

Technical Stop 25/05/09

EN-MEF-ABA

Due to the problem with the injection Septum in the Booster, this technical stop has been advanced to Tuesday and Wednesday the 19th and 20th May!

LINAC 2 – rev. 18/05

R.Scrivens updates + Cristiano Mastrostefano

In summary, all the essential work can be advanced. 2 points will either not be done, or will be VERY difficult to fit in. Situation for them to be revisited on Wednesday. Alone they would not justify keeping the technical stop on the 25th, but could be completed at a later date.

Blue – Items can be done Monday to Wednesday.

Red – Items not possible, or to be seen after preparation work has started.

Pré-injecteur:

- -Remplacement connecteur LI-MTR02, 1 heure, Franco Lenardon. - **Will be done Monday (18/05).**
- -Entretien cage faraday, 1 heure, Mastrostefano.- **Will be done Tuesday or Wednesday (20/05)**

Tunnel LINAC 2 (avec procédure <https://edms.cern.ch/document/984989>)

- Remplacement LT DVT 20, 3 heures, Antony Newborough. - **Not possible up to Wednesday (included).- Situation to be rediscussed on Wednesday afternoon. Possible installation on Friday if stop is longer.**
- Inspection du système de refroidissement, 1/2 heure, Sebastien Bertolo.- **Will be done Monday (18/05).**

Local technique et installations d'eau:

- Arrêt de la station de refroidissement du 234 pour nettoyage des tours (aussi arret LINAC3+LEIR) S. Deleval, EN/CV.- **1st Treatment, then 24hrs wait, then clean on Wednesday (20/05).**
- Intervention électrique sur station FTEF-216 "cooling structures" (pour test alarme et ajout relai manque tension) 3 heures, S. Deleval, EN/CV.- **Checking if all parts are available in the storage.**
- Inspection complète de la ventilation et campagne de changement des filtres, S. Deleval, EN/CV.- **Will be started Monday (18/05).**
- Coupure réseau UPS répartiteur EOD1*81 et EOD2*81, 3 heures, Nuno Dos Santos.(a confirmer pour autorisation de travaux à Mr Nuno Dos Santos).- **Cabling work is being accelerated.- Not clear the stop, reconnection, and restart can be completed by the end of Wednesday, in addition, restarting at ~17:00 on Wednesday would not be ideal. Situation to be rechecked on Wednesday.- Consequence if not done: Wait for next stop to make UPS power cut.**

PS Booster (1) – rev. 18/05

David MCFARLANE

<u>Request made by:</u>	<u>Phone number</u>	<u>Day of work</u>	<u>Names of people requiring access</u>	<u>Work to be done</u>
Thierry Masson	164527	Tuesday and Wednesday	<ul style="list-style-type: none"> T. Masson, A. Prost 	Visual inspection of striplines on septa magnets BE.SMH , BT.SMV10 and BT.SMV20 . Replace if defective.
F. Lenardon	164486	Tuesday morning	<ul style="list-style-type: none"> F. Lenardon 	BTM.BCT check
Rocio Chamiz	163697	Tuesday Afternoon	<ul style="list-style-type: none"> Oliver Aberle Marco Silari Yacine Kadi Roberto Rocca Damien Grenier Christian Carli Bettina Mikulec 	Inspection of the future emplacement of head, tail h0/h- dumps (injection of PSB) and dumps for measurement lines– check of space constraints
Massimiliano Ferro-Luzzi	164615	Tuesday or Wednesday	<ul style="list-style-type: none"> M. Ferro-Luzzi J. Buytaert R. Dumps 	VELO will need to take some action on their setup. (This is now only and inspection. Access will be needed at a later date to complete the forseen tasks)
Klaus Hanke	164465	Tuesday 10 am	<ul style="list-style-type: none"> Damien Grenier Jerome Lendaro Oliver Aberle Christophe Mitifiot 	Repair of the Booster Sieve (water leak on from the 8 th May)

PS Booster (2) – rev. 18/05

David MCFARLANE

<u>Request made by:</u>	<u>Phone number</u>	<u>Day of work</u>	<u>Names of people requiring access</u>	<u>Work to be done</u>
Antony Newborough	160429	Tuesday	<ul style="list-style-type: none">• A.Newborough• J. Manuel Gomes de Faria• G. Perrin Bonnet• D.Tommasini• L. Moreno• P. Vidales• J. Charles Duffay	Tour the machine to ensure there are no leaks from the magnets.
Patrick Lalong	163978	Tuesday 14:00	<ul style="list-style-type: none">• Patrick Lelong• Alan Findlay• David Mcfarlane	Inspection for the future installation of RF cables
Jan Borburgh	160959	Tuesday and Wednesday		Replacing the damaged injection Septum.

Ray BROWN

<u>Request made by:</u>	<u>Phone number</u>	<u>Duration</u>	<u>Names of people requiring access</u>	<u>Work to be done</u>
D. Bodart Magnet Group TE/MCS	163254	Tuesday 2hours	<ul style="list-style-type: none"> • L. Moreno • Ph. Vidales • G. Perrin-Bonnet • Ch. Duffay • M. Gomes de Faria • A. Newborough • D. Bodart • R. Lopez • J. Perreira Lopez 	Request to access both the PS and TT2 to make a general inspection of all magnets.
T. Masson A.Prost TE/ABT	164527	Tuesday 4hours	<ul style="list-style-type: none"> • T. Masson • A. Prost • J.Borburgh • M.Hourican 	<ol style="list-style-type: none"> 1. Visual inspection of SMH16and SMH42 striplines, replacement if necessary. 2. HV insulation oil replacement on SEH23.
G. Lobeau RF Cavities BE/RF	163092	Tuesday 4hours	<ul style="list-style-type: none"> • G. Lobeau • M. Haase • K. Richardson • A.Marmillon 	Visual inspection.
J. Hansen Vacuum TE/VSC	163779	Tuesday	<ul style="list-style-type: none"> • D.Allard • J.Hansen • G.Vandoni • C.Collomb-Patton 	Request the opening of the PS bridge in building 151/150 to store spare vacuum chambers for MU16. This will require a CCC operator to open the doors. +PS vacuum inspection as required.

PS (2) – rev. 18/05

Ray BROWN

<u>Request made by:</u>	<u>Phone number</u>	<u>Duration</u>	<u>Names of people requiring access</u>	<u>Work to be done</u>
R. Steerenberg Operations BE/OP	164518	Wednesday 2hours	<ul style="list-style-type: none"> • B. Beaquis +1 • J. Belleman 	Request access for the Survey group to check the mechanical offset of CODD BPM70.
S. Deleval EN/CV	160382	Tuesday 4hours	<ul style="list-style-type: none"> • A.Garcia + ? • S.Deleval • M.Fressard • D.Gros • N.Roget 	Request access to the PS tunnel to make inspection of all 8 CV units. There will also be interventions on the prime water cooling stations outside the tunnel, the details of which are not yet known.
X. Genillon TE/EPC	162019	Tuesday		Motor Generator MPS. Will make visual inspection of the brushes and change them if required.
R. Brown EN/MEF	163071	Wednesday 1hour	<ul style="list-style-type: none"> • R. Brown 	Make polarity measurements on the following magnets. Purpose, to update the documentation to avoid future polarity errors. Coordinated with S. Mataguez in the CCC. BSW57 in SS53, SS59, SS61, SS67. QKE16CT25 in SS25 QKE16CT73 in SS73 QKE16 in SS05, SS25 QSE in SS29, SS87
R. Steerenberg Operations BE/OP	164518	1 hour	A. Newborough+?	To access the PS to change the polarity of BTP.DVT50.

PS (3) – rev. 18/05

Ray BROWN

- **PS Grass Cutting. GS/SEM**

- There will be access to the green areas above the PS ring for grass cutting. This will start at 08:00 Tuesday, the gates are already open.
- CCC to search and close Wednesday afternoon.
- Requester Y.G. Chevret.

- **Alexandre Habart EN/EL**

- Power cut in the “Centre d’Anneau” buildings 353, 357, 367, 368 and 151. This is expected to be for the whole of Tuesday afternoon and concerns the distribution board ERD1*PSC and EZD11*SHC. The users of these buildings have been informed and no objections have been received. Lighting and sockets will not be affected.

Quentin King TE/EPC

- Monday including MPS tests.
- Main Power Supply software upgrade for the FGC and replacement of the operational FGC to resolve a temperature reading fault. This is only a 10 minute process to make the upgrade and reload all the active functions, the same to return to the existing software in the event of a problem.
- Requester R.Steerenberg and Q.King

EAST Hall

Lau Gatignon

<u>Request made by:</u>	<u>Phone number</u>	<u>Duration</u>	<u>Names of people requiring access</u>	<u>Work to be done</u>
Lau Gatignon	163554	3 hours		<p>Take the position (in particular the height) of the shuttle of IRRAD as a reference point at the downstream end. Upstream ZT7.BHZ01 is the reference.</p> <p>Check the alignment of ZT7.MTV01 ZT7.MSC01 ZT7.MSC (detector of Maurice Glaser) ZT7.MTV03 (idem)Mark reference points on the floor and indicate the beam height on the wall.</p> <p>Maurice will fix the elements on the floor (with help from RP).RP will check for abnormal radiation levels on Z77.QFO1 (in addition to the normal checks for personnel protection).</p> <p>Maurice will prepare films on all the elements to check the beam position after the intervention.</p>

SPS (1) – rev. 18/05

Nicolas GILBERT

<u>Group resp.</u>	<u>Area</u>	<u>Dur.</u>	<u>Work to be done</u>	<u>access requested</u> <u>?</u>
EN/HE	BA1	2 h	Main lift maintenance	ok
EN/CV	TA1	2 h	Intervention on puisard pumps DP504 (SPIE)	ok
GS/SEM	TA1		Repair floor. <i>(Awaiting confirmation)</i>	missing
EN/EL	TS1	1 h	General inspection of cabling for future replacement campaign	ok
TE/ABT	TS1	2 h	inspection of MKDH system	ok
EN/HE	BA2	2 h	Main lift maintenance (without stopping of lift)	ok
TE/ABT	BA2		Training on LSS2 ZS extraction system	na
BE/RF	TS2	1 h	Inspection of dampers	ok
EN/CV	TS2	2 h	Change pressostat on beam dump circuit	ok
EN/EL	TS2	4 h	Repair of damaged cable loop A	ok
TE/VSC	TS2		Inspection / repair ion pump VPIA 21955 + test fast vacuum valve chain	ok
BE/RF	BA3		Amplifier exchange on TX2	na
BE/RF	BA3		Power remote control test	na
EN/HE	BA3	2 h	Main lift maintenance (without stopping of lift)	ok
EN/CV	BB3		start/stop all circuits to check supervision works correctly	na

SPS (2) – rev. 18/05

Nicolas GILBERT

<u>Group resp.</u>	<u>Area</u>	<u>Dur.</u>	<u>Work to be done</u>	<u>access requested</u> <u>?</u>
BE/RF	TS3		Inspection of RF cavities	ok
BE/RF	TS3		Possible intervention on pick-up AEG 31705	ok
EN/CV	BA4		stop all circuits to change a flange joint	na
EN/HE	BA4	2 h	Main lift maintenance (without stopping of lift)	ok
BE/BI	TS4	2 h	Modification front end BPM interlock.	ok
EN/EL	TS4	1 h	Investigate possibilities for cable samples (with N. Gilbert)	ok
TE/ABT	TS4		Measurement on MKE4 kicker system.	ok
TE/ABT	TS4	1 h	Check MKE1 power switches and cabling	ok
TE/MSC	TS4	1 h	Geometrical measurements on sextupole and octupole magnets.	ok
TE/VSC	TS4		Inspection / repair ion pump VPIA 41894 + 42401	ok
TE/MSC	TT40	1 h	Magnet inspection	ok
EN/HE	BA5	2 h	Main lift maintenance (without stopping of lift)	ok
EN/STI	ECA5	8 h	Several consolidations / tests on Crystal experiment.	ok
EN/STI	TS5	8 h	Several consolidations / tests on Crystal experiment.	ok
EN/HE	BA6	2 h	Main lift maintenance	ok

SPS (3) – rev. 18/05

Nicolas GILBERT

<u>Group resp.</u>	<u>Area</u>	<u>Dur.</u>	<u>Work to be done</u>	<u>access requested</u> ?
BE/BI	TS6	2 h	Modification front end BPM interlock.	ok
BE/BI	TS6		Check the 4 BTVE lights system for a better illumination of the screens.	ok
EN/EL	TS6	1 h	Investigate possibilities for cable samples (with N. Gilbert)	ok
TE/ABT	TS6	2 h	measurement on timing of MKE6 system	ok
TE/VSC	TS6		Inspection / repair ion pump VPIA 61635 + repair fast vacuum valve	ok
EN/HE	BA7	2 h	Main lift maintenance <i>(to be confirmed as it can be postponed)</i>	ok
EN/CV	BA80	6 h	replace 3 leaking valves TDC2	ok
EN/CV	BA80	4 h	check instrumentation on ventilation system (SPIE)	ok
EN/HE	BA80	2 h	Main lift maintenance	ok
BE/ASR	898	1h	surface building : St. Hutchins installs a padlock on fencing. Key issued from CCC	ok
EN/CV	898	2 h	surface building : repair flow meter control system (SPIE)	ok

TOTAL SPS Access for 25th Dated From yesterday (Monday 18th):

<http://accessdb.web.cern.ch/accessdb/accessPlanning.asp?accName=SPS>

- Person Access area Scheduled date RP Technician Duration Intervention type Comments
fcastro BA125-05-09 08:30 Angelito Herveo8:00 Magnets_intervention ane ranerance boxe on beam dump magnee MKDH has eo be compleeely checked. The oether persons are Gael Belloeeo, Frank Berge and eeephane Huon. Ascenseurs BA125-05-09 14:00 Christophe Tromelo2:00 Lift_maintenance Entretien ascenseur ggros BA125-05-09 14:00 Christophe Tromelo1:00 Electrical_cabling si possible j aimerais descendre en Te1+ pour reprendre quelques photos pour ma preparation de la campagne de retrait de cables irradiies... intervenant: guillaume gros lehtinen BA125-05-09 14:00 Christophe Tromelo2:00 Cooling Intervention sur puisard FTDP-000504 Intervenant l entreprise epie Jean Pierre Billet Christophe Arhuero Yannick Balleydier Guillaume Jutssack montesin BA225-05-09 08:00 Christophe Tromelo1:00 RF_Dampers RF Dampers inspection. RF power team (Eric Montesinos, Frederic Killing, Gino Cipolla, Antoine Boucherie, FeU ABO3 if needed) ggros BA225-05-09 08:00 Christophe Tromelo4:00 Electrical_cabling Copie de la demande de Guillaume Gros pour l intervention sur la voie cablee 18kV (voie A) wbannist BA225-05-09 08:00 Christophe Tromelo2:00 Cooling Change pressostat Beam Dump circuit. 2 persons eeea Ascenseurs BA225-05-09 08:00 Christophe Tromelo2:00 Lift_maintenance Entretien sans artrer l ascenseur lehtinen BA225-05-09 10:00o techniciano2:00 Cooling Intervention sur b.898 Les intervenant de l entreprise epie: Jean Pierre Billet Christophe Arhuero Jean Marc Channel urs BA325-05-09 08:00 Timothee Schmittleroo:30 General_purpose_access Pick-up inspection with Wolfgang HOFLE montesin BA325-05-09 08:00 Timothee Schmittleroo:00 RF_Cavities RF Cavities inspection. RF power team (Eric Montesinos, Christophe Renaud, Charles Julie, Antoine Boucherie, FeU ABO3 if needed). Ascenseurs BA325-05-09 10:00 Timothee Schmittleroo:00 Lift_maintenance Entretien sans artrr l ascenseur. thierry BA425-05-09 08:00 Adeline Hesso2:00 Instrumentation Modification Front End BPM Interlock bballhan BA425-05-09 08:00 Adeline Hesso1:00 Electrical_cabling eheck MeE1 eover switchs and cabling barnesm BA425-05-09 08:00 Adeline Hesso2:00 others Nicolas Voumard will access with me. We need to make measurements on the MKE4 kicker system (ECA4). jbauche BA425-05-09 08:00 Adeline Hesso1:00 General_purpose_access Access for J. Bauche and P. Catherine in sextant 4 for geometrical measurements on sextupole and octupole magnets. Not urgent. Ascenseurs BA425-05-09 13:00 Guillaume Chambono2:00 Lift_maintenance Entretien sans artrer l ascenseur ngilbert BA425-05-09 14:00 Christophe Tromelo1:00 Electrical_cabling visite avec EN/EL pour preparation prise echantillons. Heure souhaitee : 14:00 ilendaro BA525-05-09 08:00 Angelito Herveo8:00 General_purpose_access Installation and test of new equipments for UA9 experiment in Lee5-ECX5-ECA5(BB5). Work on TEC.51795, XRPH.51937, TACW.51998 Access: J.Lendaro, F.Loprete, UA9 team (near 6-8 persons) Ascenseurs BA525-05-09 09:00 Angelito Herveo2:00 Lift_maintenance Entretien sans artrer l ascenseur thierry BA625-05-09 10:00 Adeline Hesso2:00 Instrumentation Modification Front End BPM Interlock barnesm BA625-05-09 10:00 Adeline Hesso2:00 General_purpose_access Measurement on timing of MKE6 systes sburger BA625-05-09 10:00 Adeline Hesso2:00 Instrumentation Check the 4 BTVE lights system for a better illumination of the screens for a better calibration. Work with Philippe Lavanchy. Ascenseurs BA625-05-09 15:00 Adeline Hesso2:00 Lift_maintenance Entretien ascenseur ngilbert BA625-05-09 15:00 Christophe Tromelo1:00 Electrical_cabling visite avec EN/EL pour preparation prise echantillons. Heure souhaitee : 15:00 wbannist BA8025-05-09 10:00 Nadine Conano6:00 Cooling Replace 3 leaking valves TDC2 Minimum 2 persons eeea hutchins BA8025-05-09 10:00 Nadine Conano1:00 General_purpose_access ecess with ePe chein 1 off to plece locks in North eree fiels bet 898 ventiletion sheft. lehtinen BA8025-05-09 10:00 Nadine Conano4:00 Cooling Intervention sur ventilation TCC2 Istervenant l entreprise epie Juan Carlos Pazos Raul Vivet Geoffrey Gavel Ascenseurs BA8025-05-09 11:00 Nadine Conano0:00 Lift_maintenance Entretien ascenseur

Miscellaneous Global: CO & IT

- NFS4 disk storage upgrade: 2 cuts of ~30 minutes
-
- RBAC java release
-
- OASIS release
-
- LSA packages (partial release)
-
- reboot of the Timing server cs-ccr-ctm (few minutes)
-
- IT is also planning firmware upgrade of several network switches, services affected will be announced by Alastair Bland.
-