

Technical Stop 25/05/09

EN-MEF-ABA

LINAC 2

Cristiano Mastrostefano

Supervisor: F Gerigk.

- **Pré-injecteur:**

- Remplacement connecteur LI-MTR02, 1 heure, Franco Lenardon.
- Entretien cage faraday, 1 heure, Mastrostefano.

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

- Remplacement LT DVT 20, 3 heures, Antony Newborough.
- Inspection du système de refroidissement, 1/2 heure, Sebastien Bertolo.

- **Salle d'équipement:**

- (modif PLC enlevé)

- **Local technique et installations d'eau:**

- Arrêt de la station de refroidissement du 234 pour nettoyage des tours (aussi arrêt LINAC3+LEIR)
- Intervention électrique sur station FTEF-216 "cooling structures" (pour test alarme et ajout relai manque tension) 3 heures, EN/CV.
- Inspection complète de la ventilation et campagne de changement des filtres, EN/CV.
- Coupure réseau UPS répartiteur EOD1*81 et EOD2*81, 3 heures, Nuno Dos Santos.(a confirmer pour autorisation de travaux á mr Nuno Dos Santos).

(Normalement pas d'incidence sur le système d'accès.)

PS Booster

David MCFARLANE

<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>
Thierry Masson	164527	2 hours	<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	164489	4 hours	<ul style="list-style-type: none"> • F. Lenardon 	BTM.BCT check
Rocio Chamiz	163697	1 hour	<ul style="list-style-type: none"> • Oliver Aberle • Marco Silari • Yacine Kadi • Roberto Rocca • Damien Grenier 	Inspection of the future emplacement of head, tail h0/h-dumps (injection of PSB) and dumps for measurement lines– check of space constraints
Giovanna Vandoni	163269			Reloading of PVSS for all the machines. Remote supervision is consequently stopped for 2h, in the morning.
Massimiliano Ferro-Luzzi	164615	2 hours	<ul style="list-style-type: none"> • M. Ferro-Luzzi • J. Buytaert • R. Dumps 	VELO will need to take some action on their setup.
Klaus Hanke	164465			Repair of the Booster Sieve (water leak on from the 8 th May)
Antony Newborough	160429	1 hour	<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.

PS (1)

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		<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		<ul style="list-style-type: none">• T. Masson• A. Prost	<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		<ul style="list-style-type: none">• G. Lobeau• M. Haase• K. Richardson	Visual inspection.
J. Hansen Vacuum TE/VSC	163779			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. Access at 09:00.

PS (2)

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	Morning	<ul style="list-style-type: none">B. Beaquis +1J. Belleman	Request access for the Survey group to check the mechanical offset of CODD BPM70.
S. Deleval EN/CV	160382			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			Motor Generator MPS. Will make visual inspection of the brushes and change them if required.
R. Brown EN/MEF	163071	Between 15:00 and 16:00.	<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	<ul style="list-style-type: none">A. Newborough	To access the PS to change the polarity of BTP.DVT50.

PS (3)

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 and requires the CCC operator to open all the gates promptly at 08:00 and to close at 16:00. 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 morning 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.

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)

Nicholas GILBERT

<u>Group responsible</u>	<u>Area</u>	<u>Duration</u>	<u>Work to be done</u>
EN/HE	BA 1	2 Hours	Main lift maintenance
EN/EL	TS 1	3 Hours	General inspection of cabling for future replacement campaign
	BA 2		Training on LSS2 ZS extraction system
EN/HE	BA 2	2 Hours	Main lift maintenance (without stopping of lift)
BE/RF	TS 2		Inspection of dampers
EN/EL	TS 2		Repair of damaged cable loop A
BE/RF	BA 3		Amplifier exchange on TX2
BE/RF	BA 3		Power remote control test
EN/HE	BA 3	2 hours	Main lift maintenance (without stopping of lift)
BE/RF	TS 3		Inspection of RF cavities
BE/RF	TS 3		Possible intervention in pick-up AEG 31705

SPS (2)

Nicholas GILBERT

<u>Group responsible</u>	<u>Area</u>	<u>Duration</u>	<u>Work to be done</u>
EN/HE	BA 4	2 Hours	Main lift maintenance (without stopping of lift)
TE/MSC	TS 4		Geometrical measurements on sextupole and octupole magnets.
BE/BI	TS 4		Modification front end PBM interlock.
TE/ABT	TS 4		Measurement on MKE4 kicker system.
EN/HE	BA 5	2 Hours	Main lift maintenance (without stopping of lift)
EN/STI	TS 5	All day	Several consolidations / tests on Crystal experiment.
EN/STI	ECA 5	All day	Several consolidations / tests on Crystal experiment.
EN/HE	BA 6	2 Hours	Main lift maintenance
BE/BI	TS 6		Modification front end PBM interlock.
BE/BI	TS 6		Check the 4 BTVE lights system for a better illumination of the screens.
EN/HE	BA 7	2 Hours	Main lift maintenance
Civil Engineering	TA 1		Repair floor. (Awaiting confirmation)

Miscellaneous Global: CO & IT

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