EDMS Procedure)**
% steps uploaded	**11 %**
% properties uploaded	**N/A**
Documents	**3%**
Comments	**81%**
NCRs	**None**
Upload type	**100% Automatic**
Upload particularities	**Scripts to create XML from their database**
Access Rights	**Add Maurice Nibelle ?**
Expected Modifications	**NO**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-ENERGY-E-MTF Group + role LHC-HWC-ENERGY-EXTRA in context LHC-HWC-MTF and D7i: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz, N.Fournier, A.Gomez Alonso, A.Hilaire, J.Mourao, M. Nibelle	4 notifications (LHC-HWC-ENERGY-%) based on role CERN-PE and LHC-HWC-27: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz, M. Nibelle	CERN-PE in LHC-HWC-ENERGY-EXTRACTION-MTF (ORG-002354) Context: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz, M. Nibelle	LHC-HWC-26 EDMS List: K-H.Mess, G.Coelingh, K.Dahlerup-Petersen, R.Denz, M. Nibelle

Access Rights as they are today for Quench Protection System



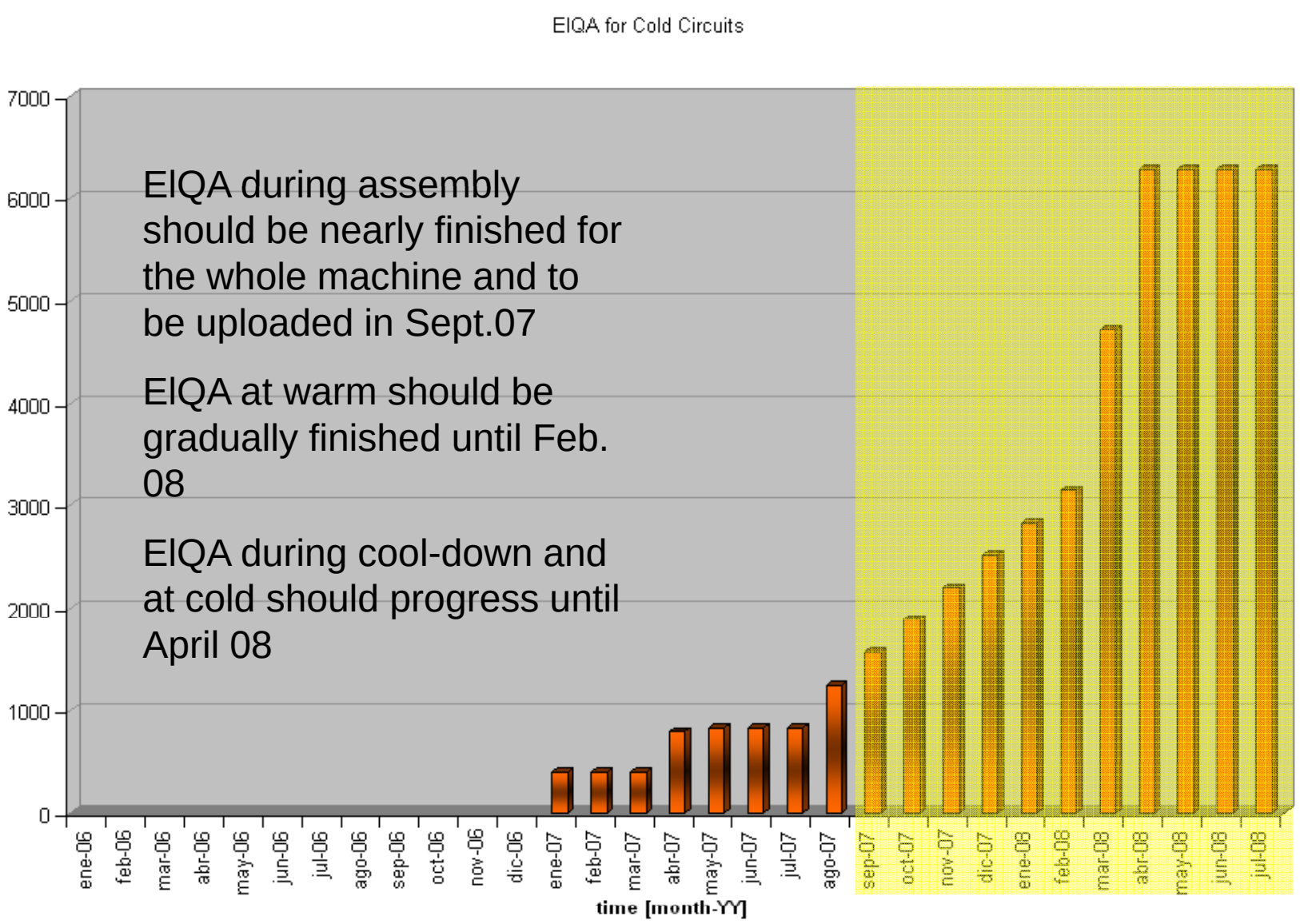
Electrical Quality Assurance for Cold Circuits

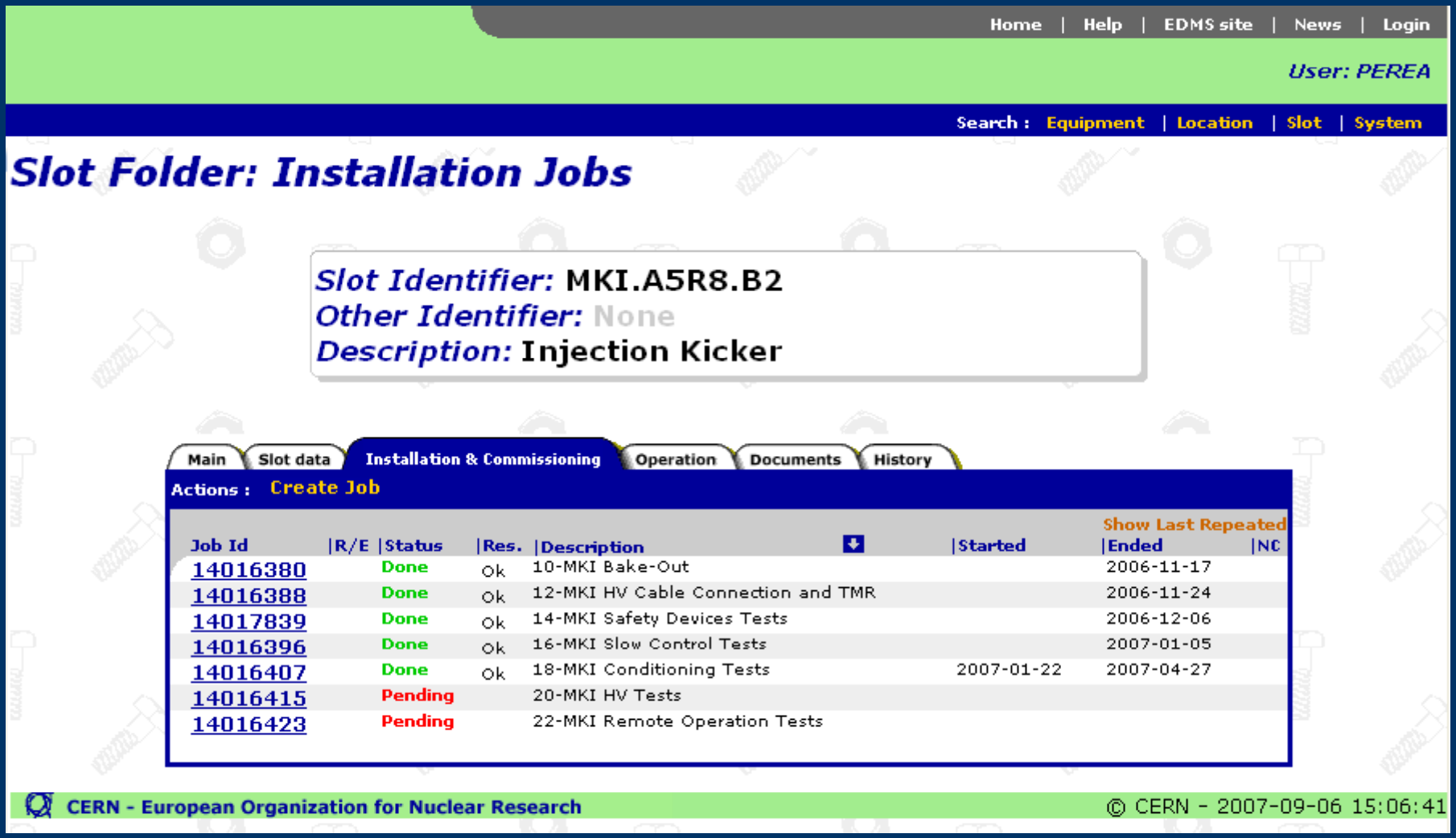
Electrical Quality Assurance for Cold Circuits

Class Description	**ElQA for Cold Circuit**
Class Code	**RC14**
Responsible	**Davide Bozzini**
Number of Slots	**1572**
Number steps	**4**
Number of properties	**1 (EDMS Procedure)**
% steps uploaded	**20%**
% properties uploaded	**N/A**
Documents	**none**
Comments	**22%**
NCRs	**16**
Upload type	**97% automatic upload**
Upload particularities	**none**
Access Rights	**As shown in next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-ELQA-MTF Group + role LHC-HWC-ELQA in context LHC-HWC-MTF and D7i: D.Bozzini, V.Chareyre, A.Kotarba, S.Olek, V.Szeflinski, S.Russenschuck, K.H.Mess	4 notifications (LHC-HWC-ELQA-%) based on role CERN-PE and LHC-HWC-39: D.Bozzini, S.Russenschuck	CERN-PE in LHC-HWC-ELQA-MTF (ORG-001978) Context: D.Bozzini, S.Russenschuck	LHC-HWC-38 EDMS List: D.Bozzini, V.Chareyre, A.Kotarba, S.Olek, V.Szeflinski, S.Russenschuck, K.H.Mess

Access Rights as they are today for ElQA for Cold Circuits


ElQA for Cold Circuits
7000
6000
5000
4000
3000
2000
1000
0
ElQA during assembly should be nearly finished for the whole machine and to be uploaded in Sept.07
ElQA at warm should be gradually finished until Feb. 08
ElQA during cool-down and at cold should progress until April 08
ene-06
feb-06
mar-06
abr-06
may-06
jun-06
jul-06
ago-06
sep-06
oct-06
nov-06
dic-06
ene-07
feb-07
mar-07
abr-07
may-07
jun-07
jul-07
ago-07
sep-07
oct-07
nov-07
dic-07
ene-08
feb-08
mar-08
abr-08
may-08
jun-08
jul-08
time [month-YY]

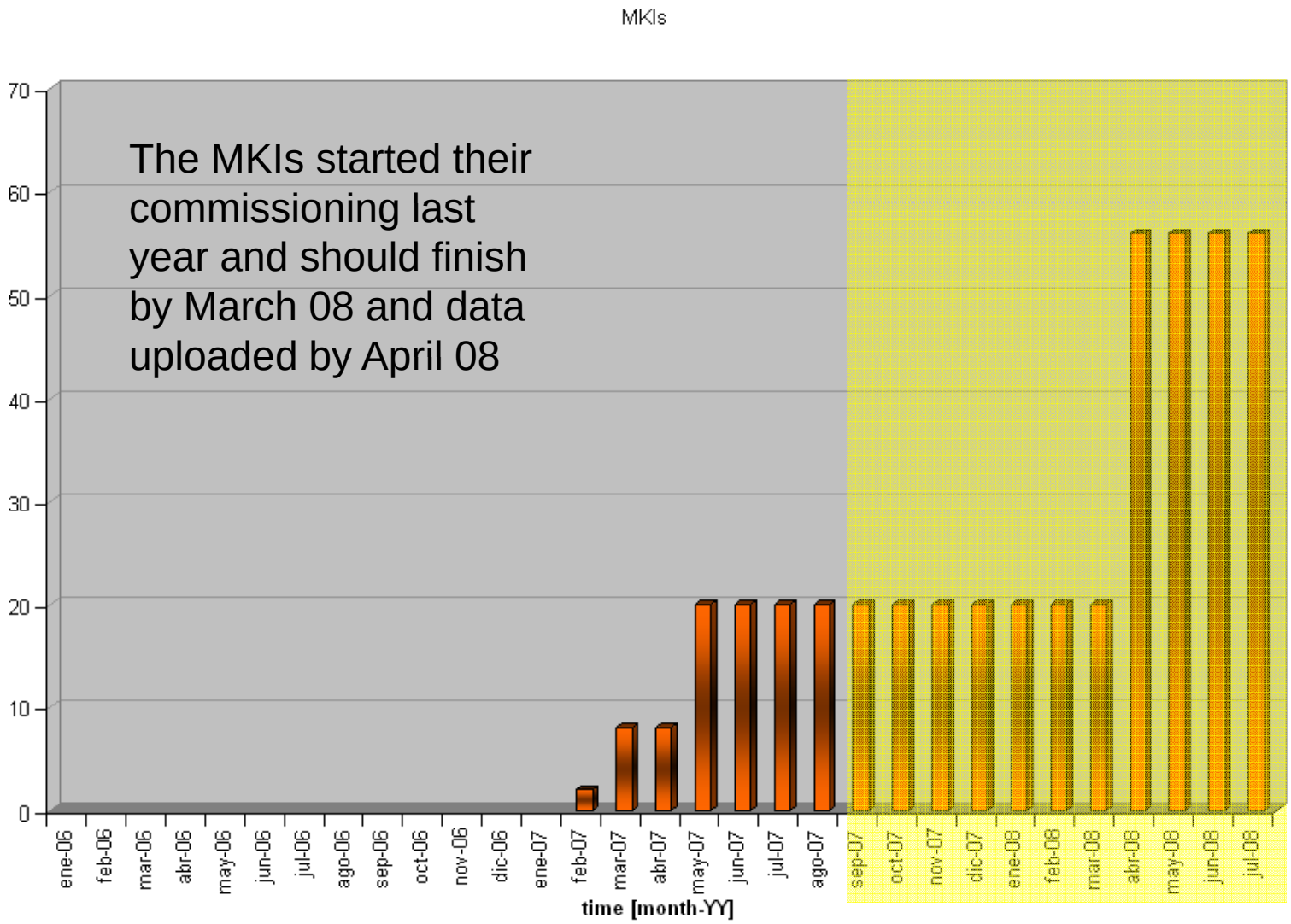


Injection Kicker

Class Description	**Injection Kicker**
Class Code	**MKI**
Responsible	**Laurent Ducimetiere**
Number of Slots	**8**
Number steps	**7**
Number of properties	**1 (EDMS Procedure)**
% steps uploaded	**36 %**
% properties uploaded	**N/A**
Documents	**None**
Comments	**None**
NCRs	**None**
Upload type	**100% manual upload**
Upload particularities	**None**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO** **For HC Team: no view available in the “progress”**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-AC-DISTR-MTF Group + role LHC-HWC-AC in context LHC-HWC-MTF and D7i: GARREL, DUCIMETI, FCASTRO, BARNESM	"4 notifications (LHC-HWC-AC-DISTRI-%) based on role CERN-PE and LHC-HWC-31: Noel Garrel, Francesco Castronuovo,Laurent Ducimetiere, Mike Barnes	CERN-PE in LHC-HWC-INJECTION-KICKER-MTF (ORG-002357) Context: Noel Garrel, Francesco Castronuovo, Laurent Ducimetiere, Mike Barnes	LHC-HWC-30 EDMS List: Noel Garrel, Francesco Castronuovo, Laurent Ducimetiere, Mike Barnes

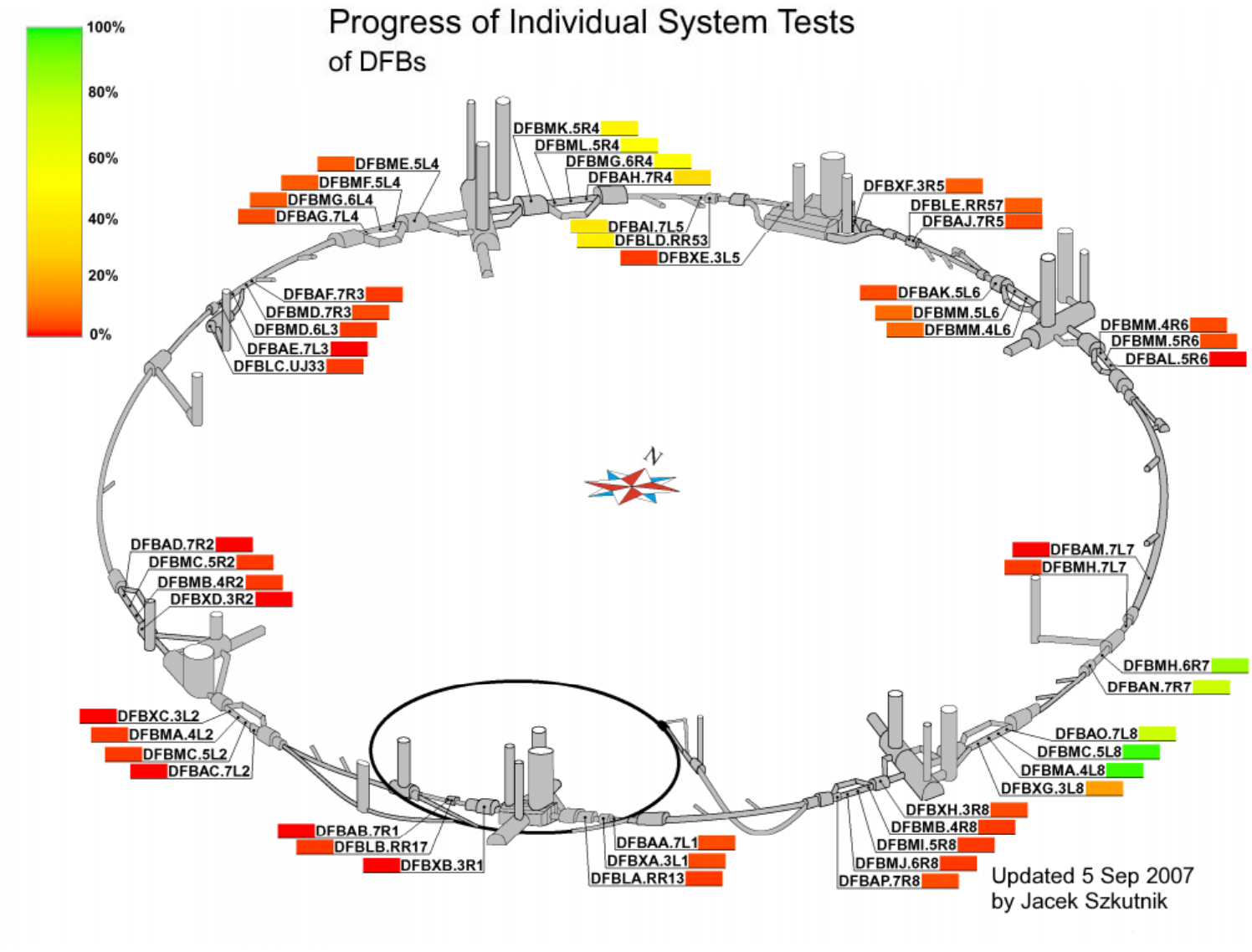
Access Rights as they are today for Injection Kickers



Access Rights as they are today for Injection Kickers

- GENERAL STATISTICS
- UPLOAD BY REGION
- UPLOAD BY SLOT CLASS

31.83%	AC Distribution
0%	Beam Dumping
7.01%	Beam Instrumentation
4.53%	Circuits
86.79%	Cooling
66.67%	Ventillation
4.4%	Cryogenics
14.29%	DFB
19.72%	EIQA
96.54%	Energy Extraction
63.89%	Power Cables
87.5%	Power Converters
95.9%	Powering Interlocks
10.8%	Quench Protection
67.5%	Radiation Monitoring
0%	Radio Frequency
77.29%	Worldfip Segments
33.83%	Warm Magnets

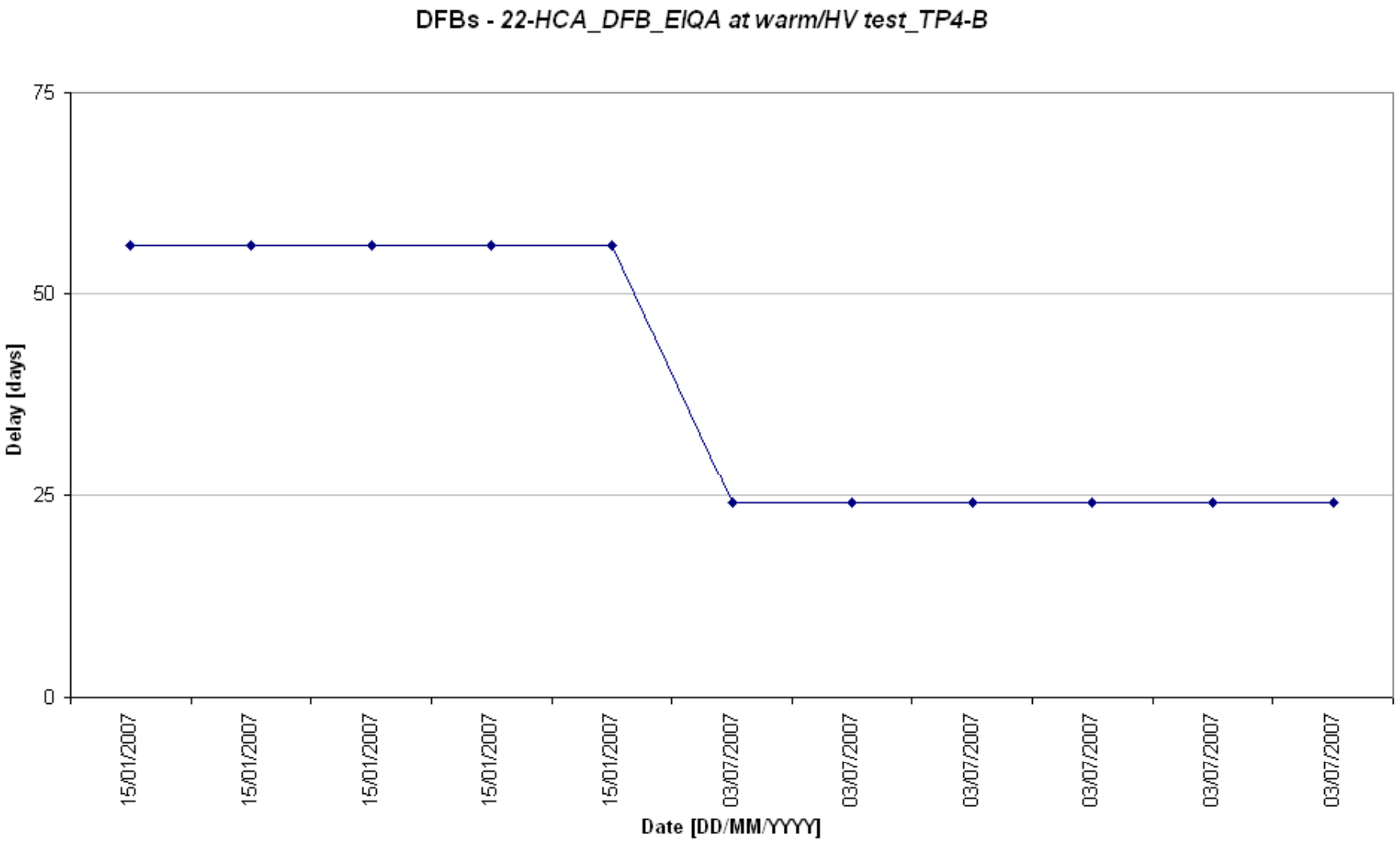


DFBs

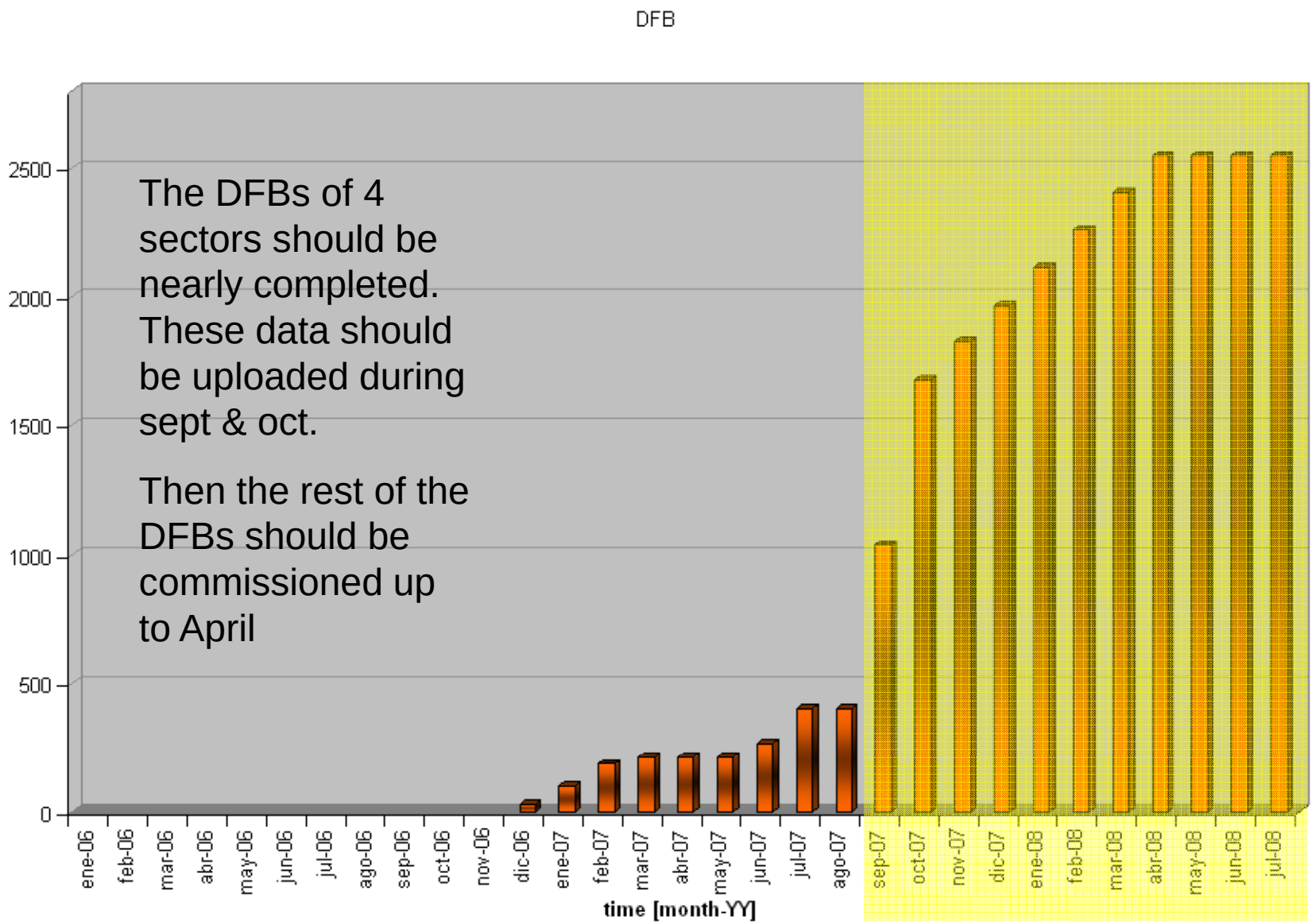
Class Description	**DFBs**
Class Code	**DFB**
Responsible	**Mirko Pojer**
Number of Slots	**52**
Number steps	**49**
Number of properties	**none**
% steps uploaded	**16%**
% properties uploaded	**N/A**
Documents	**None**
Comments	**8% entries**
NCRs	**None**
Upload type	**95% manual upload**
Upload particularities	**None**
Access Rights	**Not defined yet (LHC-HWC-MTF)**
Layout Database-MTF Link	**?**
Expected Modifications	**NO**

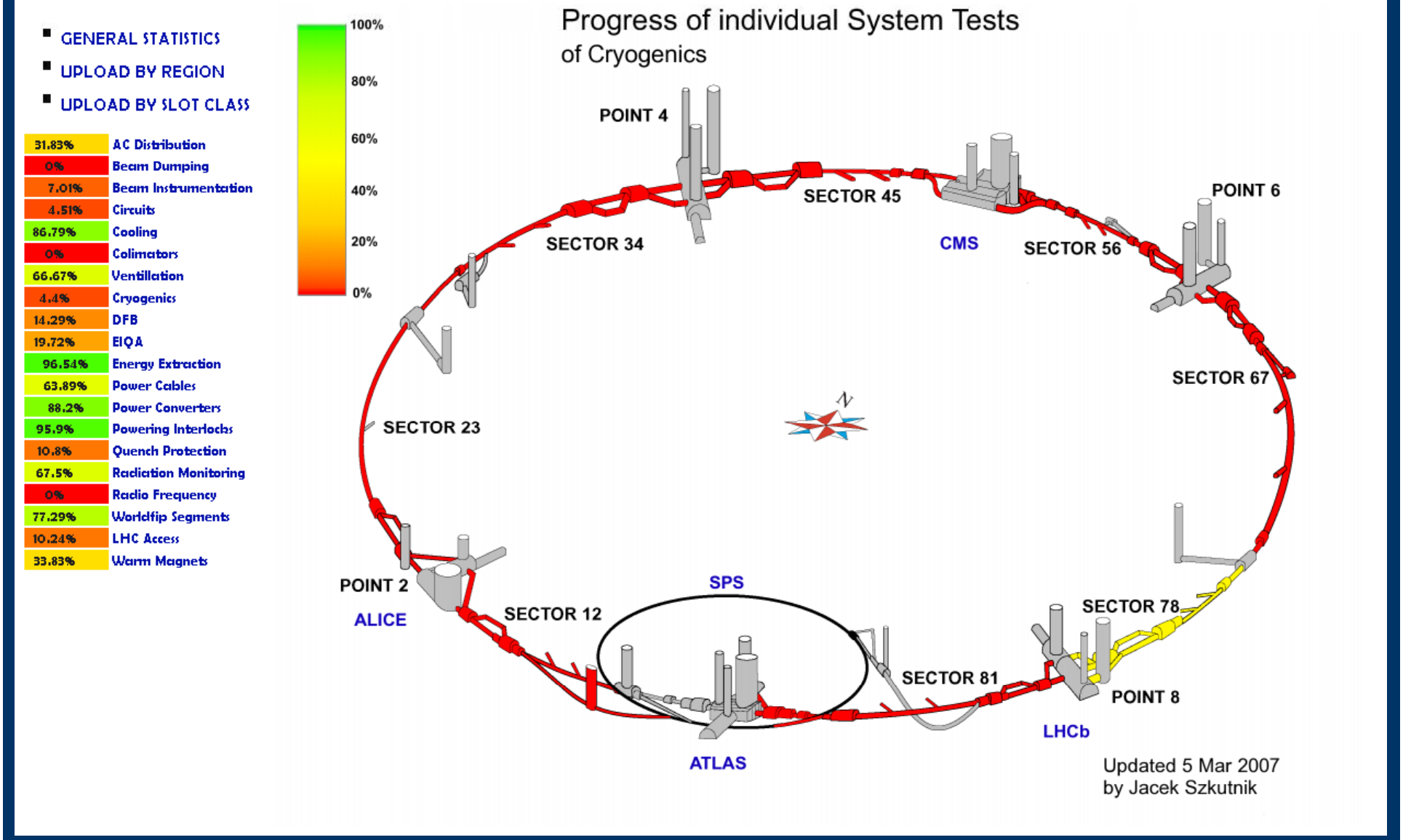
Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
Not defined yet	Not defined yet	Not defined yet	Not defined yet

Access Rights as they are today for DFBs

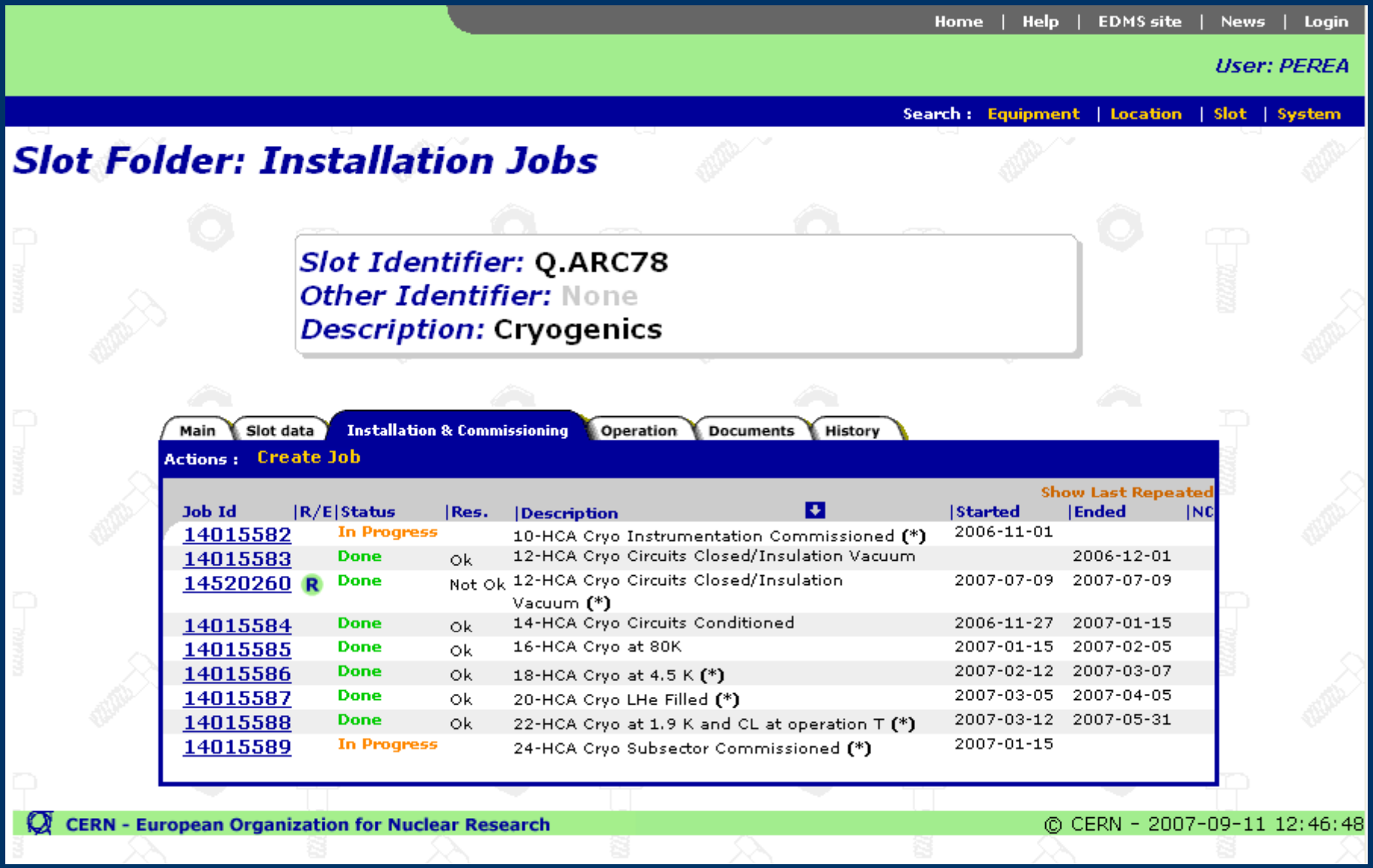


Uploads can oscillate between 24 and 56 days

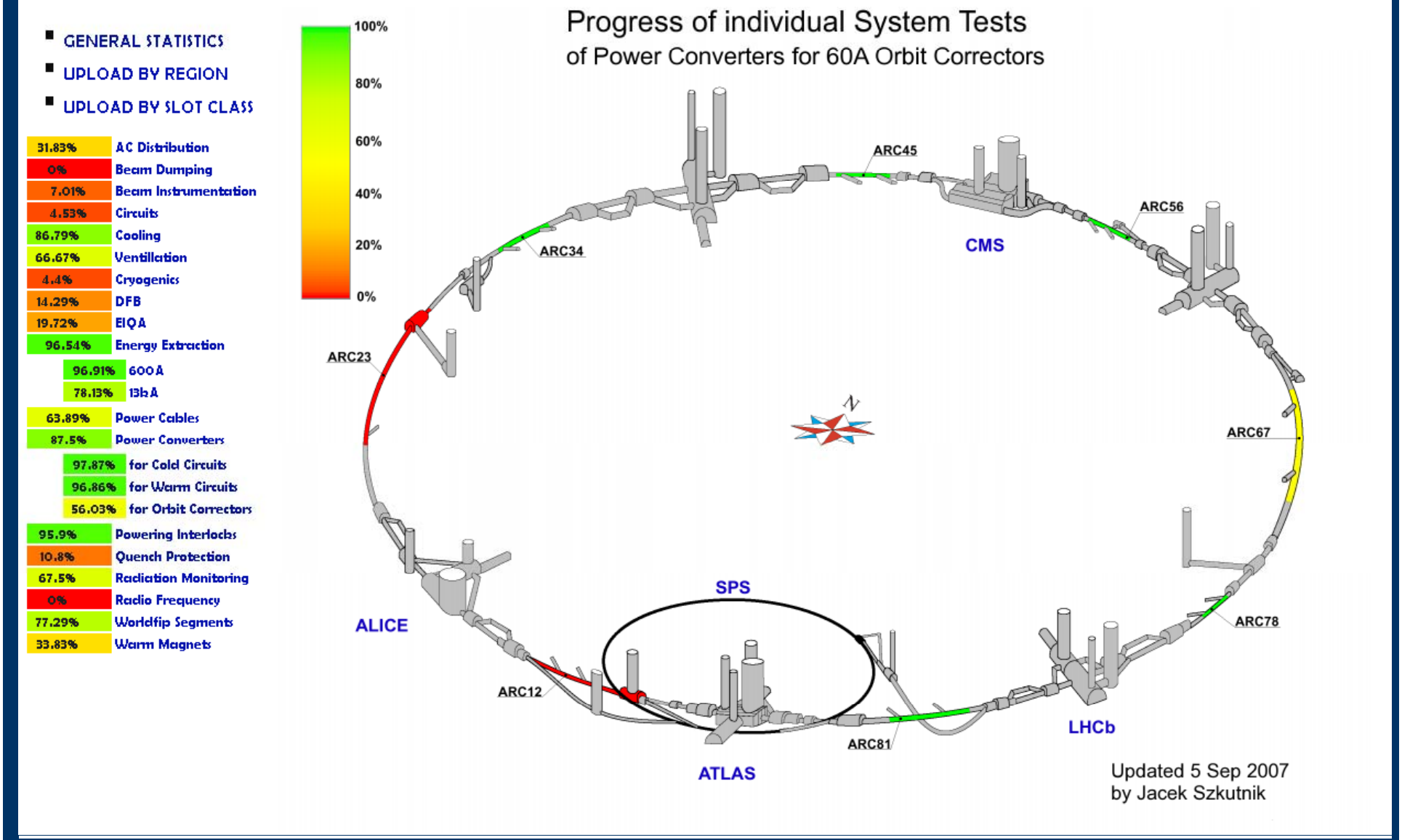

DFB
The DFBs of 4 sectors should be nearly completed. These data should be uploaded during sept & oct.
Then the rest of the DFBs should be commissioned up to April
2500
2000
1500
1000
500
0
ene-06
feb-06
mar-06
abr-06
may-06
jun-06
jul-06
ago-06
sep-06
oct-06
nov-06
dic-06
ene-07
feb-07
mar-07
abr-07
may-07
jun-07
jul-07
ago-07
sep-07
oct-07
nov-07
dic-07
ene-08
feb-08
mar-08
abr-08
may-08
jun-08
jul-08
time [month-YY]


GENERAL STATISTICS
UPLOAD BY REGION
UPLOAD BY SLOT CLASS
31.83% AC Distribution
0% Beam Dumping
7.01% Beam Instrumentation
4.51% Circuits
86.79% Cooling
0% Colimators
66.67% Ventillation
4.4% Cryogenics
14.29% DFB
19.72% EIQA
96.54% Energy Extraction
63.89% Power Cables
88.2% Power Converters
95.9% Powering Interlocks
10.8% Quench Protection
67.5% Radiation Monitoring
0% Radio Frequency
77.29% Worldfip Segments
10.24% LHC Access
33.83% Warm Magnets
100%
80%
60%
40%
20%
0%
Progress of individual System Tests
of Cryogenics
POINT 4
SECTOR 45
POINT 6
SECTOR 34
CMS
SECTOR 56
SECTOR 67
N
SECTOR 23
POINT 2
ALICE
SECTOR 12
SPS
SECTOR 78
SECTOR 81
POINT 8
LHCb
ATLAS
Updated 5 Mar 2007
by Jacek Szkutnik

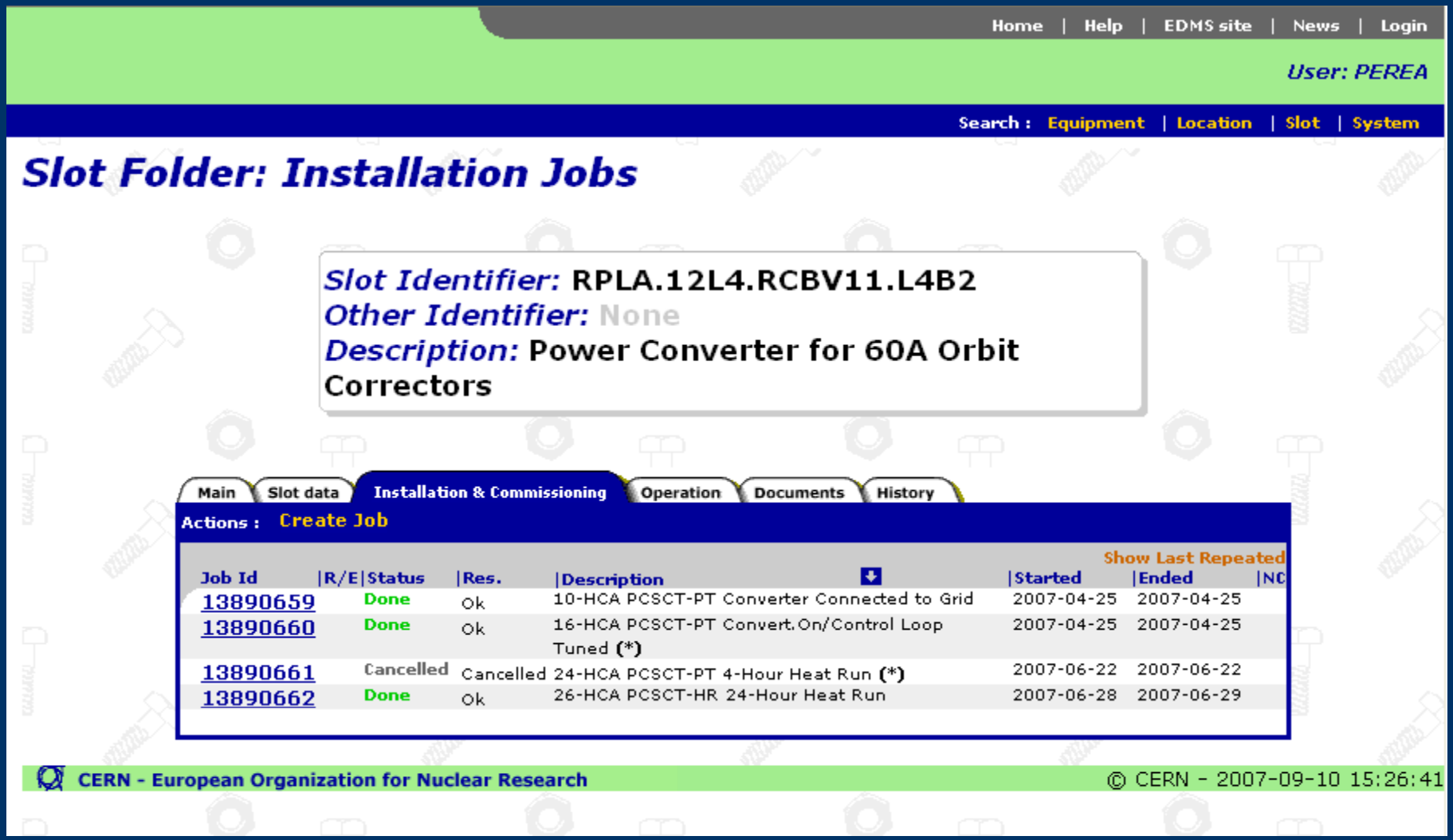
Cryogenics


Home | Help | EDMS site | News | Login
User: PEREA
Search : Equipment | Location | Slot | System
Slot Folder: Installation Jobs
Slot Identifier: Q.ARC78
Other Identifier: None
Description: Cryogenics
Main
Slot data
Installation & Commissioning
Operation
Documents
History
Actions : Create Job
Show Last Repeated
Job Id | R/E | Status | Res. | Description | Started | Ended | NC
14015582 In Progress 10-HCA Cryo Instrumentation Commissioned (*) 2006-11-01
14015583 Done Ok 12-HCA Cryo Circuits Closed/Insulation Vacuum 2006-12-01
14520260 R Done Not Ok 12-HCA Cryo Circuits Closed/Insulation Vacuum (*) 2007-07-09 2007-07-09
14015584 Done Ok 14-HCA Cryo Circuits Conditioned 2006-11-27 2007-01-15
14015585 Done Ok 16-HCA Cryo at 80K 2007-01-15 2007-02-05
14015586 Done Ok 18-HCA Cryo at 4.5 K (*) 2007-02-12 2007-03-07
14015587 Done Ok 20-HCA Cryo LHe Filled (*) 2007-03-05 2007-04-05
14015588 Done Ok 22-HCA Cryo at 1.9 K and CL at operation T (*) 2007-03-12 2007-05-31
14015589 In Progress 24-HCA Cryo Subsector Commissioned (*) 2007-01-15
CERN - European Organization for Nuclear Research
© CERN - 2007-09-11 12:46:48

Cryogenics



60 A Power Converters



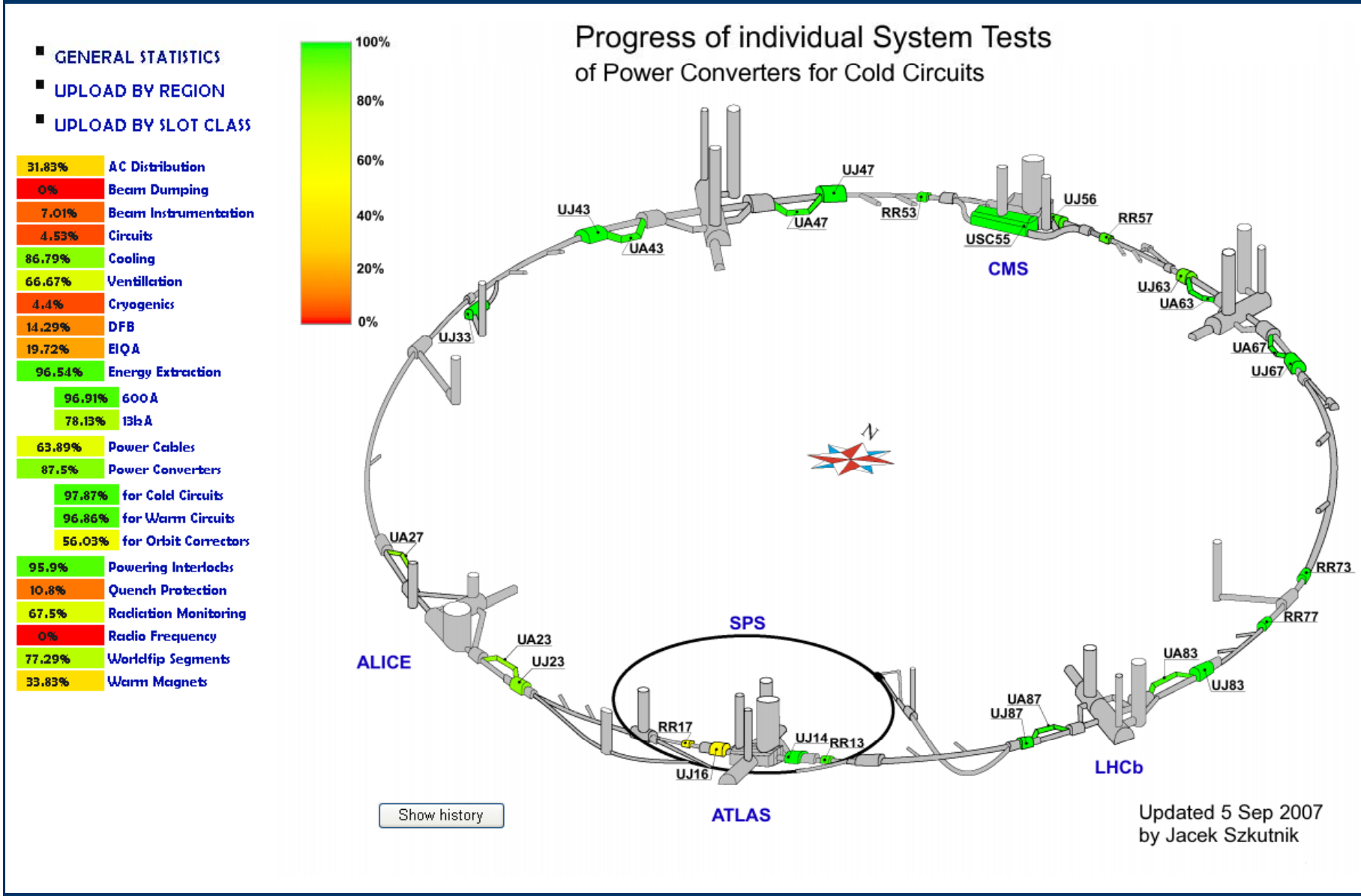
60 A Power Converters

Class Description	**Power Converter for 60 A Orbit Correctors**
Class Code	**RPLA**
Responsible	**Jeff Thomsen & Hugues Thiesen**
Number of Slots	**752**
Number steps	**5**
Number of properties	**1 (EDMS procedure)**
% steps uploaded	**56%**
% properties uploaded	**N/A**
Documents	**32% entries**
Comments	**33% entries**
NCRs	**none**
Upload type	**100% automatic**
Upload particularities	**none**
Access Rights	**Patrice Bailly & Jeff Thomsen & Carlos Castillo should also have rights !**
Layout Database-MTF Link	**?**
Expected Modifications	**For MTF: Eliminate step 30 from Sector 78 (cancelled)**

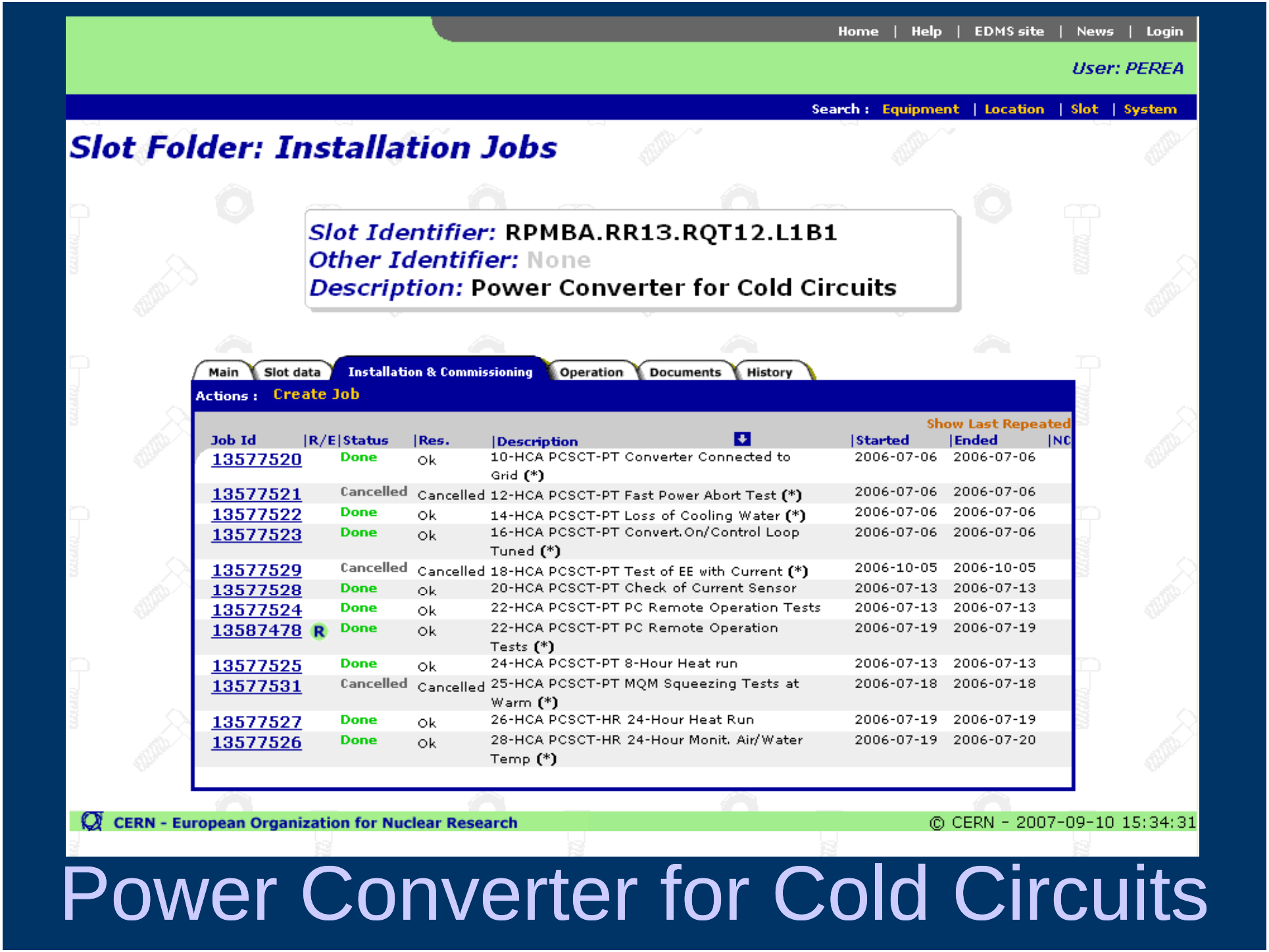
Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-RPLA-MTF Group + role LHC-HWC-RPLA in context LHC-HWC-MTF and D7i: David Nisbet, Valerie Montabonnet	4 notifications (LHC-HWC-RPLA-%) based on role CERN-PE and LHC-HWC-65: David Nisbet, Valerie Montabonnet, Laurent Ceccone, Quentin King, Gunnar Fernqvist, Frederick Bordry	CERN-PE in LHC-HWC-RPLA-MTF (ORG-002419) Context: David Nisbet, Valerie Montabonnet	LHC-HWC-64 EDMS list: David Nisbet, Valerie Montabonnet, Laurent Ceccone, Quentin King, Gunnar Fernqvist, Frederick Bordry

Patrice Bailly & Jeff Thomsen & Carlos Castillo should also have rights !

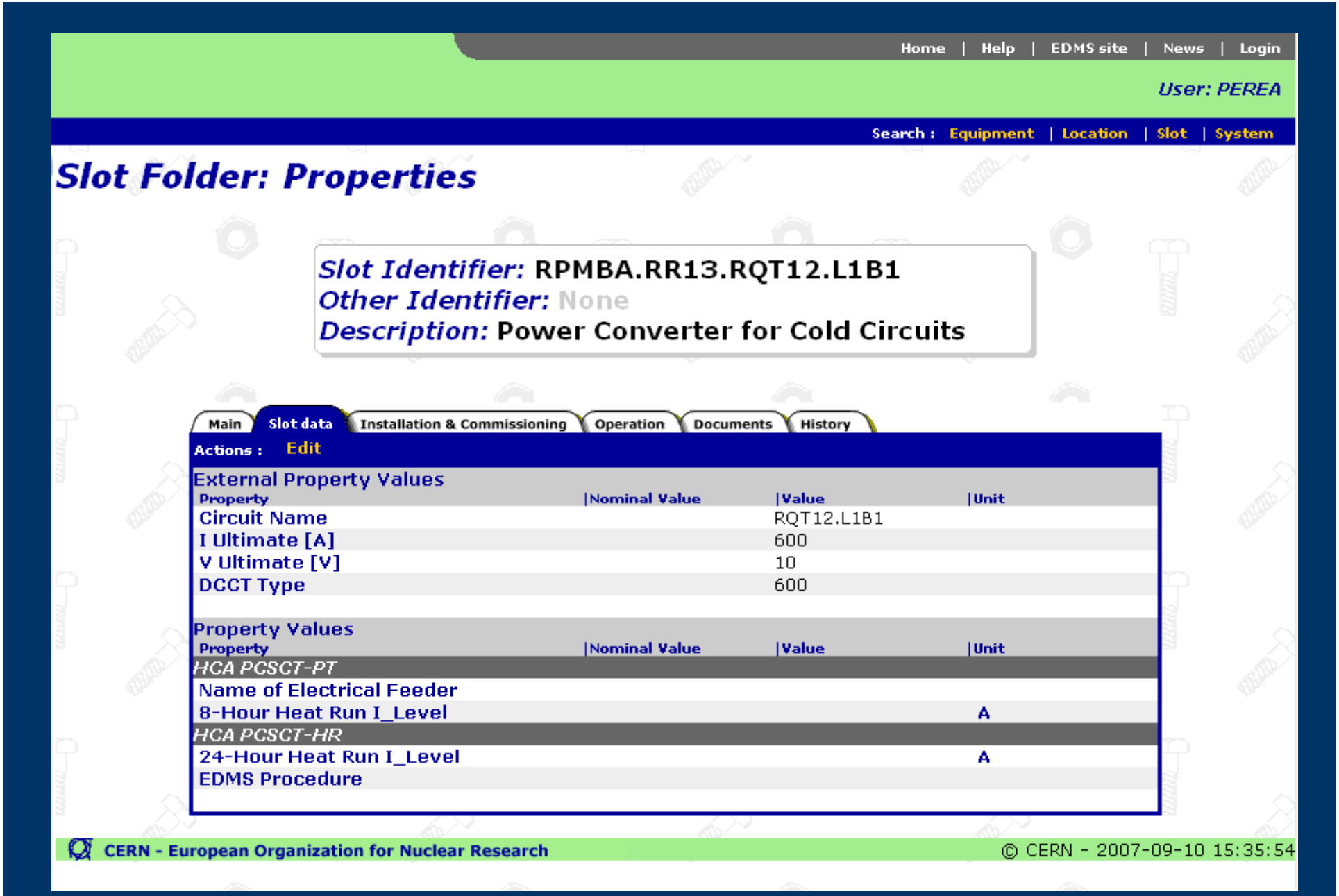
Access Rights as they are today for 60 A Power Converters



Power Converter for Cold Circuits



Power Converter for Cold Circuits

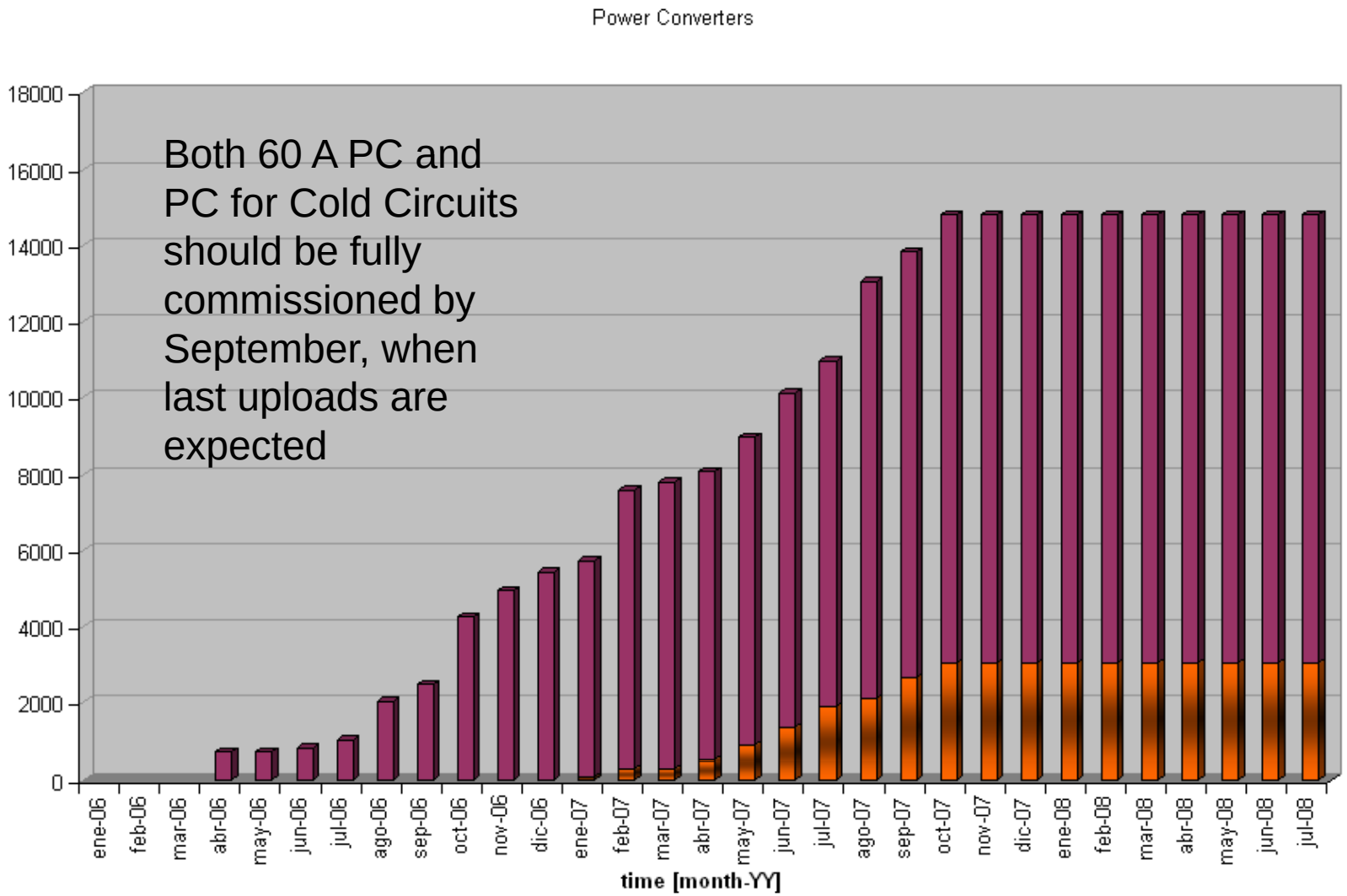


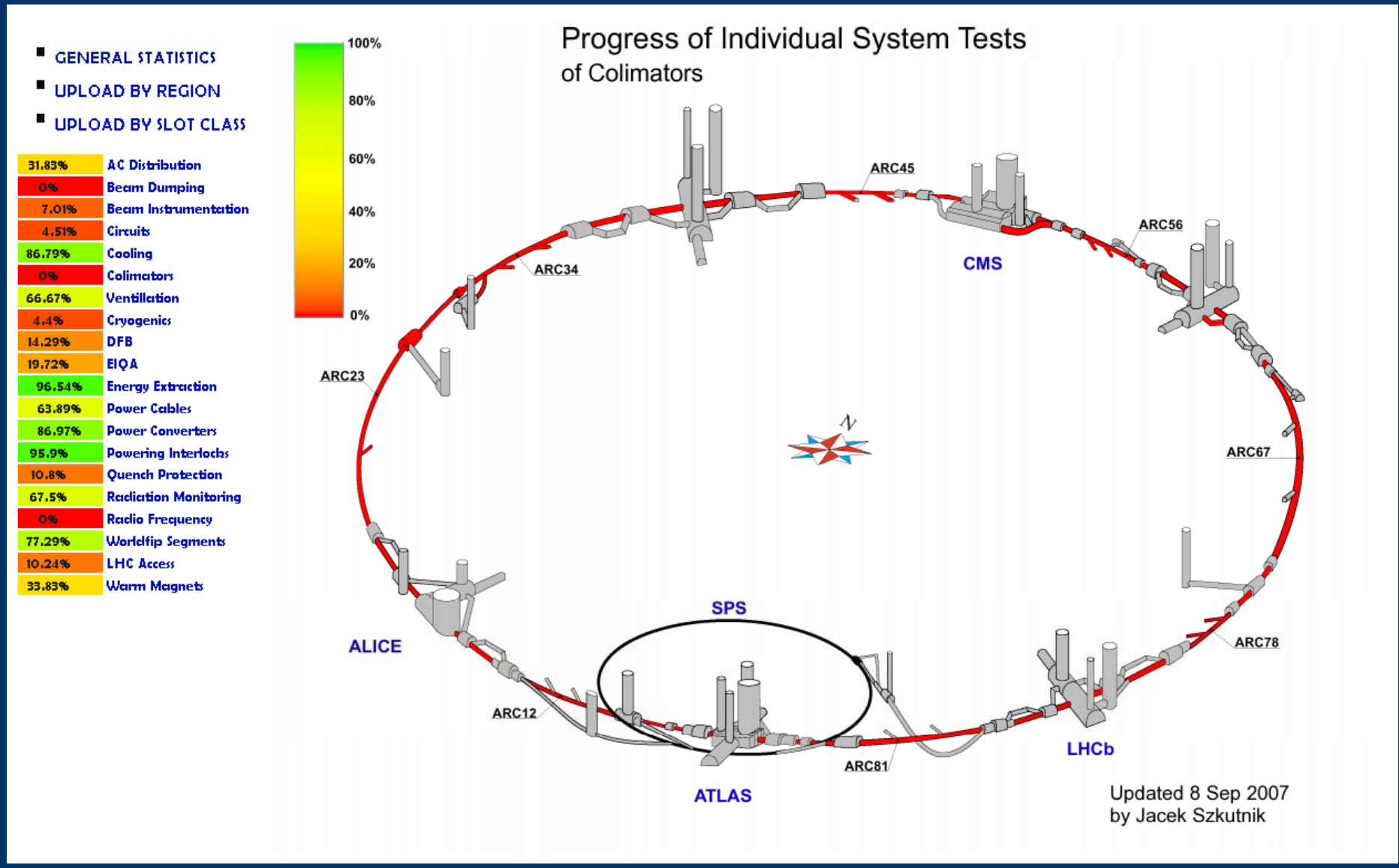
Power Converter for Cold Circuits

Class Description	**Power Converter for Cold Circuit**
Class Code	**RR00**
Responsible	**H.Thiesen/R.Denz/K.Dahlerup-Petersen/HC Team**
Number of Slots	**914**
Number steps	**11**
Number of properties	**4**
% steps uploaded	**92%**
% properties uploaded	**0%**
Documents	**41% entries**
Comments	**52% entries**
NCRs	**13**
Upload type	**98% automatic upload**
Upload particularities	**XLM File Creator & Direct database scripts**
Access Rights	**As described in next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO – Waiting for Property Upload**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-POWER-C-MTF Group + role LHC-HWC-POWER-CONV-C in context LHC-HWC-MTF and D7i: Patrice Bailly, Andrea Cantone, Laurent Ceccone, Miguel Cerqueira-Bastos, Peter Dreesen, Klaus Fischer, Philippe Fraboulet, Ludovic Germain-Bonne, Greg Hudson, Quentin King, Valerie Montabonnet, David Nisbet, Stephen Page, Jeff Thomsen , Yves Thurel, F.Chevrier, C. Castillo Trello	4 notifications (LHC-HWC-RPLA-%) based on role CERN-PE and LHC-HWC-63: David Nisbet, Valerie Montabonnet, Yves Thurel, Laurent Ceccone, Klaus Fischer, Andrea Cantone, Miguel Cerqueira-Bastos, Peter Dreesen, Greg Hudson, Quentin King, Gunnar Fernqvist, Fredreick Bordry, C. Castillo Trello	CERN-PE in LHC-HWC-POWER-CONVERTER-COLD-MTF (ORG-001979) Context: Patrice Bailly, Andrea Cantone, Laurent Ceccone, Miguel Cerqueira-Bastos, Peter Dreesen, Klaus Fischer, Philippe Fraboulet, Ludovic Germain-Bonne, Greg Hudson, Quentin King, Valerie Montabonnet, David Nisbet, Stephen Page, Jeff Thomsen , Yves Thurel, F.Chevrier, Hugues Thiesen, C. Castillo Trello	LHC-HWC-62 EDMS list: Patrice Bailly, Andrea Cantone, Laurent Ceccone, Miguel Cerqueira-Bastos, Peter Dreesen, Klaus Fischer, Philippe Fraboulet, Ludovic Germain-Bonne, Greg Hudson, Quentin King, Valerie Montabonnet, David Nisbet, Stephen Page, Jeff Thomsen , Yves Thurel, Hugues Thiesen, Gunnar Fernqvist, Fredreick Bordry, C. Castillo Trello

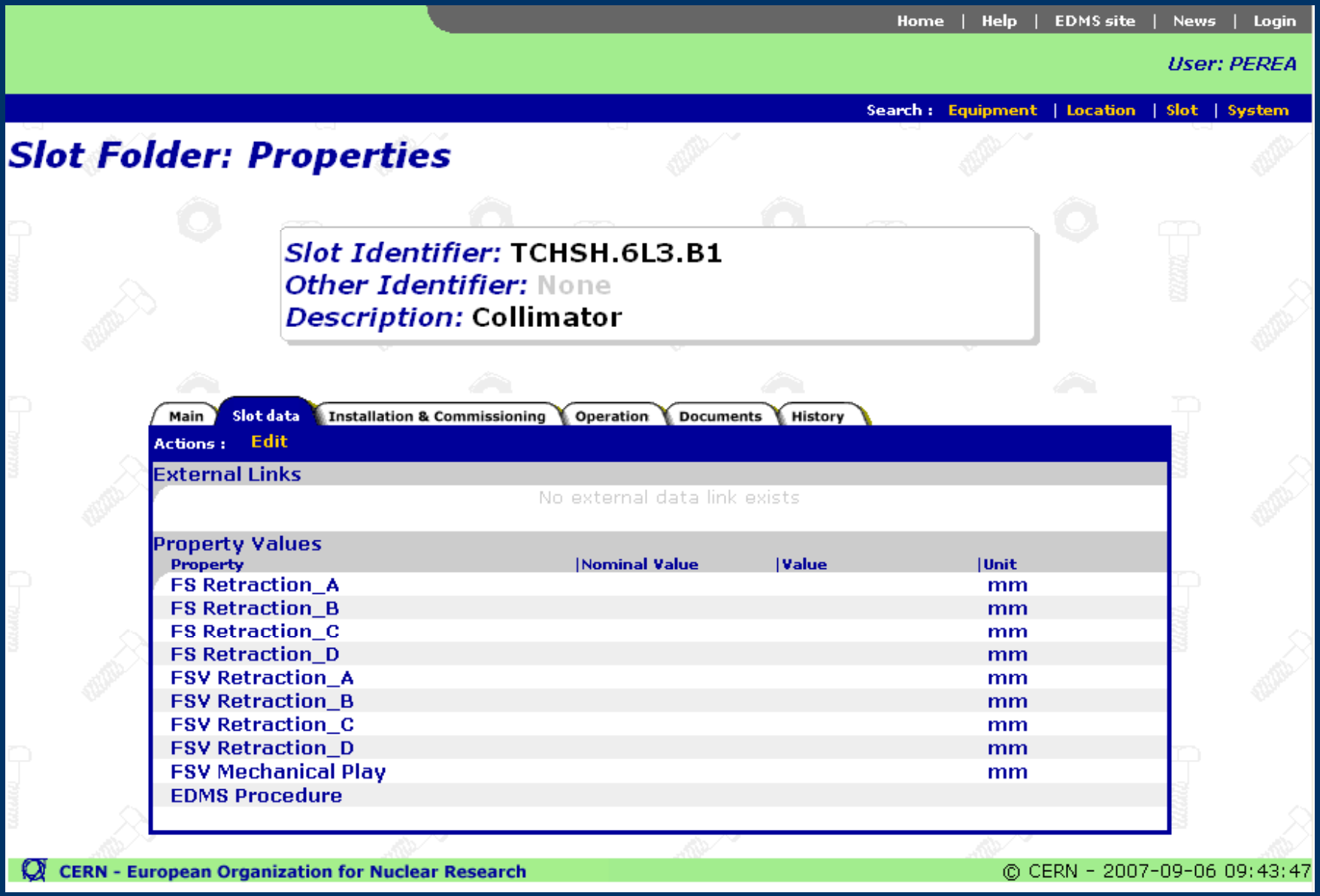
Access Rights as they are today for Power Converter for Cold Circuits


Power Converters
Both 60 A PC and PC for Cold Circuits should be fully commissioned by September, when last uploads are expected
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
ene-06
feb-06
mar-06
abr-06
may-06
jun-06
jul-06
ago-06
sep-06
oct-06
nov-06
dic-06
ene-07
feb-07
mar-07
abr-07
may-07
jun-07
jul-07
ago-07
sep-07
oct-07
nov-07
dic-07
ene-08
feb-08
mar-08
abr-08
may-08
jun-08
jul-08
time [month-YY]



Collimators

Collimators



Collimators

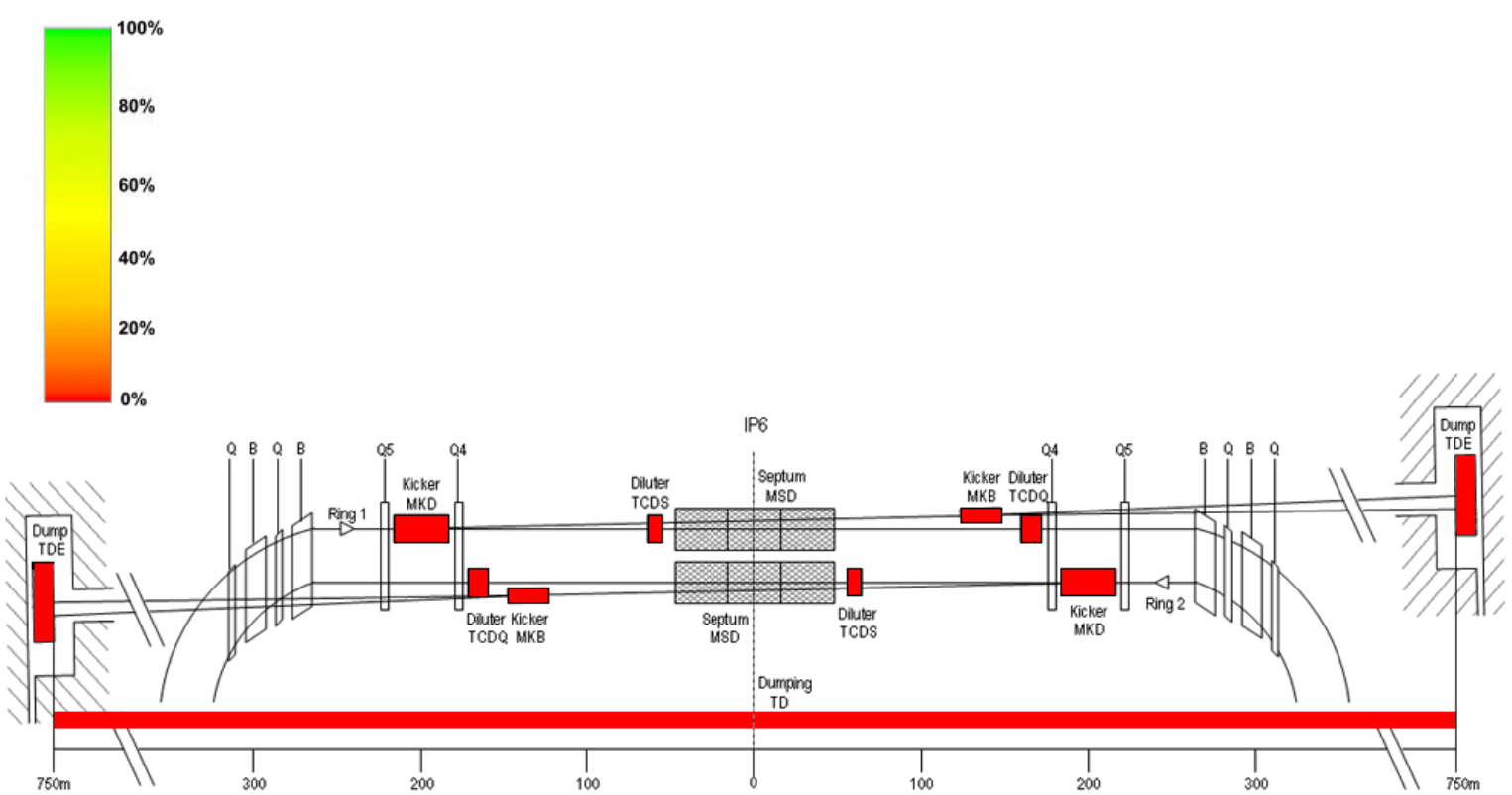
Class Description	**Collimator**
Class Code	**TC**
Responsible	**Thomas Weiler**
Number of Slots	**160**
Number steps	**14**
Number of properties	**10**
% steps uploaded	**0%**
% properties uploaded	**0%**
Documents	**none**
Comments	**none**
NCRs	**none**
Upload type	**manual**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**Add Step *17-TE Switch and End Stop Position*** **Links to the equipment slots is possible ?**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-COLLI-MTF Group + role LHC-HWC-COLLIMATOR in context LHC-HWC-MTF and D7i: Rocio Chamizo, Oliver Aberle, Roberto Losito, Ralph Assmann, Thomas Weiler, Alessandro Masi, Jerome Lendaro, Arnaud Brielmann, Mathieu Donze, Pierre Gander, C.Podevin	4 notifications (LHC-HWC-COLLI-%) based on role CERN-PE and LHC-HWC-47: Rocio Chamizo, Oliver Aberle, Roberto Losito, Ralph Assmann, Thomas Weiler Alessandro Masi, Gerome Lendaro, Arnaud Brielmann, Mathieu Donze, Pierre Gander, C.Podevin	CERN-PE in LHC-HWC-COLLIMATOR-MTF (ORG-002363) Context: Oliver Aberle, Ralp Assmann, Roberto Losito, Thomas Weiler	LHC-HWC-46 EDMS List: Oliver Aberle, Ralp Assmann, Roberto Losito, Thomas Weiler

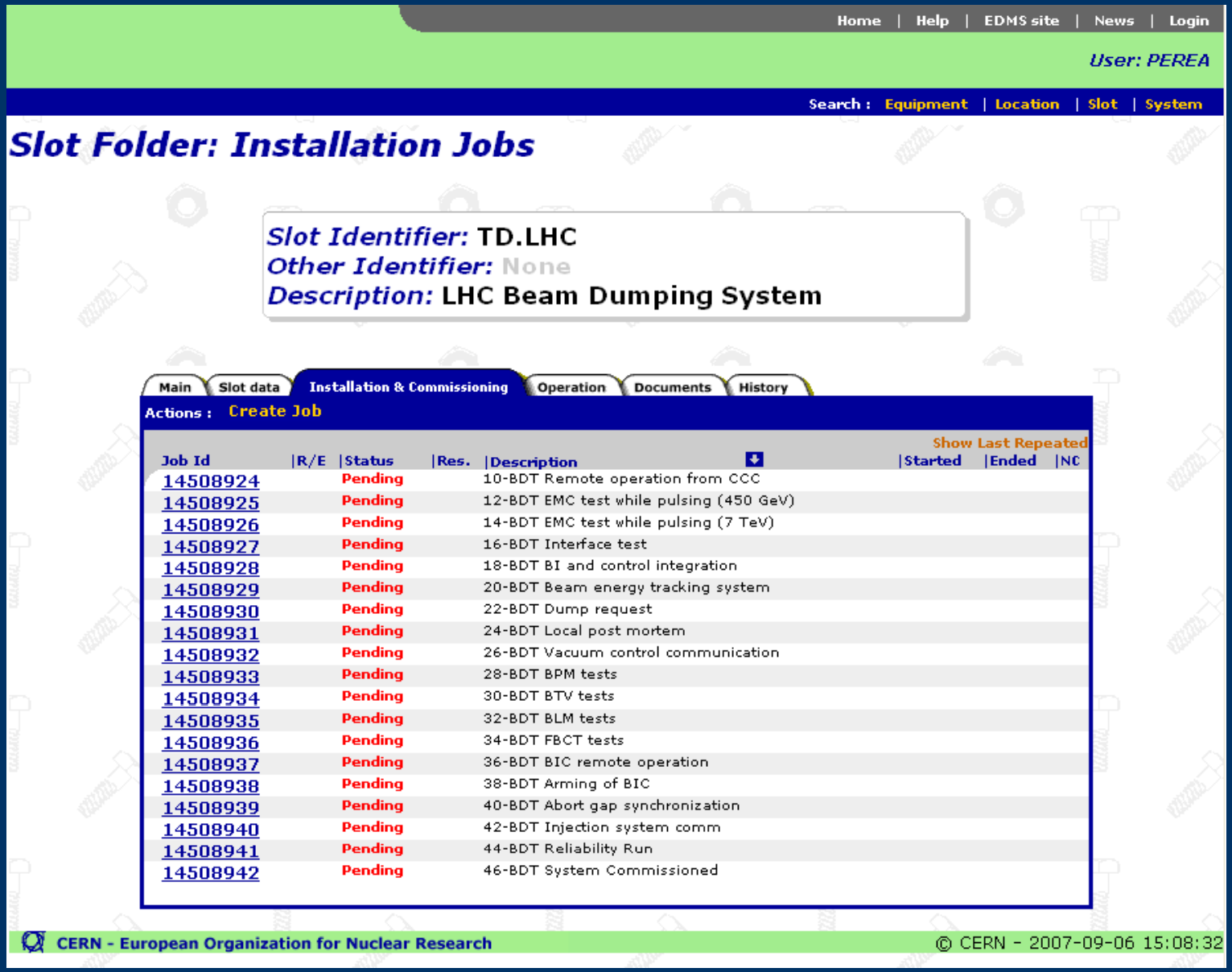
Access Rights as they are today for Collimators

- GENERAL STATISTICS
- UPLOAD BY REGION
- UPLOAD BY SLOT CLASS

31.83%	AC Distribution
0%	Beam Dumping
7.01%	Beam Instrumentation
4.53%	Circuits
86.79%	Cooling
66.67%	Ventillation
4.4%	Cryogenics
14.29%	DFB
19.72%	EIQA
96.54%	Energy Extraction
63.89%	Power Cables
87.5%	Power Converters
95.9%	Powering Interlocks
10.8%	Quench Protection
67.5%	Radiation Monitoring
0%	Radio Frequency
77.29%	Worldfip Segments
33.83%	Warm Magnets

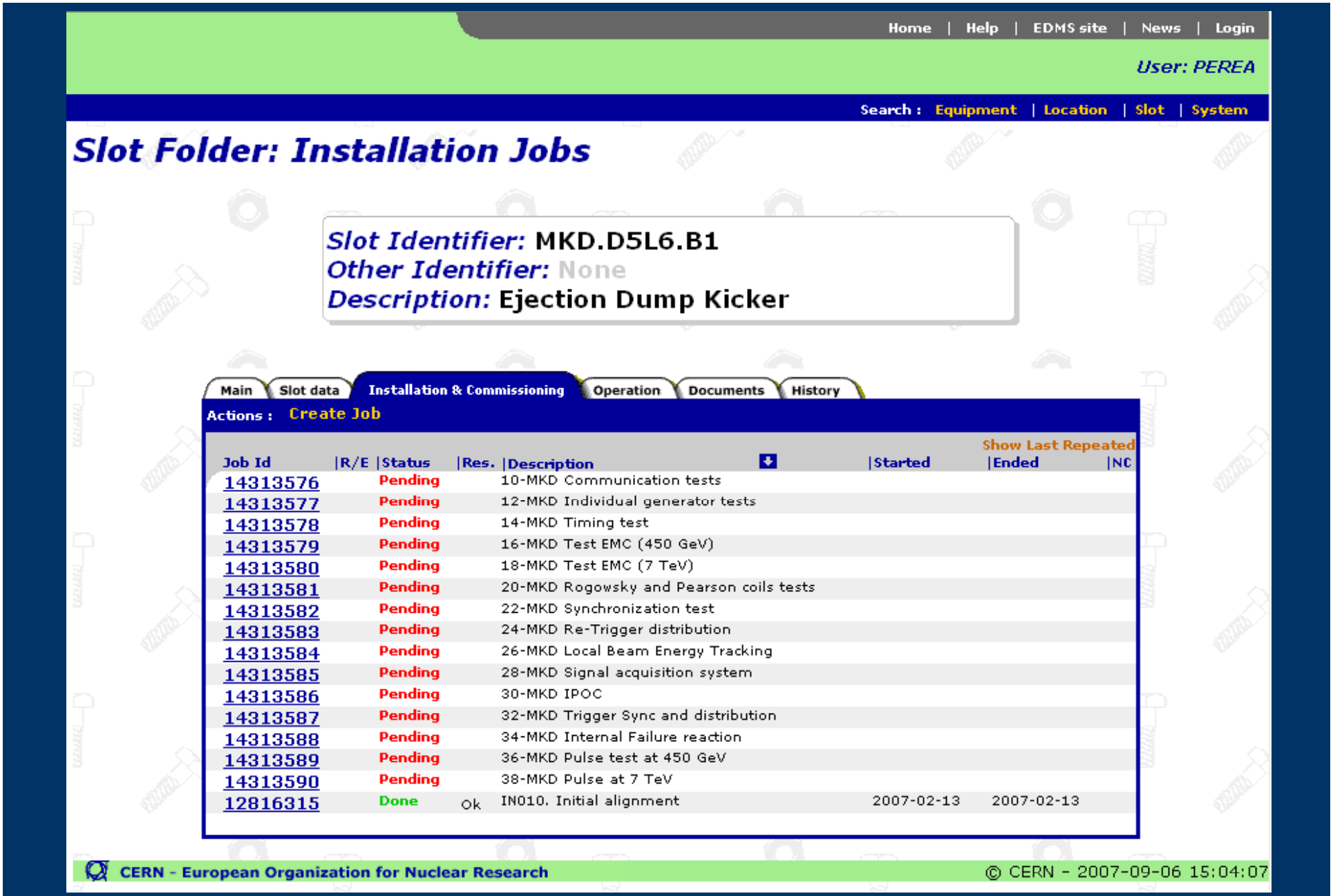


Beam Dumping System



Beam Dumping System

Diluter Dump Kicker



Ejection Dump Kicker


Home | Help | EDMS site | News | Login
User: PEREA
Search : Equipment | Location | Slot | System
Slot Folder: Installation Jobs
Slot Identifier: TDE.UD62.B2
Other Identifier: None
Description: Dump for Ejected Beam, External
Main
Slot data
Installation & Commissioning
Operation
Documents
History
Actions : Create Job
Show Last Repeated
Job Id | R/E | Status | Res. | Description | Started | Ended | NC
14508918 Pending 10-TDE Handling tests
14508919 Pending 12-TDE Ventilation system tests
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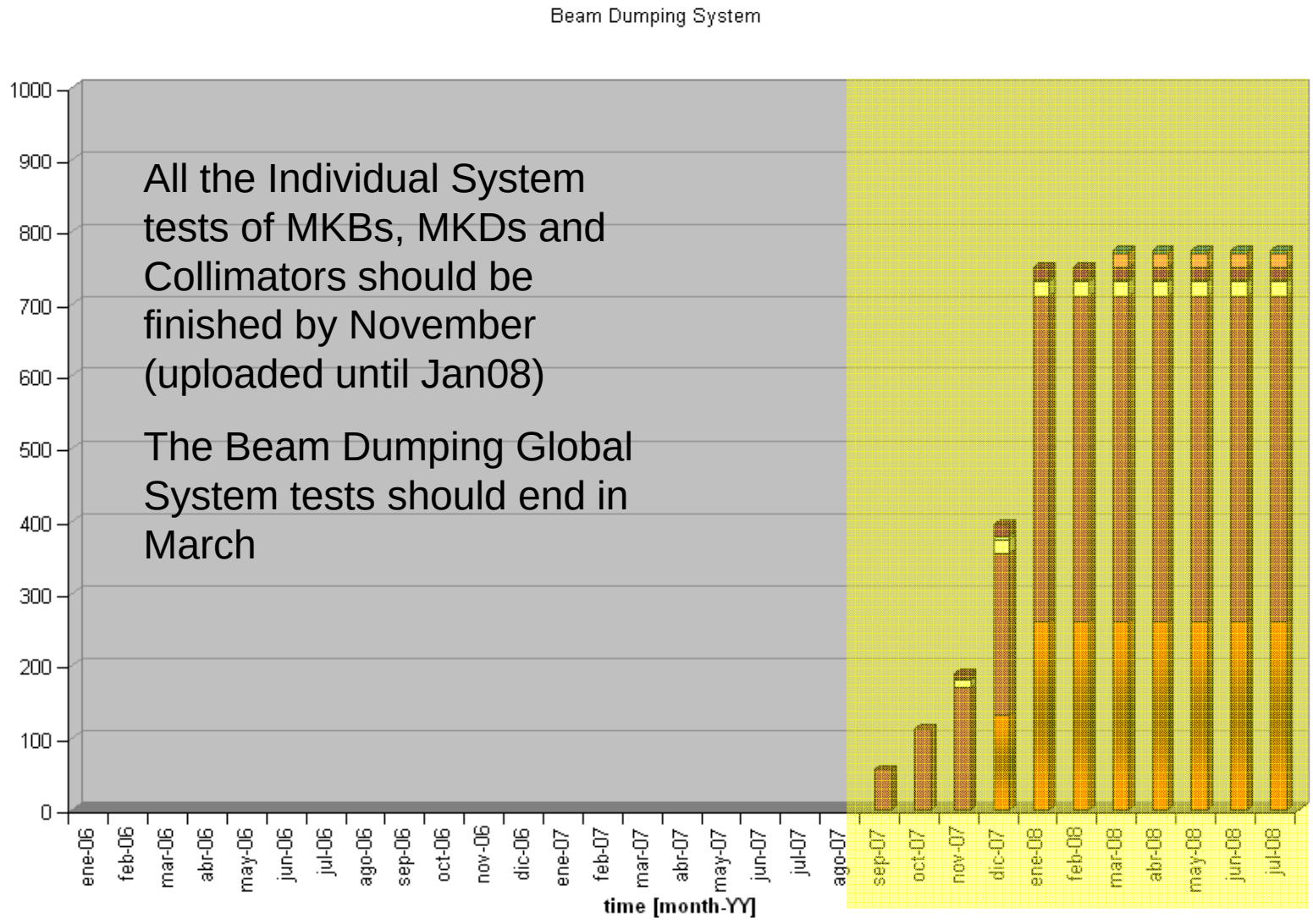
© CERN - 2007-09-06 10:12:48

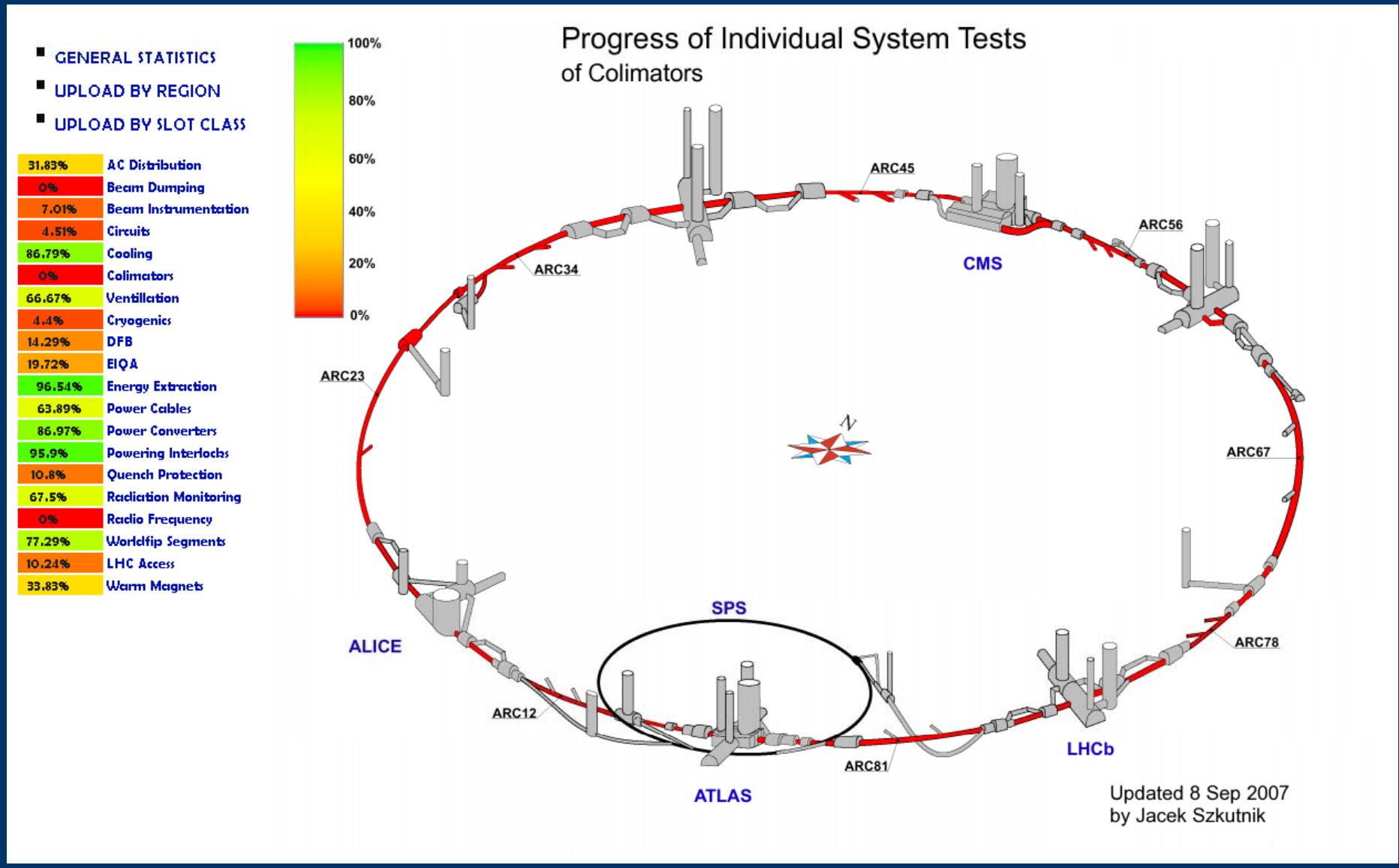
TDE

Class Description	**LHC Beam Dumping System**
Class Code	**TD / TCDS / TCDQM / TCDQ / TDE / MKB / MKD**
Responsible	**Jan Uythove / Mirko Pojer**
Number of Slots	**1 / 4 / 4 / 4 / 2 / 20 / 30**
Number steps	**19 / 4 / 1 / 5 / 2 / 13 / 15**
Number of properties	**None**
% steps uploaded	**0%**
% properties uploaded	**N/A**
Documents	**None**
Comments	**None**
NCRs	**None**
Upload type	**Manual**
Upload particularities	**None**
Access Rights	**Not defined yet !**
Layout Database-MTF Link	**?**
Expected Modifications	**No**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval

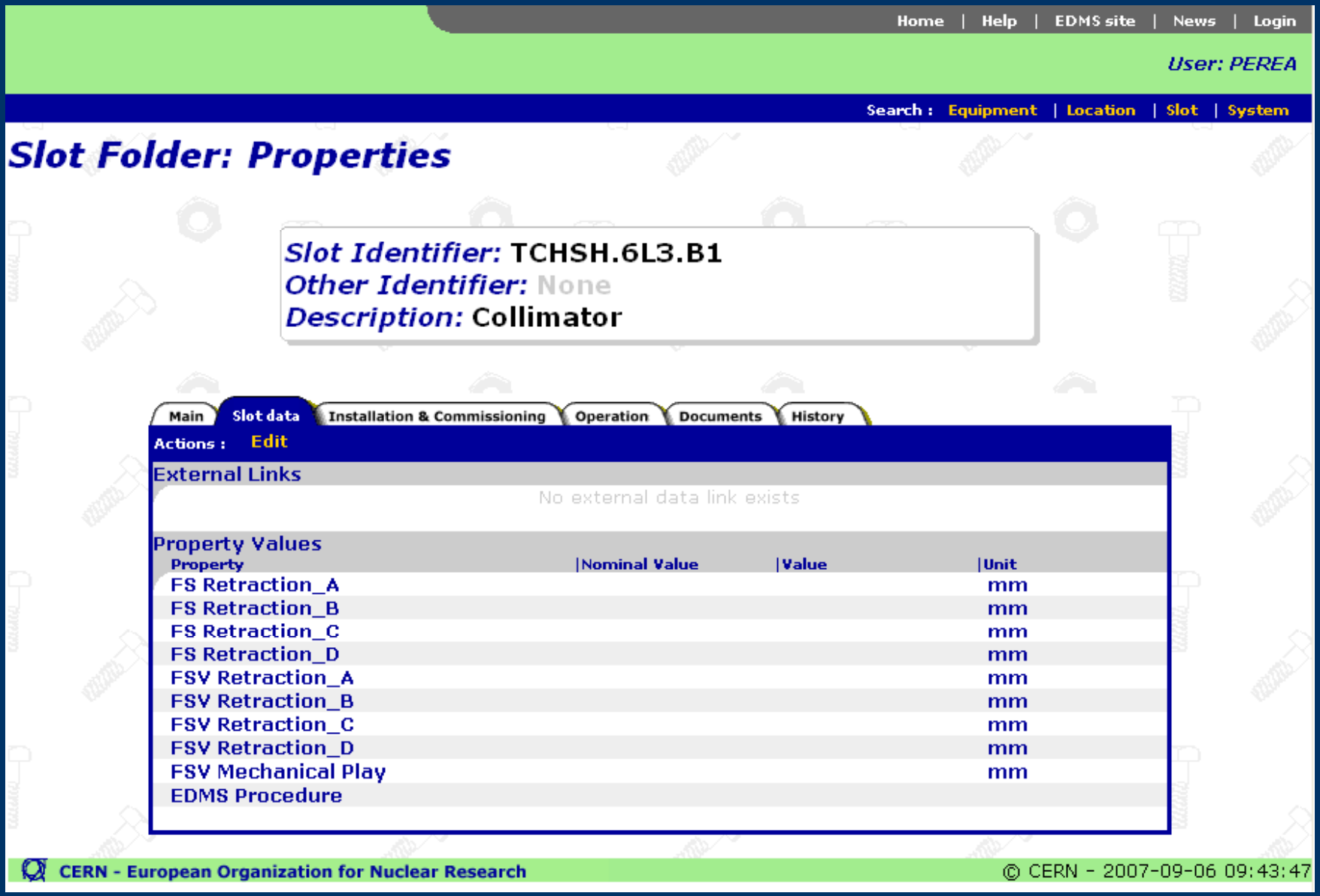
Access Rights as they are today for Beam Dumping System


Beam Dumping System
All the Individual System tests of MKBs, MKDs and Collimators should be finished by November (uploaded until Jan08)
The Beam Dumping Global System tests should end in March
1000
900
800
700
600
500
400
300
200
100
0
ene-06
feb-06
mar-06
abr-06
may-06
jun-06
jul-06
ago-06
sep-06
oct-06
nov-06
dic-06
ene-07
feb-07
mar-07
abr-07
may-07
jun-07
jul-07
ago-07
sep-07
oct-07
nov-07
dic-07
ene-08
feb-08
mar-08
abr-08
may-08
jun-08
jul-08
time [month-YY]



Collimators

Collimators

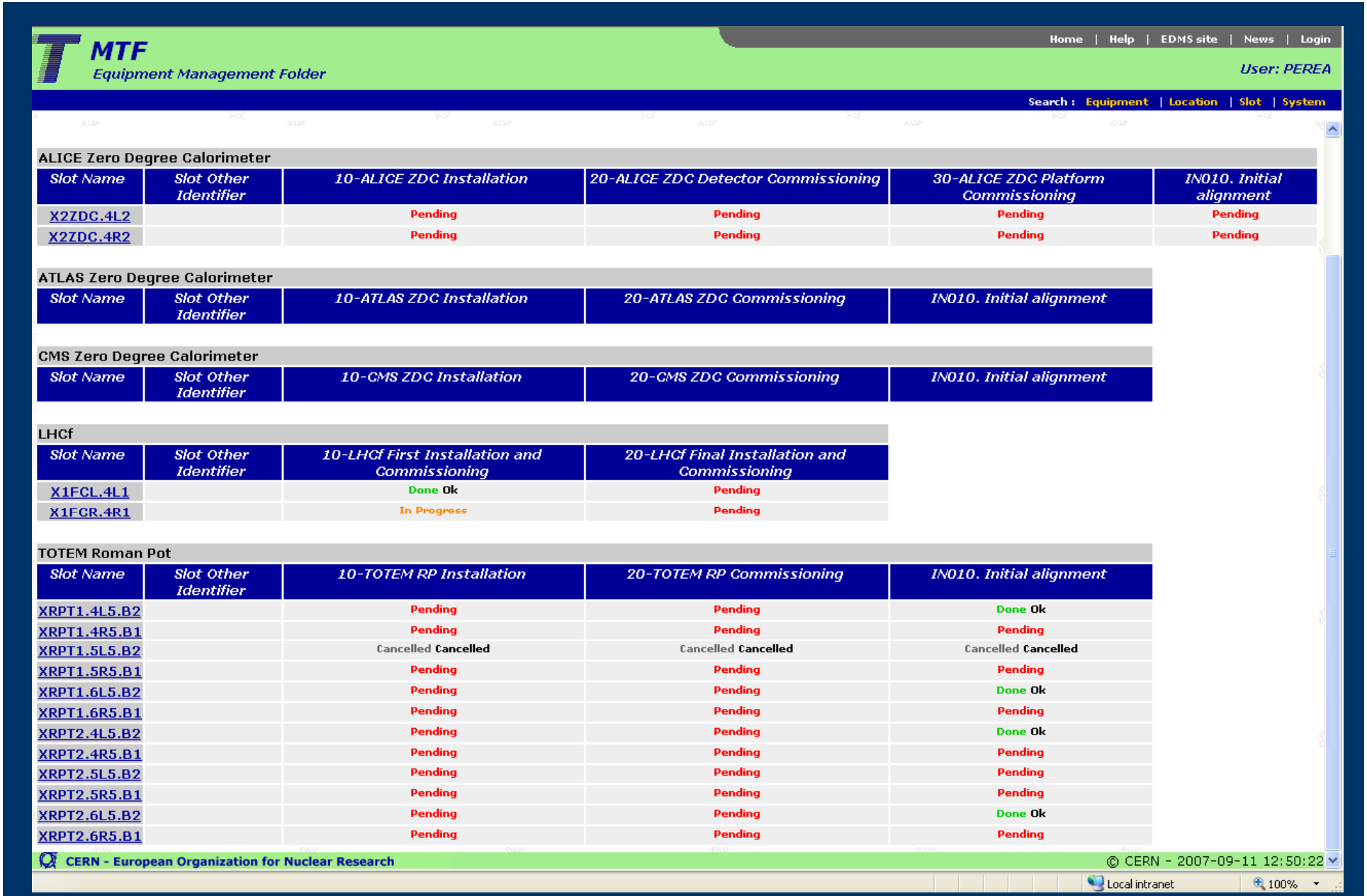


Collimators

Class Description	**Collimator**
Class Code	**TC**
Responsible	**Thomas Weiler**
Number of Slots	**160**
Number steps	**14**
Number of properties	**10**
% steps uploaded	**0%**
% properties uploaded	**0%**
Documents	**none**
Comments	**none**
NCRs	**none**
Upload type	**manual**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**Add Step *17-TE Switch and End Stop Position*** **Links to the equipment slots is possible ?**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-COLLI-MTF Group + role LHC-HWC-COLLIMATOR in context LHC-HWC-MTF and D7i: Rocio Chamizo, Oliver Aberle, Roberto Losito, Ralph Assmann, Thomas Weiler, Alessandro Masi, Jerome Lendaro, Arnaud Brielmann, Mathieu Donze, Pierre Gander, C.Podevin	4 notifications (LHC-HWC-COLLI-%) based on role CERN-PE and LHC-HWC-47: Rocio Chamizo, Oliver Aberle, Roberto Losito, Ralph Assmann, Thomas Weiler Alessandro Masi, Gerome Lendaro, Arnaud Brielmann, Mathieu Donze, Pierre Gander, C.Podevin	CERN-PE in LHC-HWC-COLLIMATOR-MTF (ORG-002363) Context: Oliver Aberle, Ralp Assmann, Roberto Losito, Thomas Weiler	LHC-HWC-46 EDMS List: Oliver Aberle, Ralp Assmann, Roberto Losito, Thomas Weiler

Access Rights as they are today for Collimators



MTF
Equipment Management Folder

Home | Help | EDMS site | News | Login

User: PEREA

Search : Equipment | Location | Slot | System

ALICE Zero Degree Calorimeter

Slot Name	Slot Other Identifier	10-ALICE ZDC Installation	20-ALICE ZDC Detector Commissioning	30-ALICE ZDC Platform Commissioning	IN010. Initial alignment
X2ZDC.4L2		Pending	Pending	Pending	Pending
X2ZDC.4R2		Pending	Pending	Pending	Pending

ATLAS Zero Degree Calorimeter

Slot Name	Slot Other Identifier	10-ATLAS ZDC Installation	20-ATLAS ZDC Commissioning	IN010. Initial alignment

CMS Zero Degree Calorimeter

Slot Name	Slot Other Identifier	10-CMS ZDC Installation	20-CMS ZDC Commissioning	IN010. Initial alignment

LHCf

Slot Name	Slot Other Identifier	10-LHCf First Installation and Commissioning	20-LHCf Final Installation and Commissioning
X1FCL.4L1		Done Ok	Pending
X1FCR.4R1		In Progress	Pending

TOTEM Roman Pot

Slot Name	Slot Other Identifier	10-TOTEM RP Installation	20-TOTEM RP Commissioning	IN010. Initial alignment
XRPT1.4L5.B2		Pending	Pending	Done Ok
XRPT1.4R5.B1		Pending	Pending	Pending
XRPT1.5L5.B2		Cancelled Cancelled	Cancelled Cancelled	Cancelled Cancelled
XRPT1.5R5.B1		Pending	Pending	Pending
XRPT1.6L5.B2		Pending	Pending	Done Ok
XRPT1.6R5.B1		Pending	Pending	Pending
XRPT2.4L5.B2		Pending	Pending	Done Ok
XRPT2.4R5.B1		Pending	Pending	Pending
XRPT2.5L5.B2		Pending	Pending	Pending
XRPT2.5R5.B1		Pending	Pending	Pending
XRPT2.6L5.B2		Pending	Pending	Done Ok
XRPT2.6R5.B1		Pending	Pending	Pending

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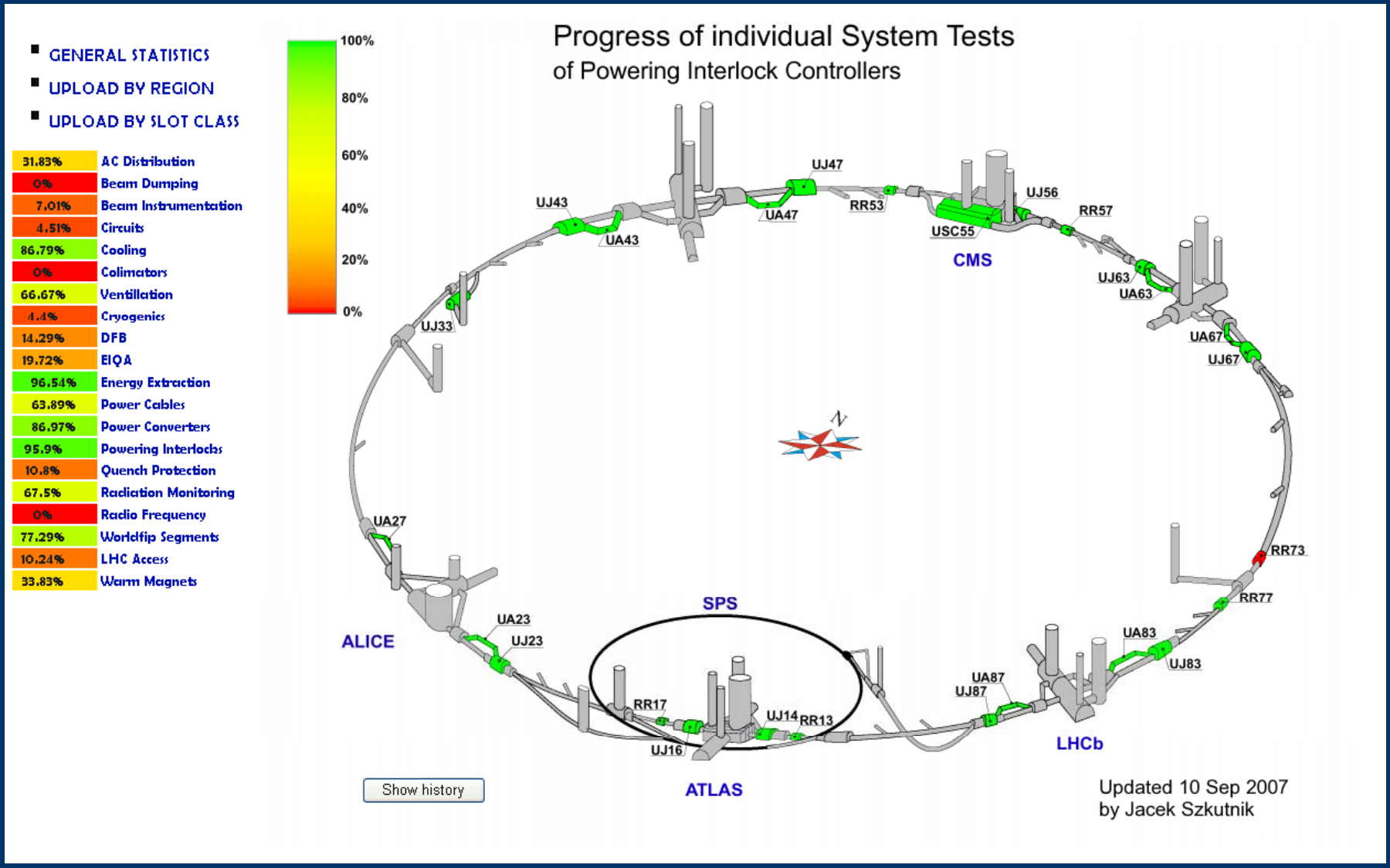
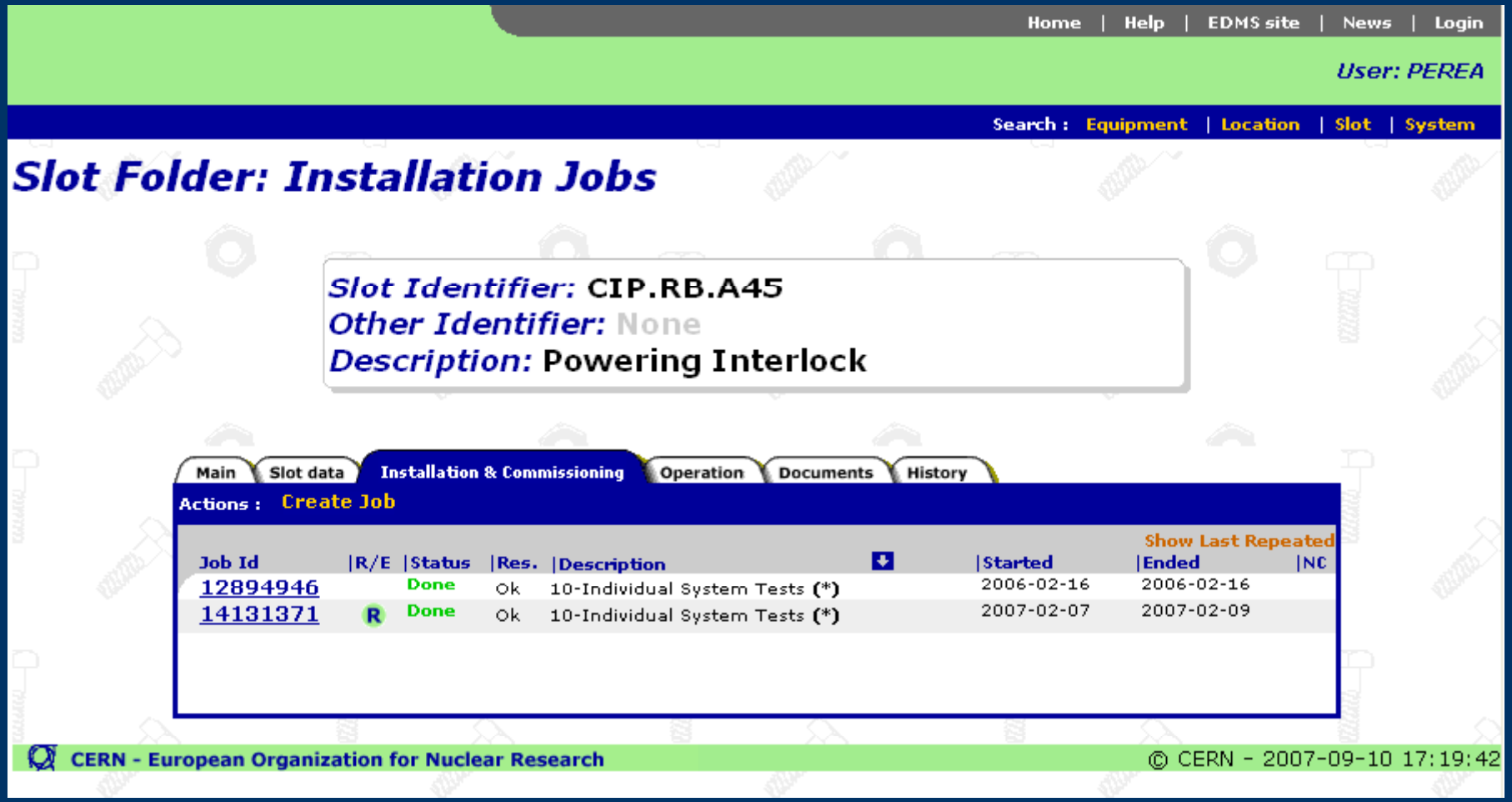
Local intranet 100%

Forward Detectors

Controls



Powering Interlock Control

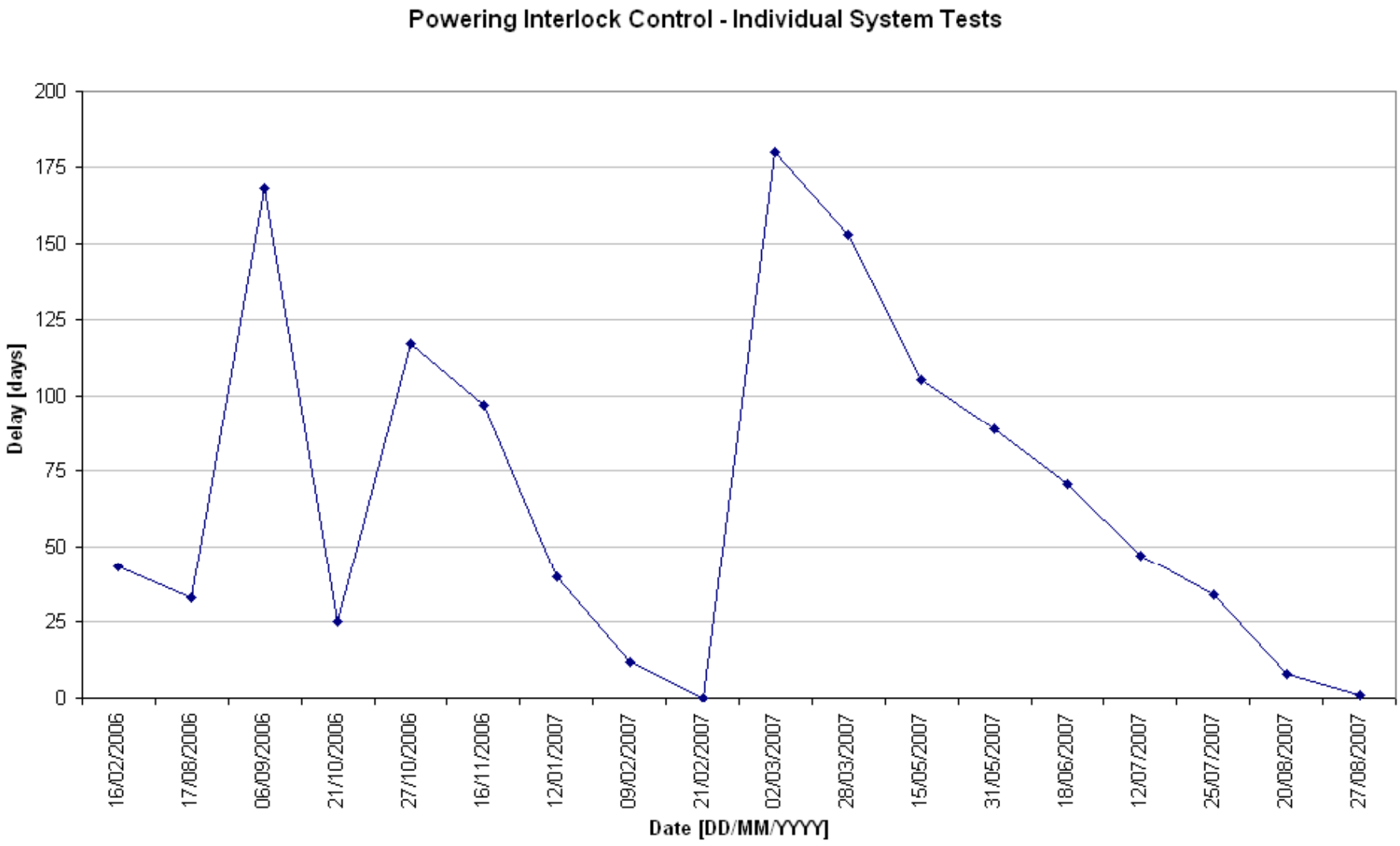


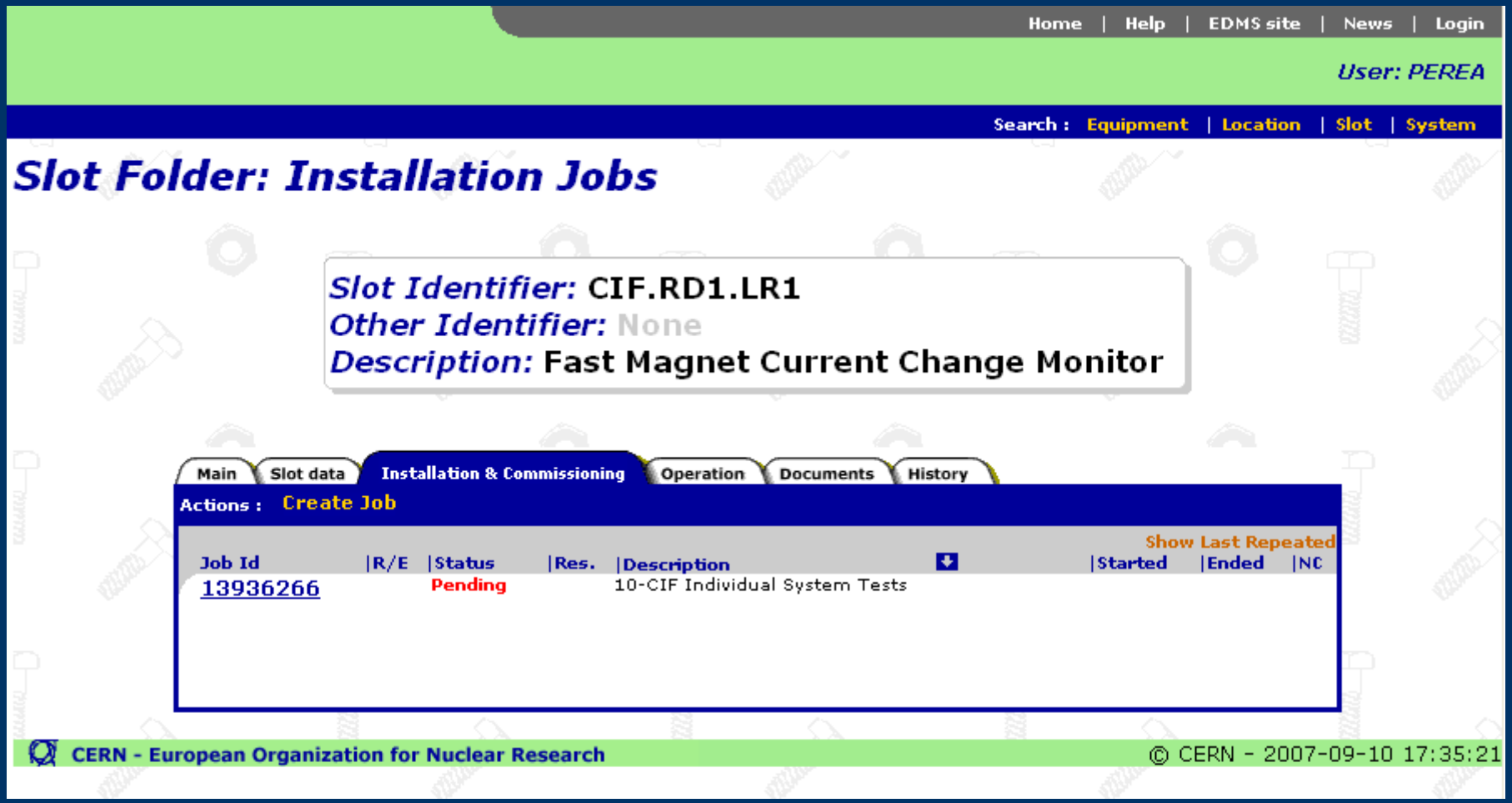
Powering Interlock Control

Class Description	**Powering Interlock**
Class Code	**RC07**
Responsible	**Markus Zerlauth**
Number of Slots	**820**
Number steps	**1**
Number of properties	**1 EDMS Procedure**
% steps uploaded	**96%**
% properties uploaded	**N/A**
Documents	**7%**
Comments	**2%**
NCRs	**None**
Upload type	**100 % automatic upload**
Upload particularities	**XML file creator**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO** **Difficulties in changing the profiles – what does it imply**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-POWER-IN-MTF Group + role LHC-HWC-POWER-INTER in context LHC-HWC-MTF and D7i: M.Zerlauth, B.Puccio, F.Chevrier, Robert Harrison, Julien Mariethoz, Luis Miguel Martínez, Juan Blanco, Alejandro Castañeda, Iván Romera	4 notifications (LHC-HWC-Power_Interl%) based on role CERN-PE and LHC-HWC-37: Robert Harrison, Markus Zerlauth, Julien Mariethoz, Juan Blanco, Alejandro Castañeda, Iván Romera	CERN-PE in LHC-HWC-POWERING-INTERLOCK-MTF (ORG-001976): Robert Harrison, Markus Zerlauth	LHC-HWC-36 EDMS list: Robert Harrison, Markus Zerlauth

Access Rights as they are today for PIC


Powering Interlock Control - Individual System Tests
Delay [days]
200
175
150
125
100
75
50
25
0
16/02/2006
17/08/2006
06/09/2006
21/10/2006
27/10/2006
16/11/2006
12/01/2007
09/02/2007
21/02/2007
02/03/2007
28/03/2007
15/05/2007
31/05/2007
18/06/2007
12/07/2007
25/07/2007
20/08/2007
27/08/2007
Date [DD/MM/YYYY]

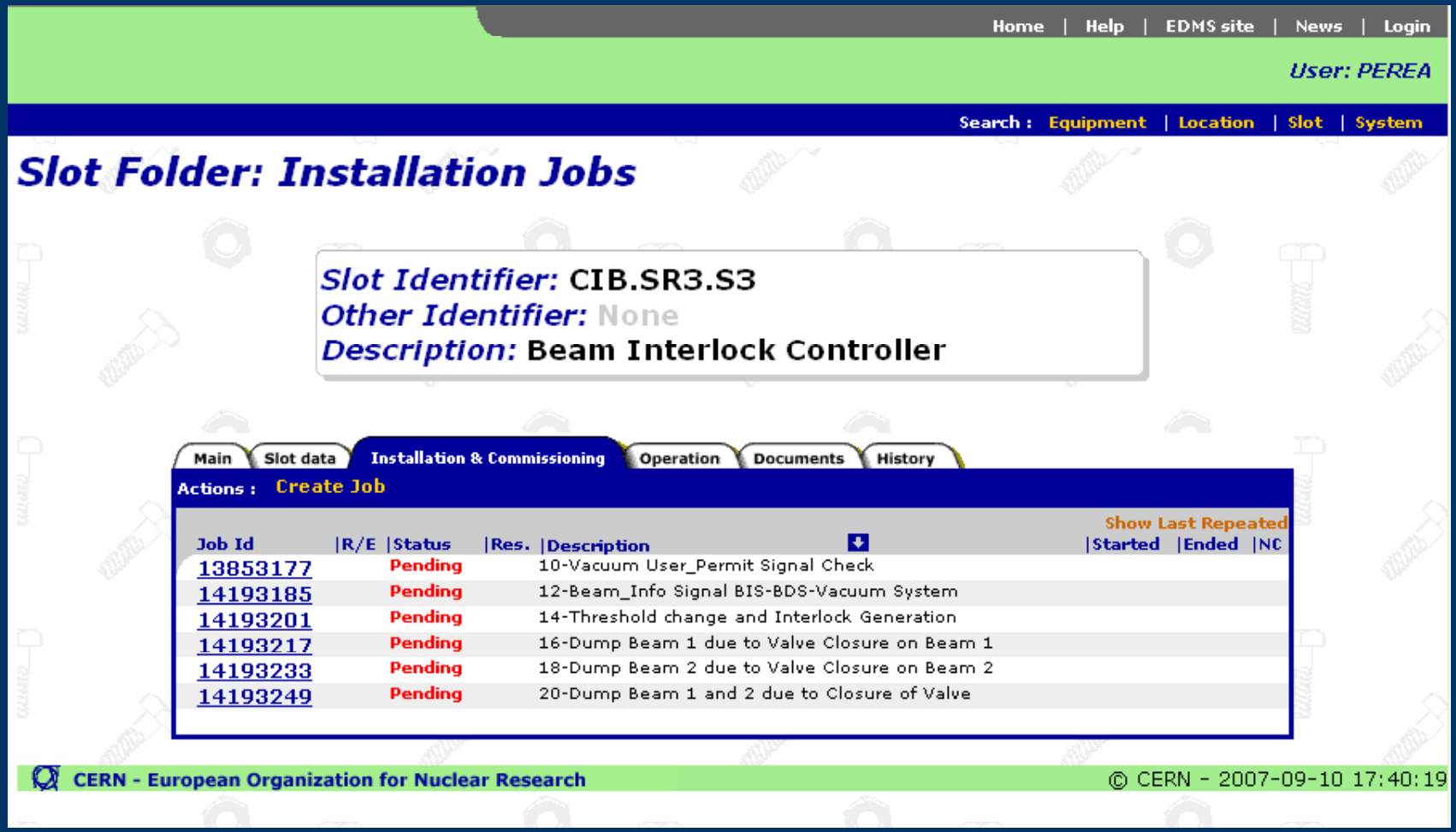


Fast Magnet Current Change Monitor

Class Description	**Fast Magnet Current Change Monitor**
Class Code	**CIF**
Responsible	**Markus Zerlauth**
Number of Slots	**12**
Number steps	**1**
Number of properties	**1 EDMS Procedure**
% steps uploaded	**0%**
% properties uploaded	**N/A**
Documents	**0%**
Comments	**0%**
NCRs	**None**
Upload type	**automatic upload**
Upload particularities	**XML file creator**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-CIF-MTF Group + role LHC-HWC-CIF in context LHC-HWC-MTF and D7i: Markus Zerlauth, Pierre Dahlen	4 notifications (LHC-HWC-CIF-%) based on role CERN-PE and LHC-HWC-59: Markus Zerlauth, Pierre Dahlen, Bruno Puccio, Rudiger Schmidt, Arend Dinius	CERN-PE in LHC-HWC-CIF-MTF (ORG-002412) Context: Markus Zerlauth, Pierre Dahlen	LHC-HWC-58 EDMS List: Markus Zerlauth, Pierre Dahlen, Bruno Puccio, Rudiger Schmidt, Arend Dinius, Hugues Thiesen

Access Rights as they are today for CIF



Beam Interlock Controller

Class Description	**Beam Interlock Controller**
Class Code	**CIB**
Responsible	**Bruno Puccio / Markus Zerlauth**
Number of Slots	**16**
Number steps	**6**
Number of properties	**1 EDMS Procedure**
% steps uploaded	**0%**
% properties uploaded	**N/A**
Documents	**0%**
Comments	**0%**
NCRs	**None**
Upload type	**Automatic/manual upload**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-CIB-MTF Group + role LHC-HWC-CIB in context LHC-HWC-MTF and D7i: Bruno Puccio, Benjamin Todd, Juan Blanco, Christophe Martin	4 notifications (LHC-HWC-CIV-%) based on role CERN-PE and LHC-HWC-57: Bruno Puccio, Benjamin Todd, Juan Blanco, Christophe Martin, Bertrand Lavazais, Arend Dinius	CERN-PE in LHC-HWC-CIB-MTF (ORG-002411) Context: Bruno Puccio, Benjamin Todd, Juan Blanco, Christophe Martin	LHC-HWC-56 EDMS List: Bruno Puccio, Benjamin Todd, Juan Blanco, Christophe Martin

Access Rights as they are today for Beam Interlock Controller


Home | Help | EDMS site | News | Login
User: PEREA
Search : Equipment | Location | Slot | System
Slot Folder: Installation Jobs
Slot Identifier: CIW.RBI.81607
Other Identifier: None
Description: Warm Magnet Interlock Controller
Main
Slot data
Installation & Commissioning
Operation
Documents
History
Actions : Create Job
Show Last Repeated
Job Id | R/E | Status | Res. | Description | Started | Ended | NC
14087872 Done Ok 10-Warm Circuit Magnet Interlock Test 2004-08-06 2004-08-08
14087873 Done Ok 12- Warm Circuit Power Converter Interlock 2004-08-09 2004-08-10
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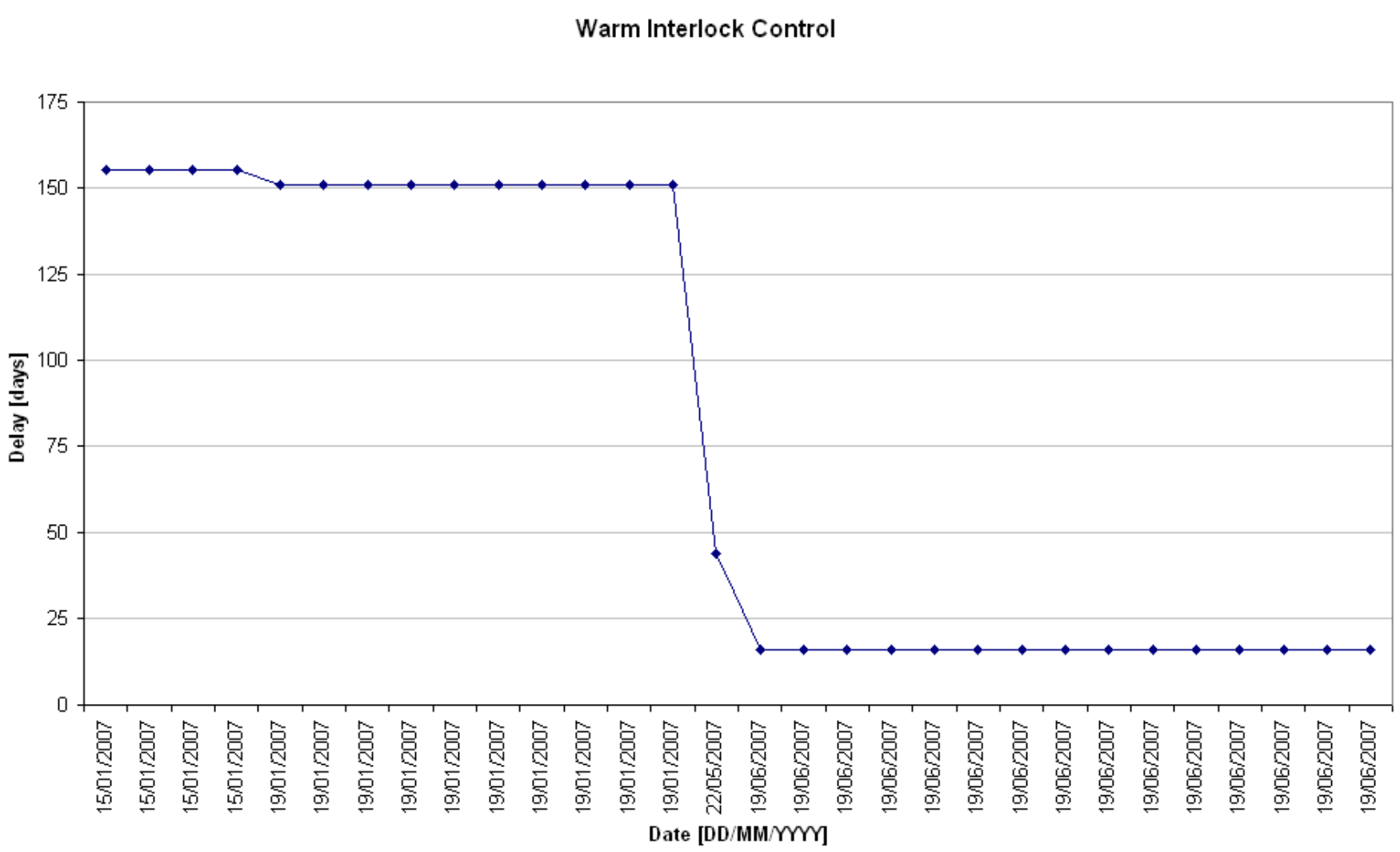
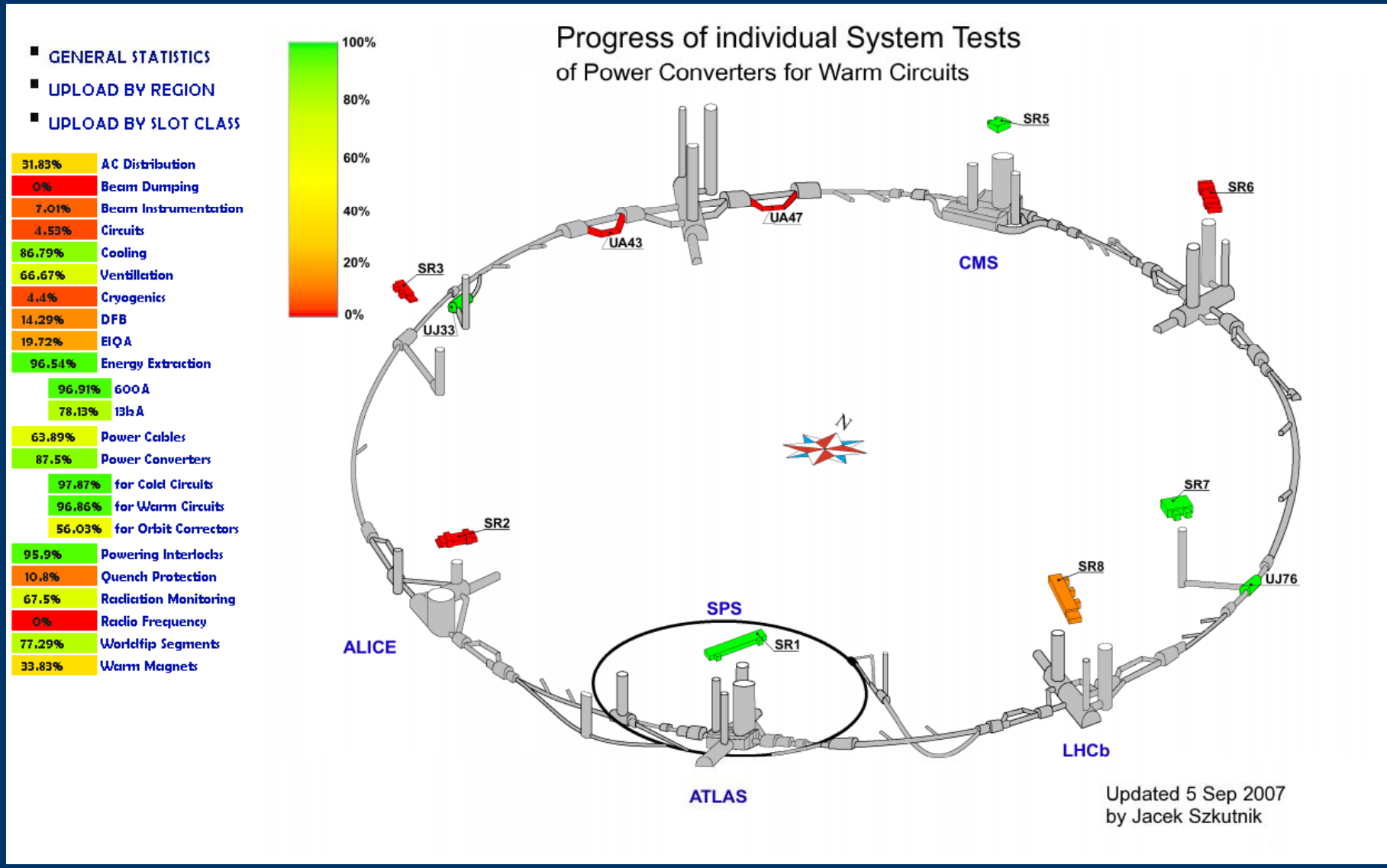
© CERN - 2007-09-10 17:49:08

Class Description	**Warm Interlock Controller**
Class Code	**CIW**
Responsible	**Pierre Dahlen / Markus Zerlauth**
Number of Slots	**78**
Number steps	**2**
Number of properties	**1 EDMS Procedure**
% steps uploaded	**60%**
% properties uploaded	**N/A**
Documents	**0%**
Comments	**50%**
NCRs	**None**
Upload type	**100% Automatic upload**
Upload particularities	**none**
Access Rights	**See next slide**
Layout Database-MTF Link	**?**
Expected Modifications	**NO**

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-CIW-MTF Group + role LHC-HWC-CIW in context LHC-HWC-MTF and D7i: Markus Zerlauth, Pierre Dahlen, Bruno Puccio, Robert Harrison	4 notifications (LHC-HWC-CIW-%) based on role CERN-PE and LHC-HWC-61: Markus Zerlauth, Pierre Dahlen, Bruno Puccio, Robert Harrison	CERN-PE in LHC-HWC-CIF-MTF (ORG-002413) Context: Markus Zerlauth, Pierre Dahlen, Bruno Puccio, Robert Harrison	LHC-HWC-60 EDMS List: Markus Zerlauth, Pierre Dahlen, Bruno Puccio, Robert Harrison

Access Rights as they are today for Warm Interlock Controller


Warm Interlock Control
Delay [days]
175
150
125
100
75
50
25
0
15/01/2007
15/01/2007
15/01/2007
15/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
19/01/2007
22/05/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
19/06/2007
Date [DD/MM/YYYY]



Power Converter for Warm Circuits

Write rights & NCRs creation	To be notified of NCRs	Management of NCRs	NCRs approval
LHC-HWC-SUPERCON-MTF Group + role LHC-HWC-SUPERCONDUCT in context LHC-HWC-MTF and D7i: David Nisbet, Valerie Montabonnet	4 notifications (LHC-HWC-SUPERC-%) based on role CERN-PE and LHC-HWC-51: David Nisbet, Valerie Montabonnet, Yves Thurel, Laurent Ceccone, Klaus Fischer, Andrea Cantone, Miguel Cerqueira-Bastos, Peter Dreesen, Greg Hudson, Quentin King, Gunnar Fernqvist, Fredreick Bordry	CERN-PE in LHC-HWC-SUPERCONDUCTING-CIRCUITS-MTF (ORG-002386) Context: David Nisbet, Valerie Montabonnet	LHC-HWC-50 EDMS list: David Nisbet, Valerie Montabonnet, Yves Thurel, Laurent Ceccone, Klaus Fischer, Andrea Cantone, Miguel Cerqueira-Bastos, Peter Dreesen, Greg Hudson, Quentin King, Gunnar Fernqvist, Fredreick Bordry

Access Rights as they are today for Power Converter for Warm Circuits (RW00 and RW01)